



Carrier Voice over IP Fault Management Logs Reference Volume 7

ATTENTION

The Carrier Voice over IP Fault Management Log Reference document uses seven volumes to describe logs that Carrier VoIP portfolio components can generate. Not all components apply to every solution.

A log report is a message about an important conditions or events related to Carrier VoIP portfolio component(s) performance. Log reports include, but are not restricted to, the following information:

- state and activity reports
- changes in state
- hardware or software errors
- test results
- other events or conditions that affect performance

Note: Both system actions and manual overrides can generate log reports.

Log formats

The log formats shown in this volume display in either NT or SCC2 standard formats. Not every format that generates from the core appears in a log report. Consult the latest software load that accompanies your product for a complete list of log formats.

In this volume

Volume 7 contains the Carrier VoIP [ERS8600 Logs](#) logs. The table in this volume identifies and briefly describes the logs they use. Double-click on the log identifier to see the log details.

ERS8600 Logs

The following table lists the individual logs that the ERS8600 generates.

ERS8600 Logs (Sheet 1 of 7)

Log ID	Description
PP310	Generated when an alarm entry crosses its rising threshold and generates an event that is configured for sending SNMP traps
PP311	Generated when an alarm entry crosses its falling threshold and generates an event that is configured for sending SNMP traps
PP313	Indicates that the SNMPv2 entity, acting in an agent role, is reinitializing and that its configuration may have been altered
PP315	Indicates that the SNMPv2 entity, acting in an agent role, is reinitializing such that its configuration is unaltered
PP317	Indicates that the SNMPv2 entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links is about to transition into the down state
PP318	Indicates that the SNMPv2 entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links has transitioned out of the down state
PP319	Indicates an authentication failure on the device
PP322	Indicates that the SNMPv2 entity, acting in an agent role, has detected that the rcChasPowerSupplyOperStatus object for one of its power supply units is about to transition into the down state
PP323	Indicates that the SNMPv2 entity, acting in an agent role, has detected that the rcChasPowerSupplyOperStatus object for one of its power supply units is about to transition into the up state

ERS8600 Logs (Sheet 2 of 7)

Log ID	Description
PP324	Indicates that the SNMPv2 entity, acting in an agent role, has detected that the rcChasFanOperStatus object for one of its fans is about to transition into the down state
PP325	Indicates that the SNMPv2 entity, acting in an agent role, has detected that the rcChasFanOperStatus object for one of its power supply unit is about to transition into the up state
PP326	Indicates that the SNMPv2 entity, acting in an agent role, has detected that the rcCardOperStatus object for one of its cards is about to transition into the down state
PP327	Indicates that the SNMPv2 entity, acting in an agent role, has detected that the rcCardOperStatus object for one of its cards is about to transition into the up state
PP328	Indicates that the SNMPv2 entity, acting in an agent role, has detected the chassis is over-heating
PP329	Indicates that the SNMPv2 entity, acting in an agent role, has detected that an error condition has occurred
PP330	Indicates that the SNMPv2 entity, acting in an agent role, has detected an excessive number of link state transitions on the specified port
PP331	Indicates that the SNMPv2 entity, acting in an agent role, has received a PDU with an invalid source MAC address
PP332	Indicates that the SNMPv2 entity, acting in an agent role, has detected a change of status on a SONET port
PP333	Indicates that the SNMPv2 entity, acting in an agent role, has detected the Spanning Tree Protocol has declared the device to be the new root of the spanning tree

ERS8600 Logs (Sheet 3 of 7)

Log ID	Description
PP334	Indicates that the SNMPv2 entity, acting in an agent role, has detected the Spanning Tree Protocol has gone due to a topology change event
PP335	Indicates that the SNMPv2 entity, acting in an agent role, has detected the Spanning Tree Protocol has gone due a topology change event
PP336	Indicates that the SNMPv2 entity, acting in an agent role, has detected that the rc2kAtmPvcOamVcStatus object for one of the PVCs is about to transition into a different state, either from up to down or from down to up
PP337	Indicates that the split MLT link status has changed from down to up
PP338	Indicates that the split MLT links status has changed from up to down
PP339	Indicates that the split SMLT link is up
PP340	Indicates that the split SMLT link is down
PP341	Indicates that the SNMPv2 entity, acting in an agent role, has detected that one of the CLI passwords has changed
PP342	Indicates that the SNMPv2 entity, acting in an agent role, has detected that the PCMCIA card is being removed
PP343	Indicates that the CPLD timer has expired
PP344	Indicates that the CPLD is not up-to-date.
PP345	Indicates that the IGAP accounting time-out log file reached the maximum size
PP346	Indicates that the CP limit for the port is shutting down
PP347	Indicates that the SSH server is enabled
PP348	Indicates that the SSH server is disabled

ERS8600 Logs (Sheet 4 of 7)

Log ID	Description
PP349	Indicates that there is an SSH session login
PP350	Indicates that there is an SSH session logout
PP351	Indicates that an unauthorized access has occurred
PP352	Indicates that the state of the HA-CPU has changed
PP353	Indicates insufficient memory on the CPU blade for proper operation
PP354	Indicates that the switch run time or boot configuration is being saved
PP355	Indicates that a loop has been detected on a port
PP356	Indicates that a state transition has occurred on a particular VRRP interface
PP357	Indicates that the SNMPv2 entity, acting in an agent role, has detected an Em error
PP358	Indicates that there has been a change in the state of an OSPF virtual interface
PP359	Indicates that there has been a change in the state of a non virtual OSPF neighbor
PP360	Indicates that there has been a change in the state of an OSPF virtual neighbor
PP361	Indicates that a packet has been received on a non virtual interface from a router whose configuration parameters conflict with the destination router's configuration parameters
PP362	Indicates that a packet has been received on a virtual interface from a router whose configuration parameters conflict with the destination router's configuration parameters

ERS8600 Logs (Sheet 5 of 7)

Log ID	Description
PP363	Indicates that a packet has been received on a non virtual interface from a router whose authentication key or authentication type conflicts with the destination router's authentication key or authentication type
PP364	Indicates that a packet has been received on a virtual interface from a router whose authentication key or authentication type conflicts with the destination router's authentication key or authentication type
PP365	Indicates that there has been a change in the state of a non virtual OSPF interface
PP366	Indicates that the SNMPv2 entity, acting in an agent role, has detected that the rcCardOperStatus object for one of its cards is about to transition into the down state
PP367	Indicates that the SNMPv2 entity, acting in an agent role, has detected that the rcCardOperStatus object for one of its cards is about to transition into the up state
PP368	Generated when the BGP FSM enters the Established state
PP369	Generated when the BGP FSM moves from a higher numbered state to a lower numbered state
PP370	Generated when the operational state of the aggregator changes from down to up.
PP371	Generated when the operational state of the aggregator changes from up to down
PP372	Indicates that a new member has come on an interface
PP373	Indicates that a group member has been lost on an interface
PP374	Indicates that a new querier has come up on an interface

ERS8600 Logs (Sheet 6 of 7)

Log ID	Description
PP375	Indicates that the querier has changed
PP376	Indicates that there has been a change in the state of a DVMRP interface
PP377	Indicates that a new neighbor has come up on a DVMRP interface
PP378	Indicates that a new neighbor has gone down on a DVMRP interface
PP379	Indicates that has violated the user configured limit for total number of FDB-entries learned on that port
PP380	Indicates whether the number of repetitions of the particular Log message has exceeded the frequency or count
PP381	Indicates that either the run time config or the boot configuration has been saved on the switch
PP382	Indicates that the switch has sent a query to the DNS server or it has received a successful response from the DNS Server
PP383	Ggenerated when a probe failure is detected when the corresponding pingCtlTrapGeneration object is set to probeFailure(0) subject to the value of pingCtlTrapProbeFailureFilter
PP384	Generated when a ping test fails when the corresponding pingCtlTrapGeneration object is set to testFailure(1)
PP385	Indicates the completion of a ping test when the corresponding pingCtlTrapGeneration object is set to testCompletion(4)
PP386	Indicates that the path to a target has changed
PP387	Indicates that the switch could not establish the path (trace route) between the switch and the destination

ERS8600 Logs (Sheet 7 of 7)

Log ID	Description
PP388	Indicates that the path to a target has been determined
PP389	Indicates that the UDPEap session has ended
PP390	Indicates that the UDPEap session has started
PP391	Indicates that a duplicate IP address is detected on the subnet
PP392	Indicates that a loop has been detected on a port and the port is going to shut down

Supplementary logs

The following documents reference logs and/or alarms that do not appear in this volume:

Note: The terms Passport, PVG and MDM have been re-branded in conjunction with the new Nortel Networks brand simplified naming format. Passport is now referred to as the Nortel Networks Multiservice Switch, PVG is now the Nortel Networks Media Gateway 7480/15000, and MDM is now the Nortel Networks Multiservice Data Manager.

- For USP logs, refer to the *Log and Operational Measurement Descriptions for Universal Signaling Point (USP)*, version 3.0.3. These logs also appear on the Graphical User Interface (GUI).
- For XA-CORE logs, refer to the *XA-Core Reference Manual*, 297-8991-810.
- For information about Multiservice Switch alarms associated with your component, refer to *Nortel Networks Multiservice Switch 7400/15000/20000 Alarms Reference*, NN10600-500 and *Nortel Networks Multiservice Switch 15000, Media Gateway 15000 and Preside MDM in Succession Networks Fault Management Overview PT-AAL1/UA-AAL1/UA-IP*, NN10092-911.

For information about Passport 8600 logs and traps, refer to the following documents:

- *Preside Passport 8600 Device Integration Cartridge User Guide*, 241-6003-110.
- *Configuring Network Management- Passport 8000 Series Software Release 3.5*, 314723-B.
- *System Messaging Platform Reference Guide- Passport 8000 Series Software Release 3.5*, 315015-B.

PP310

The PP310 alarm is generated when an alarm entry crosses its rising threshold and generates an event that is configured for sending SNMP traps. When alarms are activated, you can view the activity in a log or a trap log, or you can create a script to alert you by beeping a console, sending an e-mail, or calling a pager.

The alarm variable is polled and the result is compared against upper and lower limit values selected when the alarm is created. If either limit is reached or crossed during the polling period, then the alarm fires and generates an event that you can view in the event log or the trap log.

This alarm is set when an alarm threshold is crossed. The text of the alarm message identifies the alarm value that triggered the alarm, the item that was being monitored, and the threshold level.

A rising alarm indicates that the alarm is triggered when the alarm value rises above the threshold value.

A falling alarm indicates that the alarm is triggered when the alarm value falls below the threshold value.

The falling alarm clears the rising alarm.

Format

The format for log report PP310 is as follows:

```
<OFFICE> <Severity> PP310 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
  Location: <ERS8600 Display Name>;<ERS8600 IP Address>
  State: <State>
  Category: <Category>
  Cause: <Cause>
  Time: Mmm DD hh:mm:ss YYYY
  Component ID: ERS8600=<ERS8600 IP Address>; alarmIndex=<alarmIndex>
  Specific Problem: <Specific Problem>
  Description: <Description of Problem>
```

An example log format is as follows:

```

MTOSSMT * PP310 MAY04 13:30:40 1234 TBL PP Fault
Location: P8600A;192.168.75.41
State: Raised
Category: qualityOfService
Cause: Threshold crossed.
Time: May 04 13:30:40 2006
Component ID: PP8600=192.168.75.41; alarmIndex=1
Specific Problem: Rising threshold crossed
Description: Threshold Crossed: alarmIndex= 1( Threshold=
1 alarmValue=
1)
.1.3.6.1.2.1.16.3.1.1.4.1: absoluteValue
.1.3.6.1.2.1.16.3.1.1.3.1: .1.3.6.1.4.1.2272.1.19.14.0

```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	*	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 192.168.75.41
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared

Field	Value	Description
Category	qualityOfService	Indicates the X.733/X.736-based category of the alarm
Cause	Threshold crossed	Text string indicating more information about the log
alarmIndex	Integer (1-65535)	The index of the eventEntry that is used when a rising threshold is crossed. The eventEntry identified by a particular value of this index is the same as identified by the same value of the eventIndex object. If there is no corresponding entry in the eventTable, then no association exists. In particular, if this value is zero, no associated event will be generated, as zero is not a valid event index.
Specific Problem	Rising threshold crossed	Text string indicating more information about the log
Description (Threshold)	Integer	A threshold for the sampled statistic. When the current sampled value is greater than or equal to this threshold, and the value at the last sampling interval was less than this threshold, a single event will be generated. A single event will also be generated if the first sample after this entry becomes valid is greater than or equal to this threshold and the associated alarmStartupAlarm is equal to risingAlarm(1) or risingOrFallingAlarm(3). After a rising event is generated, another such event will not be generated until the sampled value falls below this threshold and reaches the alarmFallingThreshold.
Description (alarmValue)	Integer	The value of the statistic during the last sampling period. The value during the current sampling period is not available until the period is complete.

Action

This event is generated by any MIB value exceeding the threshold configured by the network manager. When the monitored value exceeds or goes below the threshold, a trap is generated.

The action depends on the monitored parameter. For example, the monitored value can be one of the Ethernet statistics, such as late collision, potentially indicating an hardware error.

Associated OM registers

This log report has no associated OM registers.

Additional information

This log is cleared by the PP311 log.

PP311

The PP311 log is generated when an alarm entry crosses its falling threshold and generates an event that is configured for sending SNMP traps.

Format

The format for log report PP311 is as follows:

```
<OFFICE> <Severity> PP311 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>; alarmIndex=<alarmIndex>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
MTOSSMT PP311 MAY04 13:33:10 1234 TBL PP Fault
Location: P8600A;192.168.75.41
State: Cleared
Category: qualityOfService
Cause: Threshold crossed
Time: May 04 13:33:10 2006
Component ID: PP8600=192.168.75.41; alarmIndex=1
Specific Problem: Falling threshold crossed
Description: Threshold Crossed: alarmIndex = 1( Threshold = 0
alarmValue
= 0)
.1.3.6.1.2.1.16.3.1.1.4.1: absoluteValue
.1.3.6.1.2.1.16.3.1.1.3.1: .1.3.6.1.4.1.2272.1.19.14.0
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 192.168.75.41
State	Cleared	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	qualityOfService	Indicates the X.733/X.736-based category of the alarm
Cause	Threshold crossed	Text string indicating more information about the log
alarmIndex	Integer (1-65535)	The index of the eventEntry that is used when a rising threshold is crossed. The eventEntry identified by a particular value of this index is the same as identified by the same value of the eventIndex object. If there is no corresponding entry in the eventTable, then no association exists. In particular, if this value is zero, no associated event will be generated, as zero is not a valid event index.
Specific Problem	Falling threshold crossed	Text string indicating more information about the log

Field	Value	Description
Description (Threshold)	Integer	A threshold for the sampled statistic. When the current sampled value is greater than or equal to this threshold, and the value at the last sampling interval was less than this threshold, a single event will be generated. A single event will also be generated if the first sample after this entry becomes valid is greater than or equal to this threshold and the associated alarmStartupAlarm is equal to risingAlarm(1) or risingOrFallingAlarm(3). After a rising event is generated, another such event will not be generated until the sampled value falls below this threshold and reaches the alarmFallingThreshold.
Description (alarmValue)	Integer	The value of the statistic during the last sampling period. The value during the current sampling period is not available until the period is complete.

Action

This event is generated by any MIB value exceeding the threshold configured by the network manager. When the monitored value goes below the threshold, a trap is generated.

The action varies depending on the monitored parameter and the network configuration.

Associated OM registers

This log report has no associated OM registers.

Additional information

This log is the clear log for PP310.

PP313

The PP313 alarm signifies that the SNMPv2 entity, acting in an agent role, is reinitializing and that its configuration may have been altered.

Format

The format for log report PP313 is as follows:

```
<OFFICE> <Severity> PP313 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP313 OCT26 01:28:48 0009 INFO PP Fault
Location: ERS8600_RTP;47.142.106.1
State: None
Category: operator
Cause: Agent reinitialized itself with default settings
Time: Oct 26 01:28:48 2005
Component ID: ERS8600=47.142.106.1
Specific Problem: Agent reinitialized itself with default settings
Description: A coldStart trap signifies that the snmp agent is reinitializing itself with default settings.
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.6.3.1.1.5.1.0
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	None	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Operator	Indicates the X.733/X.736-based category of the alarm
Cause	Agent reinitialized itself with default settings	Text string indicating more information about the log
Specific Problem	Agent reinitialized itself with default settings	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

To understand the cause of the cold reset, capture the following information for review: the event, the log of the switch, and the configuration of the switch.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP315

The PP315 alarm signifies that the SNMPv2 entity, acting in an agent role, is reinitializing such that its configuration is unaltered.

Format

The format for log report PP315 is as follows:

```
<OFFICE> <Severity> PP315 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP315 OCT26 01:28:48 0011 INFO PP Fault
Location: ERS8600_RTP;47.142.106.1
State: None
Category: operator
Cause: Agent reinitialized itself with its configuration unaltered.
Time: Oct 26 01:28:48 2005
Component ID: ERS8600=47.142.106.1
Specific Problem: Agent reinitialized itself with its configuration
unaltered.
Description: A warmStart trap signifies that the SNMPv2 agent is
reinitializing itself such that its configuration is unaltered.
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.6.3.1.1.5.2.0
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	None	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Operator	Indicates the X.733/X.736-based category of the alarm
Cause	Agent reinitialized itself with its configuration unaltered.	Text string indicating more information about the log
Specific Problem	Agent reinitialized itself with its configuration unaltered.	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP317

The PP317 alarm signifies that the SNMPv2 entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links is about to transition into the down state.

Format

The format for log report PP317 is as follows:

```
<OFFICE> <Severity> PP317 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>; ifIndex=<ifIndex>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 ** PP317 OCT26 01:28:48 0013 TBL PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Raised
Category: communications
Cause: loss of communication
Time: Oct 26 01:28:48 2005
Component ID: ERS8600=47.142.106.1; ifIndex=100
Specific Problem: Generic Link Status
Description: Link Down: ifIndex = 100( AdminStatus = up OperationStatus
= down Port = 37 Slot = 1)
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.6.3.1.1.5.3.0
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	**	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Communications	Indicates the X.733/X.736-based category of the alarm
Cause	Loss of communication	Text string indicating more information about the log

Field	Value	Description
ifIndex	Integer	<p>Indicates the physical information appended to OperationStatus. The actual physical information is determined by ifIndex.</p> <p>ifIndex >= 64 and ifIndex <= 703 the information is: Port = '(ifIndex & 0x3f) + 1' Slot = 'ifIndex >>6'</p> <p>ifIndex >= 832 and ifIndex <= 863 the information is: Circuitless IP = 'ifIndex - 832 + 1'</p> <p>ifIndex >= 2048 and ifIndex <= 4095 the information is: VLAN = 'ifIndex - 2048 + 1'</p> <p>ifIndex >= 4096 and ifIndex <= 4127 the information is: MLT = 'ifIndex - 4096 + 1'</p> <p>ifIndex >= 4352 and ifIndex <= 5351 the information is: Tunnel = 'ifIndex - 4352 + 1'</p> <p>An ifIndex not within the above ranges, the information is: unknown of ifIndex meaning</p> <p>Note: The content in “ part will be calculated out.</p>
Specific Problem	Generic link status	Text string indicating more information about the log
Description	Character string	Explanation of the event
OperationStatus	Character string	Can be one of: up (1), down (2), testing (3)

Action

An interface in the down state signifies a loss of connectivity and requires immediate attention. Investigate this message to understand the cause.

Associated OM registers

This log report has no associated OM registers.

Additional information

This log is cleared by the PP318 log.

PP318

The PP318 alarm signifies that the SNMPv2 entity, acting in an agent role, has detected that the ifOperStatus object for one of its communication links has transitioned out of the down state.

Format

The format for log report PP318 is as follows:

```
<OFFICE> <Severity> PP318 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>; ifIndex=<ifIndex>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP318 OCT26 01:28:48 0016 INFO PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Cleared
Category: communications
Cause: communication regained
Time: Oct 26 01:28:48 2005
Component ID: ERS8600=47.142.106.1; ifIndex=100
Specific Problem: Generic Link Status
Description: Link Up: ifIndex = 100( AdminStatus = up OperationStatus
= up Port = 37 Slot = 1)
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.6.3.1.1.5.4.0
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Cleared	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Communications	Indicates the X.733/X.736-based category of the alarm
Cause	Communication regained	Text string indicating more information about the log

Field	Value	Description
ifIndex	Integer	<p>Indicates the physical information appended to OperationStatus. The actual physical information is determined by ifIndex.</p> <p>ifIndex >= 64 and ifIndex <= 703 the information is: Port = '(ifIndex & 0x3f) + 1' Slot = 'ifIndex >>6'</p> <p>ifIndex >= 832 and ifIndex <= 863 the information is: Circuitless IP = 'ifIndex - 832 + 1'</p> <p>ifIndex >= 2048 and ifIndex <= 4095 the information is: VLAN = 'ifIndex - 2048 + 1'</p> <p>ifIndex >= 4096 and ifIndex <= 4127 the information is: MLT = 'ifIndex - 4096 + 1'</p> <p>ifIndex >= 4352 and ifIndex <= 5351 the information is: Tunnel = 'ifIndex - 4352 + 1'</p> <p>An ifIndex not within the above ranges, the information is: unknown of ifIndex meaning</p> <p>Note: The content in “ part will be calculated out.</p>
Specific Problem	Generic link status	Text string indicating more information about the log
Description	Character string	Explanation of the event
OperationStatus	Character string	Can be one of: up (1), down (2), testing (3)

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This log is the clear log for PP317.

PP319

The PP319 alarm signifies an authentication failure on the device.

Format

The format for log report PP319 is as follows:

```
<OFFICE> <Severity> PP319 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP319 OCT26 01:28:48 0017 TBL PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Raised
Category: security
Cause: Authentication failure
Time: Oct 26 01:28:48 2005
Component ID: ERS8600=47.142.106.1
Specific Problem: Authentication failure
Description: Authentication failure occurred
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.6.3.1.1.5.5.0
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents a warning
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection

Field	Value	Description
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Security	Indicates the X.733/X.736-based category of the alarm
Cause	Authentication failure	Text string indicating more information about the log
Specific Problem	Authentication failure	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

Track the source of the authentication failure.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP322

The PP322 alarm signifies that the SNMPv2 entity, acting in an agent role, has detected that the rcChasPowerSupplyOperStatus object for one of its power supply units is about to transition into the down state.

This alarm is set when the power supply unit goes down. The alarm is cleared when the power supply comes up again.

Format

The format for log report PP322 is as follows:

```
<OFFICE> <Severity> PP322 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>; SupplyId=<SupplyId>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsup3f8 *** PP322 OCT26 01:28:49 0045 TBL PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Raised
Category: equipment
Cause: Power Supply down
Time: Oct 26 01:28:49 2005
Component ID: ERS8600=47.142.106.1; SupplyId=1
Specific Problem: Power Supply Status
Description: Power Supply Status: SupplyId = 1( OperationStatus = down )
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.6
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	***	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Equipment	Indicates the X.733/X.736-based category of the alarm
Cause	Power Supply down	Text string indicating more information about the log
SupplyId	Integer (1-3)	An integer representing which power supply is reported
Specific Problem	Power supply status	Text string indicating more information about the log
Description	Character string	Explanation of the event
OperationStatus	Character string	Can be one of unknown (1), empty (2), up (3), down (4)

Action

If this log was not related to a power outage, replace the power supply.

Associated OM registers

This log report has no associated OM registers.

Additional information

This log is cleared by the PP323 log.

PP323

The PP323 alarm signifies that the SNMPv2 entity, acting in an agent role, has detected that the rcChasPowerSupplyOperStatus object for one of its power supply units is about to transition into the up state.

Format

The format for log report PP323 is as follows:

```
<OFFICE> <Severity> PP323 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>; SupplyId=<SupplyId>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsup3f8 PP323 OCT26 01:28:49 0057 INFO PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Cleared
Category: equipment
Cause: Power supply up
Time: Oct 26 01:28:49 2005
Component ID: ERS8600=47.142.106.1; SupplyId=1
Specific Problem: Power Supply Status
Description: Power Supply Status: SupplyId = 1 ( OperationStatus = up )
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.14
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Cleared	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Equipment	Indicates the X.733/X.736-based category of the alarm
Cause	Power supply up	Text string indicating more information about the log
SupplyId	Integer (1-3)	An integer representing which power supply is reported
Specific Problem	Power supply status	Text string indicating more information about the log
Description	Character string	Explanation of the event
OperationStatus	Character string	Can be one of: unknown (1), empty (2), up (3), down (4)

Action

Power outages can disable modules if there is not enough power for operation. Verify the status of your modules.

Associated OM registers

This log report has no associated OM registers.

Additional information

This log is the clear log for PP322.

PP324

The PP324 alarm signifies that the SNMPv2 entity, acting in an agent role, has detected that the rcChasFanOperStatus object for one of its fans is about to transition into the down state.

This trap is set when the fan goes down. The alarm is cleared when the fan comes up again.

For 3-slot and 6-slot chassis, there is a single fan.

A 10-slot chassis has two fans; one that cools the top 5 slots and the other that cools the bottom 5 slots.

The chassis will overheat if even a single fan goes down. Both fans are needed for the chassis to operate.

Format

The format for log report PP324 is as follows:

```
<OFFICE> <Severity> PP324 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>; fanId=<fanId>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 *** PP324 OCT26 01:28:49 0047 TBL PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Raised
Category: equipment
Cause: Fan status down
Time: Oct 26 01:28:49 2005
Component ID: ERS8600=47.142.106.1; fanId=1
Specific Problem: Fan down
Description: Fan Down: fanId= 1( OperationStatus = down )
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.7
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	***	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Equipment	Indicates the X.733/X.736-based category of the alarm
Cause	Fan status down	Text string indicating more information about the log
fanID	Integer (1-4)	An integer representing which fan is reported
Specific Problem	Fan down	Text string indicating more information about the log
Description	Character string	Explanation of the event
OperationStatus	Character string	Can be one of: unknown (1), up (2), down (3)

Action

Replace the fan. The lack of a fan on the switch can cause a temperature increase.

Associated OM registers

This log report has no associated OM registers.

Additional information

This log is cleared by the PP325 log.

PP325

The PP325 alarm signifies that the SNMPv2 entity, acting in an agent role, has detected that the rcChasFanOperStatus object for one of its fans is about to transition into the up state.

Format

The format for log report PP325 is as follows:

```
<OFFICE> <Severity> PP325 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>; fanId=<fanId>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP325 OCT26 01:28:49 0077 INFO PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Cleared
Category: equipment
Cause: Fan Status Up
Time: Oct 26 01:28:49 2005
Component ID: ERS8600=47.142.106.1; fanId=1
Specific Problem: Fan Up
Description: Fan Up: fanId= 1( OperationStatus = up )
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.21
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Cleared	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Equipment	Indicates the X.733/X.736-based category of the alarm
Cause	Fan status up	Text string indicating more information about the log
fanId	Integer (1-4)	An integer representing which fan is reported
Specific Problem	Fan up	Text string indicating more information about the log
Description	Character string	Explanation of the event
OperationStatus	Character string	Can be one of: unknown (1), up (2), down (3)

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This log is the clear log for PP324.

PP326

The PP326 alarm signifies that the SNMPv2 entity, acting in an agent role, has detected that the rcCardOperStatus object for one of its cards is about to transition into the down state.

Format

The format for log report PP326 is as follows:

```
<OFFICE> <Severity> PP326 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>; cardIndex=<cardIndex>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 *** PP326 OCT26 01:28:49 0051 TBL PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Raised
Category: equipment
Cause: Rc 2k Card Down
Time: Oct 26 01:28:49 2005
Component ID: ERS8600=47.142.106.1; cardIndex=1
Specific Problem: RC 2k Card Status
Description: Card Down: cardIndex = 1( AdminStatus = down Operation-
Status = down )
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.11
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	***	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Equipment	Indicates the X.733/X.736-based category of the alarm
Cause	Rc 2k card down	Text string indicating more information about the log
cardIndex	Integer (1-10)	An integer representing the slot number reported
Specific Problem	RC 2k card status	Text string indicating more information about the log
Description	Character string	Explanation of the event
AdminStatus	Character string	Can be one of: up (1), down (2), testing (3)
OperationStatus	Character string	Can be one of: up (1), down (2), testing (3), unknown (4), dormant (5)

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This log is cleared by the PP327 log.

PP327

The PP327 alarm signifies that the SNMPv2 entity, acting in an agent role, has detected that the rcCardOperStatus object for one of its cards is about to transition into the up state.

Format

The format for log report PP327 is as follows:

```
<OFFICE> <Severity> PP327 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>; cardIndex=<cardIndex>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP327 OCT26 01:28:49 0053 INFO PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Cleared
Category: equipment
Cause: Card status Up
Time: Oct 26 01:28:49 2005
Component ID: ERS8600=47.142.106.1; cardIndex=1
Specific Problem: RC 2k Card Status
Description: Card Up: cardIndex = 1( AdminStatus = up OperationStatus
= up )
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.12
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Cleared	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Equipment	Indicates the X.733/X.736-based category of the alarm
Cause	Card status up	Text string indicating more information about the log
cardIndex	Integer (1-10)	An integer representing the slot number reported
Specific Problem	RC 2k card status	Text string indicating more information about the log
Description	Character string	Explanation of the event
AdminStatus	Character string	Can be one of: up (1), down (2), testing (3), unknown (4), dormant (5)
OperationStatus	Character string	Can be one of: up (1), down (2), testing (3), unknown (4), dormant (5)

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This log is the clear log for PP326.

PP328

The PP328 alarm signifies that the SNMPv2 entity, acting in an agent role, has detected the chassis is over-heating.

This trap is generated at a threshold temperature of 48 degrees centigrade.

Format

The format for log report PP328 is as follows:

```
<OFFICE> <Severity> PP328 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
  Location: <ERS8600 Display Name>;<ERS8600 IP Address>
  State: <State>
  Category: <Category>
  Cause: <Cause>
  Time: Mmm DD hh:mm:ss YYYY
  Component ID: ERS8600=<ERS8600 IP Address>
  Specific Problem: <Specific Problem>
  Description: <Description of Problem>
```

An example log format is as follows:

```
zsup3f8 *** PP328 OCT26 01:28:49 0055 TBL PP Fault
  Location: ERS8600_RTP;47.142.106.1
  State: Raised
  Category: equipment
  Cause: Over-heating of the chassis detected
  Time: Oct 26 01:28:49 2005
  Component ID: ERS8600=47.142.106.1
  Specific Problem: RC 2K Chassis Temperature
  Description: Chassis over-heating: rc2kChassisTemperature = 50
  .1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.13
  .1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	Can be one of *** or no asterisks	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised or Cleared	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Equipment	Indicates the X.733/X.736-based category of the alarm
Cause	Over-heating of the chassis detected	Text string indicating more information about the log
Specific Problem	RC 2K chassis temperature	Text string indicating more information about the log
Description	Character string	Explanation of the event
rc2kChassisTemperature	Character string	Indicates the temperature of the chassis. When the temperature is ≥ 48 degrees, a critical alarm will be raised. Once the temperature is <48 degrees, raise a corresponding clear alarm.

Action

Immediate attention is required to determine the cause of the overheating chassis, such as a fan not working properly. There is a risk of failure for modules in the chassis.

Associated OM registers

This log report has no associated OM registers.

Additional information

This log is also the clear log.

PP329

The PP329 alarm signifies that the SNMPv2 entity, acting in an agent role, has detected that an error condition has occurred.

Format

The format for log report PP329 is as follows:

```
<OFFICE> <Severity> PP329 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP329 OCT26 01:28:48 0023 TBL PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Raised
Category: other
Cause: Error condition occurred
Time: Oct 26 01:28:48 2005
Component ID: ERS8600=47.142.106.1
Specific Problem: RC 2K Error
Description: Error occurred: Error Level = 0 ( Error Code = 1 Error Text
= )
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.3
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	Can be one of no asterisks, **, or ***	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Other	Indicates the X.733/X.736-based category of the alarm
Cause	Error condition occurred	Text string indicating more information about the log
Specific Problem	RC 2K error	Text string indicating more information about the log
Description	Character string	Explanation of the event
Error level	Character string	Error level = 0 or 1, indicates warning alarm. Error level = 2 or 3, indicates major alarm. Error level = 4, indicates critical alarm.

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP330

The PP330 alarm signifies that the SNMPv2 entity, acting in an agent role, has detected an excessive number of link state transitions on the specified port.

Format

The format for log report PP330 is as follows:

```
<OFFICE> <Severity> PP330 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>; portIndex=<portIndex>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 ** PP330 OCT26 01:28:49 0049 TBL PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Raised
Category: equipment
Cause: Link Oscillation detected
Time: Oct 26 01:28:49 2005
Component ID: ERS8600=47.142.106.1; portIndex=1
Specific Problem: RC Link Oscillation
Description: LinkOscillation: portIndex = 1
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.8
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	**	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Equipment	Indicates the X.733/X.736-based category of the alarm
Cause	Link oscillation detected	Text string indicating more information about the log
portIndex	Integer	An index value that uniquely identified a port. This value is similar to ifIndex in MIB2.
Specific Problem	RC link oscillation	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This event can cause severe impact on the network performance, specifically because of route flapping and route recalculation. Immediate attention is required to determine the cause of the oscillation.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP331

The PP331 alarm signifies that the SNMPv2 entity, acting in an agent role, has received a PDU with an invalid source MAC address.

Format

The format for log report PP331 is as follows:

```
<OFFICE> <Severity> PP331 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>; portIndex=<portIndex>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 *** PP331 OCT26 01:28:49 0061 TBL PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Raised
Category: other
Cause: RC Mac Violation
Time: Oct 26 01:28:49 2005
Component ID: ERS8600=47.142.106.1; portIndex=1
Specific Problem: RC Mac violation
Description: RC Mac Violation: portIndex= 1( rcErrorText = )
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.9
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
.1.3.6.1.2.1.2.2.1.1.0: 0
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	***	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection

Field	Value	Description
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Other	Indicates the X.733/X.736-based category of the alarm
Cause	RC MAC violation	Text string indicating more information about the log
portIndex	Integer	An index value that uniquely identifies a port. This value is similar to ifIndex in MIB2.
Specific Problem	RC MAC violation	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP332

The PP332 alarm signifies that the SNMPv2 entity, acting in an agent role, has detected a change of status on a SONET port.

Format

The format for log report PP332 is as follows:

```
<OFFICE> <Severity> PP332 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>; portIndex=<portIndex>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP332 OCT26 01:28:49 0059 TBL PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Raised
Category: other
Cause: Sonet port status change
Time: Oct 26 01:28:49 2005
Component ID: ERS8600=47.142.106.1; portIndex=1
Specific Problem: Sonet port status change
Description: Sonet Trap: portIndex = 1( TrapType = sectionAlarm Trap
Indication = sectionLossOfSignal )
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.10
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection

Field	Value	Description
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Other	Indicates the X.733/X.736-based category of the alarm
Cause	SONET port status change	Text string indicating more information about the log
portIndex	Integer	An index value that uniquely identifies a port. This value is similar to ifIndex in MIB2.
Specific Problem	SONET port status change	Text string indicating more information about the log
Description	Character string	Explanation of the event
TrapType	Character string	Can be one of: sectionAlarm (1), lineAlarm (2), pathAlarm (3)
Trap Indication	Character string	Can be one of: noDefect (1), sectionLossOfSignal (2), sectionLossOfFrame (3), lineAlarmIndication (4), lineRemoteDefectIndication (5), pathLossOfPointer (6), pathAlarmIndication (7), pathRemoteDefectIndication (8), pathUnequipped (9), pathSignalLabelMismatch (10), pathTraceMismatch (11)

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP333

The PP333 alarm signifies that the SNMPv2 entity, acting in an agent role, has detected the Spanning Tree Protocol has declared the device to be the new root of the spanning tree.

Format

The format for log report PP333 is as follows:

```
<OFFICE> <Severity> PP333 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>; stgId=<stgId>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsup3f8 PP333 OCT26 01:28:48 0025 TBL PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Raised
Category: other
Cause: Stp New Root
Time: Oct 26 01:28:48 2005
Component ID: ERS8600=47.142.106.1; stgId=1
Specific Problem: Stp New Root
Description: Stp New Root: stgId = 1
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.4
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Other	Indicates the X.733/X.736-based category of the alarm
Cause	STP new root	Text string indicating more information about the log
stgld	Integer (1-64)	An identifier used to indicate the spanning tree group (STG) in the device
Specific Problem	STP new root	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

To minimize traffic interruption, track the problem to discover why there was a topology change resulting in a new election process.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP334

The PP334 alarm signifies that the SNMPv2 entity, acting in an agent role, has detected the Spanning Tree Protocol (STP) has changed due to a topology change event.

Format

The format for log report PP334 is as follows:

```
<OFFICE> <Severity> PP334 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>; stgId=<stgId>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP334 OCT26 01:28:48 0027 TBL PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Raised
Category: other
Cause: Stp Topology change
Time: Oct 26 01:28:48 2005
Component ID: ERS8600=47.142.106.1; stgId=1
Specific Problem: Stp Topology change
Description: Stp Topology change: stgId= 1( portIndex = 1)
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.5
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Other	Indicates the X.733/X.736-based category of the alarm
Cause	STP topology change	Text string indicating more information about the log
stgld	Integer (1-64)	An identifier used to indicate a spanning tree group (STG) in the device
Specific Problem	STP topology change	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

An STP change can cause significant packet loss due to the convergence of the network. Monitor this event closely.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP335

The PP335 alarm signifies that the SNMPv2 entity, acting in an agent role, has detected the Spanning Tree Protocol has changed due a topology change event.

Format

The format for log report PP335 is as follows:

```
<OFFICE> <Severity> PP335 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>; portIndex=<portIndex>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP335 OCT26 01:28:49 0067 TBL PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Raised
Category: other
Cause: Stp TCN
Time: Oct 26 01:28:49 2005
Component ID: ERS8600=47.142.106.1; portIndex=1
Specific Problem: Stp TCN
Description: Stp TCN: portIndex= 1( stgId= 1 BridgeAddress=
00-08-74-F0-3C-EC )
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.16
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Other	Indicates the X.733/X.736-based category of the alarm
Cause	STP TCN	Text string indicating more information about the log
portIndex	Integer	An index value that uniquely identifies a port. This value is similar to ifIndex in MIB2.
Specific Problem	STP TCN	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP336

The PP336 alarm signifies that the SNMPv2 entity, acting in an agent role, has detected that the rc2kAtmPvcOamVcStatus object for one of the PVCs is about to transition into a different state, either from up to down or from down to up.

Format

The format for log report PP336 is as follows:

```
<OFFICE> <Severity> PP336 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
  Location: <ERS8600 Display Name>;<ERS8600 IP Address>
  State: <State>
  Category: <Category>
  Cause: <Cause>
  Time: Mmm DD hh:mm:ss YYYY
  Component ID: ERS8600=<ERS8600 IP Address>;
rc2kAtmPvcIfIndex=<rc2kAtmPvcIfIndex>
  Specific Problem: <Specific Problem>
  Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 ** PP336 OCT26 01:28:49 0065 TBL PP Fault
  Location: ERS8600_RTP;47.142.106.1
  State: Raised
  Category: environmental
  Cause: PVC link status change
  Time: Oct 26 01:28:49 2005
  Component ID: ERS8600=47.142.106.1; rc2kAtmPvcIfIndex=0
  Specific Problem: PVC link status change
  Description: Atm Pvc Link State Change: AtmPvcIfIndex = 0( AtmPvcVpi
= 0 AtmPvcVci = 0 AtmPvcOamVcStatus = down)
  .1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.15
  .1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	Can be one of no asterisks, *, or **	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised or Cleared	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Environmental	Indicates the X.733/X.736-based category of the alarm
Cause	PVC link status change	Text string indicating more information about the log
rc2kAtmPvcIflIndex	Integer	Port number of the interface
Specific Problem	PVC link status change	Text string indicating more information about the log

Field	Value	Description
Description	Character string	Explanation of the event
AtmPvcOamVcStatus	Character string	AtmPvcOamVcStatus = "notManaged", indicates info alarm. AtmPvcOamVcStatus = "downVerify" or "upVerify", indicates minor alarm. AtmPvcOamVcStatus = "down", indicates major alarm. AtmPvcOamVcStatus = "up", indicates clear alarm.

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This log is also the clear log.

PP337

The PP337 alarm signifies that the split MLT link status has changed from down to up.

Format

The format for log report PP337 is as follows:

```
<OFFICE> <Severity> PP337 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsup3f8      PP337 OCT26 01:28:49 0069 INFO PP  Fault
Location: ERS8600_RTP;47.142.106.1
State: Cleared
Category: other
Cause: Split MLT link status up
Time: Oct 26 01:28:49 2005
Component ID: ERS8600=47.142.106.1
Specific Problem: Split MLT link status up
Description: Split MLT link status up
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.17
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Cleared	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Other	Indicates the X.733/X.736-based category of the alarm
Cause	Split MLT link status up	Text string indicating more information about the log
Specific Problem	Split MLT link status up	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This log is the clear log for PP338.

PP338

The PP338 alarm signifies that the split MLT links status has changed from up to down.

Format

The format for log report PP338 is as follows:

```
<OFFICE> <Severity> PP338 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 ** PP338 OCT26 01:28:49 0071 TBL PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Raised
Category: other
Cause: Split MLT Link Status Down
Time: Oct 26 01:28:49 2005
Component ID: ERS8600=47.142.106.1
Specific Problem: Split MLT Link Status Down
Description: Split MLT Link Status Down
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.18
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	**	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection

Field	Value	Description
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Other	Indicates the X.733/X.736-based category of the alarm
Cause	Split MLT Link status down	Text string indicating more information about the log
Specific Problem	Split MLT Link status down	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This log is cleared by the PP337 log.

PP339

The PP339 alarm signifies that the split SMLT link is up.

Format

The format for log report PP339 is as follows:

```
<OFFICE> <Severity> PP339 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
  Location: <ERS8600 Display Name>;<ERS8600 IP Address>
  State: <State>
  Category: <Category>
  Cause: <Cause>
  Time: Mmm DD hh:mm:ss YYYY
  Component ID: ERS8600=<ERS8600 IP Address>; rcMltSmltId=<rcMltSmltId>
  Specific Problem: <Specific Problem>
  Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP339 OCT26 01:28:49 0073 INFO PP Fault
  Location: ERS8600_RTP;47.142.106.1
  State: Cleared
  Category: other
  Cause: Split SMLT link up
  Time: Oct 26 01:28:49 2005
  Component ID: ERS8600=47.142.106.1; rcMltSmltId=1
  Specific Problem: Split SMLT Link status
  Description: Split SMLT link up: rcMltSmltId = 1
  .1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.19
  .1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection

Field	Value	Description
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Cleared	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Other	Indicates the X.733/X.736-based category of the alarm
Cause	Split SMLT link up	Text string indicating more information about the log
rcMltSmltId	Integer (1-32)	The Split MLT ID.
Specific Problem	Split SMLT Link status	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This log is the clear log for PP340.

PP340

The PP340 alarm signifies that the split SMLT link is down.

Format

The format for log report PP340 is as follows:

```
<OFFICE> <Severity>   PP340 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
  Location: <ERS8600 Display Name>;<ERS8600 IP Address>
  State: <State>
  Category: <Category>
  Cause: <Cause>
  Time: Mmm DD hh:mm:ss YYYY
  Component ID: ERS8600=<ERS8600 IP Address>; rcMltSmltId=<rcMltSmltId>
  Specific Problem: <Specific Problem>
  Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8  **   PP340 OCT26 01:28:49 0075 TBL  PP Fault
  Location: ERS8600_RTP;47.142.106.1
  State: Raised
  Category: other
  Cause: Split SMLT Link down
  Time: Oct 26 01:28:49 2005
  Component ID: ERS8600=47.142.106.1; rcMltSmltId=1
  Specific Problem: Split SMLT link status
  Description: Split SMLT link down: rcMltSmltId = 1
  .1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.20
  .1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	**	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection

Field	Value	Description
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Other	Indicates the X.733/X.736-based category of the alarm
Cause	Split SMLT Link down	Text string indicating more information about the log
rcMltSmltId	Integer (1-32)	The Split MLT ID.
Specific Problem	Split SMLT link status	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This log is cleared by the PP339 log.

PP341

The PP341 alarm signifies that the SNMPv2 entity, acting in an agent role, has detected that one of the CLI passwords has changed.

Format

The format for log report PP341 is as follows:

```
<OFFICE> <Severity> PP341 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP341 OCT26 01:28:49 0081 TBL PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Raised
Category: security
Cause: CLI password changed
Time: Oct 26 01:28:49 2005
Component ID: ERS8600=47.142.106.1
Specific Problem: CLI password has been changed
Description: CLI password changed ( PasswordChange = ssladmin Pass-
ChangeResult = success)
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.22
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection

Field	Value	Description
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Security	Indicates the X.733/X.736-based category of the alarm
Cause	CLI password changed	Text string indicating more information about the log
Specific Problem	CLI password has been changed	Text string indicating more information about the log
Description	Character string	Explanation of the event
PasswordChange	Character string	Can be one of: ro (1), l1 (2), l2 (3), l3 (4), rw (5), rwa (6), slboper (7), l4oper (8), oper (9), slbadmin (10), l4admin (11), ssladmin (12), commStrRo (13), commStrRw (14), commStrl3 (15), commStrl2 (16), commStrl1 (17), webPassWdRo (18)
PassChangeResult	Character string	Can be one of: success (1), fail (2)

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP342

The PP342 alarm signifies that the SNMPv2 entity, acting in an agent role, has detected that the PCMCIA card is being removed.

Format

The format for log report PP342 is as follows:

```
<OFFICE> <Severity> PP342 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 *** PP342 OCT26 01:28:49 0085 TBL PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Raised
Category: equipment
Cause: PCMCIA card is being removed.
Time: Oct 26 01:28:49 2005
Component ID: ERS8600=47.142.106.1
Specific Problem: PCMCIA card removed.
Description: PCMCIA card is being removed.
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.25
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	***	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection

Field	Value	Description
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Equipment	Indicates the X.733/X.736-based category of the alarm
Cause	PCMCIA card is being removed	Text string indicating more information about the log
Specific Problem	PCMCIA card removed	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP343

The PP343 alarm signifies that the CPLD timer expired.

Format

The format for log report PP343 is as follows:

```
<OFFICE> <Severity>   PP343 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
  Location: <ERS8600 Display Name>;<ERS8600 IP Address>
  State: <State>
  Category: <Category>
  Cause: <Cause>
  Time: Mmm DD hh:mm:ss YYYY
  Component ID: ERS8600=<ERS8600 IP Address>; CardIndex=<CardIndex>
  Specific Problem: <Specific Problem>
  Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8  **   PP343 OCT26 01:28:49 0087 TBL  PP Fault
  Location: ERS8600_RTP;47.142.106.1
  State: Raised
  Category: equipment
  Cause: cpld timer fired
  Time: Oct 26 01:28:49 2005
  Component ID: ERS8600=47.142.106.1; CardIndex=1
  Specific Problem: cpld timer fired
  Description: cpld timer fired: CardIndex = 1
  .1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.26
  .1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	**	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection

Field	Value	Description
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Equipment	Indicates the X.733/X.736-based category of the alarm
Cause	CPLD timer fired	Text string indicating more information about the log
CardIndex	Integer (1-10)	An integer representing the slot number reported
Specific Problem	CPLD timer fired	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP344

The PP344 alarm signifies that the CPLD is not up-to-date.

Format

The format for log report PP344 is as follows:

```
<OFFICE> <Severity> PP344 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>; CardIndex=<CardIndex>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 ** PP344 OCT26 01:28:49 0089 TBL PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Raised
Category: equipment
Cause: cpld is not up to date
Time: Oct 26 01:28:49 2005
Component ID: ERS8600=47.142.106.1; CardIndex=1
Specific Problem: cpld not up to date
Description: cpld is not up to date: CardIndex = 1
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.27
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	**	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection

Field	Value	Description
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Equipment	Indicates the X.733/X.736-based category of the alarm
Cause	CPLD is not up to date	Text string indicating more information about the log
CardIndex	Integer (1-10)	An integer representing the slot number reported
Specific Problem	CPLD not up to date	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP345

The PP345 alarm signifies that the IGAP accounting time-out log file reached the maximum size.

Format

The format for log report PP345 is as follows:

```
<OFFICE> <Severity> PP345 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 ** PP345 OCT26 01:28:49 0091 INFO PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Raised
Category: processingError
Cause: Igap Log file full
Time: Oct 26 01:28:49 2005
Component ID: ERS8600=47.142.106.1
Specific Problem: Igap Log file full
Description: Igap accounting time-out Log File reach the maximum.
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.28
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	**	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection

Field	Value	Description
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	processingError	Indicates the X.733/X.736-based category of the alarm
Cause	IGAP log file full	Text string indicating more information about the log
Specific Problem	IGAP log file full	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP346

The PP346 alarm signifies that the cp limit for the port is shutting down.

Format

The format for log report PP346 is as follows:

```
<OFFICE> <Severity> PP346 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>; PortIndex=<PortIndex>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 ** PP346 OCT26 01:28:50 0093 TBL PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Raised
Category: equipment
Cause: cp limit for the port is shutting down
Time: Oct 26 01:28:50 2005
Component ID: ERS8600=47.142.106.1; PortIndex=1
Specific Problem: cp limit for the port is shutting down
Description: Cp limit for port is shutting down: PortIndex= 1( Admin-
Status = up OperStatus = down CpLimitShutDown = true)
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.29
.1.3.6.1.4.1.2272.1.21.0.29: 0
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	**	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection

Field	Value	Description
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Equipment	Indicates the X.733/X.736-based category of the alarm
Cause	CP limit for the port is shutting down	Text string indicating more information about the log
PortIndex	Integer	An index value that uniquely identifies a port. This value is similar to ifIndex in MIB2.
Specific Problem	CP limit for the port is shutting down	Text string indicating more information about the log
Description	Character string	Explanation of the event
AdminStatus	Character string	Can be one of: up (1), down (2), testing (3)
OperationStatus	Character string	Can be one of: up (1), down (2), testing (3), unknown (4), dormant (5)
CpLimitShutDown	Character string	Can be one of: true (1), false (2)

Action

This message indicates suspicious activity, usually a loop not broken by the STP or an illegal activity, on the port reported by the log message. Immediate action is required to determine the source of the issue.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP347

The PP347 alarm signifies that the SSH server is enabled.

Format

The format for log report PP347 is as follows:

```
<OFFICE> <Severity> PP347 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>;
SshGlobalPort=<SshGlobalPort>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsup3f8      PP347 OCT26 01:28:50 0097 INFO PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Cleared
Category: communications
Cause: SSH server is enabled
Time: Oct 26 01:28:50 2005
Component ID: ERS8600=47.142.106.1; SshGlobalPort=1
Specific Problem: SSH server enabled
Description: SSH server is enabled: SshGlobalPort = 1
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.30
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Cleared	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Communications	Indicates the X.733/X.736-based category of the alarm
Cause	SSH server is enabled	Text string indicating more information about the log
SshGlobalPort	Integer	SSH connection port
Specific Problem	SSH server enabled	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This log is the clear log for PP348.

PP348

The PP348 alarm signifies that the SSH server is disabled.

Format

The format for log report PP348 is as follows:

```
<OFFICE> <Severity> PP348 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
  Location: <ERS8600 Display Name>;<ERS8600 IP Address>
  State: <State>
  Category: <Category>
  Cause: <Cause>
  Time: Mmm DD hh:mm:ss YYYY
  Component ID: ERS8600=<ERS8600 IP Address>;
  SshGlobalPort=<SshGlobalPort>
  Specific Problem: <Specific Problem>
  Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 ** PP348 OCT26 01:28:50 0095 TBL PP Fault
  Location: ERS8600_RTP;47.142.106.1
  State: Raised
  Category: communications
  Cause: SSH server is disabled
  Time: Oct 26 01:28:50 2005
  Component ID: ERS8600=47.142.106.1; SshGlobalPort=1
  Specific Problem: SSH server disabled
  Description: SSH server is disabled: SshGlobalPort = 1
  .1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.31
  .1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	**	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection

Field	Value	Description
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Communications	Indicates the X.733/X.736-based category of the alarm
Cause	SSH server is disabled	Text string indicating more information about the log
SshGlobalPort	Integer	SSH connection port
Specific Problem	SSH server disabled	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This log is cleared by the PP347 log.

PP349

The PP349 alarm signifies that there is an SSH session login.

Format

The format for log report PP349 is as follows:

```
<OFFICE> <Severity> PP349 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
  Location: <ERS8600 Display Name>;<ERS8600 IP Address>
  State: <State>
  Category: <Category>
  Cause: <Cause>
  Time: Mmm DD hh:mm:ss YYYY
  Component ID: ERS8600=<ERS8600 IP Address>;
  SshGlobalHostIpAddr=<SshGlobalHostIpAddr>
  Specific Problem: <Specific Problem>
  Description: <Description of Problem>
```

An example log format is as follows:

```
zsup3f8 PP349 OCT26 01:28:50 0099 INFO PP Fault
  Location: ERS8600_RTP;47.142.106.1
  State: None
  Category: communications
  Cause: SSH Session login
  Time: Oct 26 01:28:50 2005
  Component ID: ERS8600=47.142.106.1; SshGlobalHostIpAddr=47.142.106.60
  Specific Problem: SSH Session login
  Description: SSH session login occurred: SshGlobalHostIpAddr =
  47.142.106.60
  .1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.32
  .1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection

Field	Value	Description
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	None	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Communications	Indicates the X.733/X.736-based category of the alarm
Cause	SSH Session login	Text string indicating more information about the log
SshGlobalHostIpAddr	IPv4 IP address	Indicates the source IP address of the remote PC executing the SSH session
Specific Problem	SSH Session login	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP350

The PP350 alarm signifies that there is an SSH session logout.

Format

The format for log report PP350 is as follows:

```
<OFFICE> <Severity> PP350 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>;
SshGlobalHostIpAddr=<SshGlobalHostIpAddr>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP350 OCT26 01:28:50 0101 INFO PP Fault
Location: ERS8600_RTP;47.142.106.1
State: None
Category: communications
Cause: SSH session logout
Time: Oct 26 01:28:50 2005
Component ID: ERS8600=47.142.106.1; SshGlobalHostIpAddr=47.142.106.60
Specific Problem: SSH session logout
Description: SSH session logout occurred: SshGlobalHostIpAddr =
47.142.106.60
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.33
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection

Field	Value	Description
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	None	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Communications	Indicates the X.733/X.736-based category of the alarm
Cause	SSH session logout	Text string indicating more information about the log
SshGlobalHostIpAddr	IPv4 IP address	Indicates the source IP address of the remote PC terminating the SSH session
Specific Problem	SSH session logout	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP351

The PP351 alarm signifies that an unauthorized access has occurred.

Format

The format for log report PP351 is as follows:

```
<OFFICE> <Severity> PP351 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
  Location: <ERS8600 Display Name>;<ERS8600 IP Address>
  State: <State>
  Category: <Category>
  Cause: <Cause>
  Time: Mmm DD hh:mm:ss YYYY
  Component ID: ERS8600=<ERS8600 IP Address>;
  SshGlobalHostIpAddr=<SshGlobalHostIpAddr>
  Specific Problem: <Specific Problem>
  Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 *** PP351 OCT26 01:28:50 0103 TBL PP Fault
  Location: ERS8600_RTP;47.142.106.1
  State: Raised
  Category: security
  Cause: Unauthorized access
  Time: Oct 26 01:28:50 2005
  Component ID: ERS8600=47.142.106.1; SshGlobalHostIpAddr=47.142.106.60
  Specific Problem: Unauthorized access
  Description: Unauthorized access occurred: SshGlobalHostIpAddr =
47.142.106.60
  .1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.34
  .1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	***	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection

Field	Value	Description
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Security	Indicates the X.733/X.736-based category of the alarm
Cause	Unauthorized access	Text string indicating more information about the log
SshGlobalHostIpAddr	IPv4 IP address	Indicates the source IP address of the remote PC executing the unauthorized access
Specific Problem	Unauthorized access	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

If multiple instances of this event occur, create a filter to block the unauthorized station. Monitor the port over which the session is established.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP352

The PP352 alarm signifies that the state of the HA-CPU has changed.

Format

The format for log report PP352 is as follows:

```
<OFFICE> <Severity> PP352 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>; CardIndex=<CardIndex>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 *** PP352 OCT26 01:28:50 0105 TBL PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Raised
Category: equipment
Cause: State of the HA-CPU
Time: Oct 26 01:28:50 2005
Component ID: ERS8600=47.142.106.1; CardIndex=1
Specific Problem: State of the HA-CPU
Description: State of the HA-CPU: CardIndex = 1 (HaCpuState = ini-
tialization)
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.35
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	***	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection

Field	Value	Description
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Equipment	Indicates the X.733/X.736-based category of the alarm
Cause	State of the HA-CPU	Text string indicating more information about the log
CardIndex	Integer (1-10)	An integer representing the slot number reported
Specific Problem	State of the HA-CPU	Text string indicating more information about the log
Description	Character string	Explanation of the event
HaCpuState	Character string	Can be one of: initialization (0), oneWayActive (1), twoWayActive (2), synchronized (3), remoteIncompatible (4) , error (5), disabled (6), peerNotConnected (7), peerConnected (8), lostPeerConnection (9), notSynchronized (10)

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP353

The PP353 alarm signifies insufficient memory on the CPU blade for proper operation. Recommended memory is 256 MB and is available through the Nortel Networks upgrade kit.

Format

The format for log report PP353 is as follows:

```
<OFFICE> <Severity> PP353 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>; CardIndex=<CardIndex>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 *** PP353 OCT26 01:28:50 0107 TBL PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Raised
Category: environmental
Cause: Insufficient memory on CPU blade for proper operation
Time: Oct 26 01:28:50 2005
Component ID: ERS8600=47.142.106.1; CardIndex=1
Specific Problem: Insufficient memory on CPU
Description: Insufficient memory: CardIndex = 1
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.36
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	***	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Environmental	Indicates the X.733/X.736-based category of the alarm
Cause	Insufficient memory on CPU blade for proper operation	Text string indicating more information about the log
CardIndex	Integer (1-10)	An integer representing the slot number reported
Specific Problem	Insufficient memory on CPU	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

Upgrade the memory.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP354

The PP354 alarm signifies that the switch run time or boot configuration is being saved.

Format

The format for log report PP354 is as follows:

```
<OFFICE> <Severity> PP354 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP354 OCT26 01:28:50 0109 INFO PP Fault
Location: ERS8600_RTP;47.142.106.1
State: None
Category: processingError
Cause: Switch run time or boot configuration is saved
Time: Oct 26 01:28:50 2005
Component ID: ERS8600=47.142.106.1
Specific Problem: Switch configuration saved
Description: Switch configuration saved: SysAction = none
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.37
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection

Field	Value	Description
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	None	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	processingError	Indicates the X.733/X.736-based category of the alarm
Cause	Switch run time or boot configuration is saved	Text string indicating more information about the log
Specific Problem	Switch configuration saved	Text string indicating more information about the log
Description	Character string	Explanation of the event
SysAction	Character string	Can be one of: none (1), hardReset (2), softReset (3), saveToNVRAM (4), resetCounters (5), saveToStandbyNVRAM (6), cpuSwitchOver (7), checkSwInFlash (8), checkSwInPcmcia (9), resetConsole (10), resetModem (11), flushIpRouteTbl (12), saveRuntimeConfig (13), saveRuntimeConfigToSlave (14), saveBootConfig (15), saveSlaveBootConfig (16), resetIstStatCounters (17)

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP355

The PP355 alarm signifies that a loop has been detected on a port. The VLAN on that port will be disabled.

Format

The format for log report PP355 is as follows:

```
<OFFICE> <Severity> PP355 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>; PortIndex=<PortIndex>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 *** PP355 OCT26 01:28:50 0111 TBL PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Raised
Category: communications
Cause: Loop detected on port. The vlan on that port will be disabled
Time: Oct 26 01:28:50 2005
Component ID: ERS8600=47.142.106.1; PortIndex=1
Specific Problem: Loop detected on port.
Description: Loop detected on port: PortIndex = 1 (rcVlanId = 1)
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.38
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	***	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection

Field	Value	Description
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Communications	Indicates the X.733/X.736-based category of the alarm
Cause	Loop detected on port. The VLAN on that port will be disabled	Text string indicating more information about the log
PortIndex	Integer	An index value that uniquely identifies a port. This value is similar to ifIndex in MIB2.
Specific Problem	Loop detected on port	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP356

The PP356 alarm signifies that a state transition has occurred on a particular VRRP interface. Implementation of this trap is optional. 'vrrpOperIpAddr' contains the IP address of the VRRP interface while 'ipAdEntAddr' contains the IP address assigned to physical interface.

Format

The format for log report PP356 is as follows:

```
<OFFICE> <Severity> PP356 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>; ifIndex=<ifIndex>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsup3f8 *** PP356 OCT26 01:28:49 0063 TBL PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Raised
Category: communications
Cause: State transition has occurred on vrrp interface
Time: Oct 26 01:28:49 2005
Component ID: ERS8600=47.142.106.1; ifIndex=100
Specific Problem: Trap state transition
Description: State Transition: ifIndex = 100 (TransitionType = mas-
terToBackup TransitionCause = shutdownReceived Port = 37 Slot = 1)
.1.3.6.1.2.1.4.20.1.1.0: 0.0.0.0
.1.3.6.1.2.1.46.1.1.10.1.3.0: 0.0.0.0
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.2.1.46.1.3.0.3.0
.1.3.6.1.2.1.46.1.1.10.1.2.0: 0
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	***	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Communications	Indicates the X.733/X.736-based category of the alarm
Cause	State transition has occurred on VRRP interface	Text string indicating more information about the log

Field	Value	Description
ifIndex	Integer	<p>Indicates the physical information appended to OperationStatus. The actual physical information is determined by ifIndex.</p> <p>ifIndex >= 64 and ifIndex <= 703 the information is: Port = '(ifIndex & 0x3f) + 1' Slot = 'ifIndex >>6'</p> <p>ifIndex >= 832 and ifIndex <= 863 the information is: Circuitless IP = 'ifIndex - 832 + 1'</p> <p>ifIndex >= 2048 and ifIndex <= 4095 the information is: VLAN = 'ifIndex - 2048 + 1'</p> <p>ifIndex >= 4096 and ifIndex <= 4127 the information is: MLT = 'ifIndex - 4096 + 1'</p> <p>ifIndex >= 4352 and ifIndex <= 5351 the information is: Tunnel = 'ifIndex - 4352 + 1'</p> <p>An ifIndex not within the above ranges, the information is: unknown of ifIndex meaning</p> <p>Note: The content in “ part will be calculated out.</p>
Specific Problem	Trap state transition	Text string indicating more information about the log
Description	Character string	Explanation of the event

Field	Value	Description
TransitionType	Character string	Can be one of: none (1), masterToBackup (2), backupToMaster (3), initializeToMaster (4), masterToInitialize (5), initializeToBackup (6), backupToInitialize (7), backupToBackUpMaster (8), backUpMasterToBackup (9)
TransitionCause	Character string	Can be one of: none (1), higherPriorityAdvertizeReceived (2), shutdownReceived (3), vrrpAddrAndPhysicalAddrMatch (4), masterDownInterval (5), preempted (6), criticalIPFail (7), usrConfig (8), syncFromPrimary (9), iPInterfaceDown (10), lowerPrioAdvReceived (11), higherSrcIPEqualPrioAdvReceived (12), lowerSrcIPEqualPrioAdvReceived (13), startVR (14) , other (15)

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP357

The PP357 alarm signifies that the SNMPv2 entity, acting in an agent role, has detected an Em error.

Format

The format for log report PP357 is as follows:

```
<OFFICE> <Severity> PP357 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>; CardIndex=<CardIndex>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP357 OCT26 01:28:49 0079 TBL PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Raised
Category: equipment
Cause: Em error detected
Time: Oct 26 01:28:49 2005
Component ID: ERS8600=47.142.106.1; CardIndex=1
Specific Problem: Em error detected
Description: Em error: CardIndex = 1 (Em Error = none)
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.23
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection

Field	Value	Description
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Equipment	Indicates the X.733/X.736-based category of the alarm
Cause	Em error detected	Text string indicating more information about the log
CardIndex	Integer (1-10)	An integer representing the slot number reported
Specific Problem	Em error detected	Text string indicating more information about the log
Description	Character string	Explanation of the event
Em Error	Character string	Can be one of: none (1), non128KCardOffLine (2), checkSlaveConfigNResetForEmM Mode (3), mismatchResetForEmMode (4), mismatchEmModeMasterSlave (5), incompatMasterResetForEmMode (6), putSlaveOffEmIncompat (7), slave8690EmIncompatGoingOffline (8), cpu8690DisableEm (9)

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP358

The PP358 alarm signifies that there has been a change in the state of an OSPF virtual interface. This trap should be generated when the interface state regresses, for example, goes from Point-to-Point to Down or progresses to a terminal state, for example, Point-to-Point.

Format

The format for log report PP358 is as follows:

```
<OFFICE> <Severity> PP358 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
  Location: <ERS8600 Display Name>;<ERS8600 IP Address>
  State: <State>
  Category: <Category>
  Cause: <Cause>
  Time: Mmm DD hh:mm:ss YYYY
  Component ID: ERS8600=<ERS8600 IP Address>;
ospfRouterId=<ospfRouterId>
  Specific Problem: <Specific Problem>
  Description: <Description of Problem>
```

An example log format is as follows:

```
zsup3f8      PP358 OCT26 01:28:48 0043 TBL  PP Fault
  Location: ERS8600_RTP;47.142.106.1
  State: Raised
  Category: environmental
  Cause: OSPF virtual interface state change
  Time: Oct 26 01:28:48 2005
  Component ID: ERS8600=47.142.106.1; ospfRouterId=47.142.106.70
  Specific Problem: OSPF virtual interface state change
  Description: OSPF virtual interface state change: ospfRouterId = 47.142.106.70 (AreaId = 47.154.182.1 Neighbor = 47.154.182.56 State = down)
    .1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.2.1.14.16.2.1
    .1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised or Cleared	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Environmental	Indicates the X.733/X.736-based category of the alarm
Cause	OSPF virtual interface state change	Text string indicating more information about the log
ospfRouterId	Integer	A 32-bit integer uniquely identifying the router in the Autonomous System. By convention, to ensure uniqueness, this should default to one of the router's IP interface addresses.
Specific Problem	OSPF virtual interface state change	Text string indicating more information about the log

Field	Value	Description
Description	Character string	Explanation of the event
State (in the description)	Character string	State = "down", indicates warning alarm. State = "pointToPoint", indicates clear alarm.

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This log is also the clear log.

PP359

The PP359 alarm signifies that there has been a change in the state of a non virtual OSPF neighbor. This trap should be generated when the neighbor state regresses, for example, changes from Attempt or Full to 1-Way or Down or progresses to a terminal state, for example, 2-Way or Full. When an neighbor transitions from or to Full on non broadcast multiaccess and broadcast networks, the trap is generated by the designated router. A designated router transitioning to Down is noted by ospflfStateChange.

Format

The format for log report PP359 is as follows:

```
<OFFICE> <Severity> PP359 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>;
ospfRouterId=<ospfRouterId>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP359 OCT26 01:28:48 0029 TBL PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Raised
Category: equipment
Cause: Non-virtual neighbor state change
Time: Oct 26 01:28:48 2005
Component ID: ERS8600=47.142.106.1; ospfRouterId=47.142.106.70
Specific Problem: Non-virtual OSPF neighbor state change
Description: Non-virtual neighbor state change: RouterId =
47.142.106.70 (NbrIpAddr = 47.154.182.56 NbrRouter = 47.154.182.1 State =
loading)
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.2.1.14.16.2.2
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
.1.3.6.1.2.1.14.10.1.2: 0
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised or Cleared	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Equipment	Indicates the X.733/X.736-based category of the alarm
Cause	Non-virtual neighbor state change	Text string indicating more information about the log
ospfRouterId	Integer	A 32-bit integer uniquely identifying the router in the Autonomous System. By convention, to ensure uniqueness, this should default to one of the router's IP interface addresses.
Specific Problem	Non-virtual OSPF neighbor state change	Text string indicating more information about the log

Field	Value	Description
Description	Character string	Explanation of the event
State (in the description)	Character string	State = "down", "attempt", "init", "twoWay", "exchangeStart", "exchange", "loading", indicates warning alarm. State = "full", indicates clear alarm.

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This log is also the clear log.

PP360

The PP360 alarm signifies that there has been a change in the state of an OSPF virtual neighbor. This trap should be generated when the neighbor state regresses, for example, changes from Attempt or Full to 1-Way or Down or progresses to a terminal state, for example, Full.

Format

The format for log report PP360 is as follows:

```
<OFFICE> <Severity> PP360 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
  Location: <ERS8600 Display Name>;<ERS8600 IP Address>
  State: <State>
  Category: <Category>
  Cause: <Cause>
  Time: Mmm DD hh:mm:ss YYYY
  Component ID: ERS8600=<ERS8600 IP Address>;
ospfRouterId=<ospfRouterId>
  Specific Problem: <Specific Problem>
  Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 * PP360 OCT26 01:28:48 0037 TBL PP Fault
  Location: ERS8600_RTP;47.142.106.1
  State: Raised
  Category: environmental
  Cause: Virtual OSPF neighbor state change
  Time: Oct 26 01:28:48 2005
  Component ID: ERS8600=47.142.106.1; ospfRouterId=47.142.106.70
  Specific Problem: Virtual OSPF neighbor state change
  Description: Virtual neighbor state change: RouterId = 47.142.106.70
(NbrArea = 47.154.182.56 NbrRouter = 47.154.182.1 State = loading)
  .1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.2.1.14.16.2.3
  .1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	Can be one of * or no asterisks	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised or Cleared	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Environmental	Indicates the X.733/X.736-based category of the alarm
Cause	Virtual OSPF neighbor state change	Text string indicating more information about the log
ospfRouterId	Integer	A 32-bit integer uniquely identifying the router in the Autonomous System. By convention, to ensure uniqueness, this should default to one of the router's IP interface addresses.
Specific Problem	Virtual OSPF neighbor state change	Text string indicating more information about the log
Description	Character string	Explanation of the event
State (in the description)	Character string	State = "down", "attempt", "init", "twoWay", "exchangeStart", "exchange", "loading", indicates warning alarm. State = "full", indicates clear alarm.

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This log is also the clear log.

PP361

The PP361 alarm signifies that a packet has been received on a non virtual interface from a router whose configuration parameters conflict with the destination router's configuration parameters. Note that the event option Mismatch should cause a trap only if it prevents an adjacency from forming.

Format

The format for log report PP361 is as follows:

```
<OFFICE> <Severity> PP361 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
  Location: <ERS8600 Display Name>;<ERS8600 IP Address>
  State: <State>
  Category: <Category>
  Cause: <Cause>
  Time: Mmm DD hh:mm:ss YYYY
  Component ID: ERS8600=<ERS8600 IP Address>;
ospfRouterId=<ospfRouterId>
  Specific Problem: <Specific Problem>
  Description: <Description of Problem>
```

An example log format is as follows:

```
zsup3f8 *** PP361 OCT26 01:28:48 0031 TBL PP Fault
  Location: ERS8600_RTP;47.142.106.1
  State: Raised
  Category: equipment
  Cause: Configuration error
  Time: Oct 26 01:28:48 2005
  Component ID: ERS8600=47.142.106.1; ospfRouterId=47.142.106.70
  Specific Problem: configuration error
  Description: IfConfig Error: ospfRouterId = 47.142.106.70 (IpAddress
= 47.154.182.56 )
  .1.3.6.1.2.1.14.7.1.2: 0
  .1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.2.1.14.16.2.4
  .1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	***	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Equipment	Indicates the X.733/X.736-based category of the alarm
Cause	Configuration error	Text string indicating more information about the log
ospfRouterId	Integer	A 32-bit integer uniquely identifying the router in the Autonomous System. By convention, to ensure uniqueness, this should default to one of the router's IP interface addresses.
Specific Problem	Configuration error	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP362

The PP362 alarm signifies that a packet has been received on a virtual interface from a router whose configuration parameters conflict with the destination router's configuration parameters. Note that the event optionMismatch should cause a trap only if it prevents an adjacency from forming.

Format

The format for log report PP362 is as follows:

```
<OFFICE> <Severity> PP362 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
  Location: <ERS8600 Display Name>;<ERS8600 IP Address>
  State: <State>
  Category: <Category>
  Cause: <Cause>
  Time: Mmm DD hh:mm:ss YYYY
  Component ID: ERS8600=<ERS8600 IP Address>;
ospfRouterId=<ospfRouterId>
  Specific Problem: <Specific Problem>
  Description: <Description of Problem>
```

An example log format is as follows:

```
zsup3f8 *** PP362 OCT26 01:28:48 0039 TBL PP Fault
  Location: ERS8600_RTP;47.142.106.1
  State: Raised
  Category: equipment
  Cause: Virtual interface configuration error
  Time: Oct 26 01:28:48 2005
  Component ID: ERS8600=47.142.106.1; ospfRouterId=47.142.106.70
  Specific Problem: Virtual interface configuration error
  Description: VirtIfConfigError: ospfRouterId = 47.142.106.70 (AreaId
= 47.154.182.1 Neighbor = 47.154.182.56 ErrorType =badVersion )
  .1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.2.1.14.16.2.5
  .1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	***	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Equipment	Indicates the X.733/X.736-based category of the alarm
Cause	Virtual interface configuration error	Text string indicating more information about the log
ospfRouterId	Integer	A 32-bit integer uniquely identifying the router in the Autonomous System. By convention, to ensure uniqueness, this should default to one of the router's IP interface addresses.
Specific Problem	Virtual interface configuration error	Text string indicating more information about the log

Field	Value	Description
Description	Character string	Explanation of the event
ErrorType	Character string	Can be one of: badVersion (1), areaMismatch (2), unknownNbmaNbr (3), unknownVirtualNbr (4), authTypeMismatch (5), authFailure (6), netMaskMismatch (7), helloIntervalMismatch (8), deadIntervalMismatch (9), optionMismatch (10), crcCheckFailed (11)

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP363

The PP363 alarm signifies that a packet has been received on a non virtual interface from a router whose authentication key or authentication type conflicts with the destination router's authentication key or authentication type.

Format

The format for log report PP363 is as follows:

```
<OFFICE> <Severity> PP363 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
  Location: <ERS8600 Display Name>;<ERS8600 IP Address>
  State: <State>
  Category: <Category>
  Cause: <Cause>
  Time: Mmm DD hh:mm:ss YYYY
  Component ID: ERS8600=<ERS8600 IP Address>;
ospfRouterId=<ospfRouterId>
  Specific Problem: <Specific Problem>
  Description: <Description of Problem>
```

An example log format is as follows:

```
zsup3f8 *** PP363 OCT26 01:28:48 0033 TBL PP Fault
  Location: ERS8600_RTP;47.142.106.1
  State: Raised
  Category: security
  Cause: ospf If authentication failure
  Time: Oct 26 01:28:48 2005
  Component ID: ERS8600=47.142.106.1; ospfRouterId=47.142.106.70
  Specific Problem: ospf If authentication failure
  Description: ospf If authentication failure: ospfRouterId =
47.142.106.70 (ConfigErrorType =authTypeMismatch)
  .1.3.6.1.2.1.14.7.1.2: 0
  .1.3.6.1.2.1.14.7.1.1: 0.0.0.0
  .1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.2.1.14.16.2.6
  .1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	***	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Security	Indicates the X.733/X.736-based category of the alarm
Cause	OSPF If authentication failure	Text string indicating more information about the log
ospfRouterId	Integer	A 32-bit integer uniquely identifying the router in the Autonomous System. By convention, to ensure uniqueness, this should default to one of the router's IP interface addresses.
Specific Problem	OSPF If authentication failure	Text string indicating more information about the log

Field	Value	Description
Description	Character string	Explanation of the event
ConfigErrorType	Character string	Can be one of: badVersion (1), areaMismatch (2), unknownNbmaNbr (3), unknownVirtualNbr (4), authTypeMismatch (5), authFailure (6), netMaskMismatch (7), helloIntervalMismatch (8), deadIntervalMismatch (9), optionMismatch (10), crcCheckFailed (11)

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP364

The PP364 alarm signifies that a packet has been received on a virtual interface from a router whose authentication key or authentication type conflicts with the destination router's authentication key or authentication type.

Format

The format for log report PP364 is as follows:

```
<OFFICE> <Severity> PP364 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
  Location: <ERS8600 Display Name>;<ERS8600 IP Address>
  State: <State>
  Category: <Category>
  Cause: <Cause>
  Time: Mmm DD hh:mm:ss YYYY
  Component ID: ERS8600=<ERS8600 IP Address>;
ospfRouterId=<ospfRouterId>
  Specific Problem: <Specific Problem>
  Description: <Description of Problem>
```

An example log format is as follows:

```
zsup3f8 *** PP364 OCT26 01:28:48 0041 TBL PP Fault
  Location: ERS8600_RTP;47.142.106.1
  State: Raised
  Category: security
  Cause: ospf virtual interface authentication failure
  Time: Oct 26 01:28:48 2005
  Component ID: ERS8600=47.142.106.1; ospfRouterId=47.142.106.70
  Specific Problem:
  Description: ospfVirtIfAuthFailure: ospfRouterId = 47.142.106.70 (Ar-
eaId = 47.154.182.1 Neighbor = 47.154.182.56 ErrorType =authTypeMismatch )
  .1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.2.1.14.16.2.7
  .1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	***	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Security	Indicates the X.733/X.736-based category of the alarm
Cause	OSPF virtual interface authentication failure	Text string indicating more information about the log
ospfRouterId	Integer	A 32-bit integer uniquely identifying the router in the Autonomous System. By convention, to ensure uniqueness, this should default to one of the router's IP interface addresses.
Specific Problem		Text string indicating more information about the log
Description	Character string	Explanation of the event
ErrorType	Character string	Can be one of: badVersion (1), areaMismatch (2), unknownNbmaNbr (3), unknownVirtualNbr (4), authTypeMismatch (5), authFailure (6), netMaskMismatch (7), helloIntervalMismatch (8), deadIntervalMismatch (9), optionMismatch (10), crcCheckFailed (11)

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP365

The PP365 alarm signifies that there has been a change in the state of a non virtual OSPF interface. This trap should be generated when the interface state regresses, for example, changes from Dr to Down or progresses to a terminal state, for example, Point-to-Point, DR Other, Dr, or Backup.

Format

The format for log report PP365 is as follows:

```
<OFFICE> <Severity> PP365 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
  Location: <ERS8600 Display Name>;<ERS8600 IP Address>
  State: <State>
  Category: <Category>
  Cause: <Cause>
  Time: Mmm DD hh:mm:ss YYYY
  Component ID: ERS8600=<ERS8600 IP Address>;
ospfRouterId=<ospfRouterId>
  Specific Problem: <Specific Problem>
  Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8          PP365 OCT26 01:28:48 0036 TBL  PP Fault
  Location: ERS8600_RTP;47.142.106.1
  State: Raised
  Category: equipment
  Cause: Non-virtual OSPF interface state change
  Time: Oct 26 01:28:48 2005
  Component ID: ERS8600=47.142.106.1; ospfRouterId=47.142.106.70
  Specific Problem: Non-virtual OSPF interface state change
  Description: Non-virtual OSPF interface state change: ospfRouterId = 47.142.106.70 (IpAddress = 47.154.182.56 State =down)
    .1.3.6.1.2.1.14.7.1.2: 0
    .1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.2.1.14.16.2.16
    .1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised or Cleared	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Equipment	Indicates the X.733/X.736-based category of the alarm
Cause	Non-virtual OSPF interface state change	Text string indicating more information about the log
ospfRouterId	Integer	A 32-bit integer uniquely identifying the router in the Autonomous System. By convention, to ensure uniqueness, this should default to one of the router's IP interface addresses.
Specific Problem	Non-virtual OSPF interface state change	Text string indicating more information about the log

Field	Value	Description
Description	Character string	Explanation of the event
State (in the description)	Character string	State = "down", "loopback", "waiting", indicates warning alarm. State = "pointToPoint", "designedRouter", "backupDesignatedRouter", "otherDesignatedRouter", indicates clear alarm.

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This log is also the clear log.

PP366

The PP366 alarm signifies that the SNMPv2 entity, acting in an agent role, has detected that the rcCardOperStatus object for one of its cards is about to transition into the down state.

Format

The format for log report PP366 is as follows:

```
<OFFICE> <Severity> PP366 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>; rcCardIndex=<CardIndex>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 *** PP366 OCT26 01:28:48 0019 TBL PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Raised
Category: equipment
Cause: RC Card status down
Time: Oct 26 01:28:48 2005
Component ID: ERS8600=47.142.106.1; rcCardIndex=1
Specific Problem: RC Card status
Description: RC card status down: CardIndex = 1 (AdminStatus = up
OperStatus = down)
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.1
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	***	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Equipment	Indicates the X.733/X.736-based category of the alarm
Cause	RC Card status down	Text string indicating more information about the log
CardIndex	Integer (1-8)	An integer representing the slot number reported
Specific Problem	RC Card status	Text string indicating more information about the log
Description	Character string	Explanation of the event
AdminStatus	Character string	Can be one of: up (1), down (2), testing (3)
OperStatus	Character string	Can be one of: up (1), down (2), testing (3), unknown (4), dormant (5)

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This log is cleared by the PP367 log.

PP367

The PP367 alarm signifies that the SNMPv2 entity, acting in an agent role, has detected that the rcCardOperStatus object for one of its cards is about to transition into the up state.

Format

The format for log report PP367 is as follows:

```
<OFFICE> <Severity> PP367 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>; rcCardIndex=<CardIndex>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP367 OCT26 01:28:48 0021 INFO PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Cleared
Category: equipment
Cause: RC card status up
Time: Oct 26 01:28:48 2005
Component ID: ERS8600=47.142.106.1; rcCardIndex=0
Specific Problem: RC Card Status
Description: RC card status up: CardIndex = 0 (AdminStatus = up Op-
erStatus = up)
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.2
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Cleared	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Equipment	Indicates the X.733/X.736-based category of the alarm
Cause	RC card status up	Text string indicating more information about the log
CardIndex	Integer (1-8)	An integer representing the slot number reported
Specific Problem	RC Card Status	Text string indicating more information about the log
Description	Character string	Explanation of the event
AdminStatus	Character string	Can be one of: up (1), down (2), testing (3)
OperStatus	Character string	Can be one of: up (1), down (2), testing (3), unknown (4), dormant (5)

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This log is the clear log for PP366.

PP368

The PP368 alarm is generated when the BGP FSM enters the Established state.

Format

The format for log report PP368 is as follows:

```
<OFFICE> <Severity> PP368 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>;
rcIpBgpPeerIpAddress=<rcIpBgpPeerIpAddress>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsup3f8 PP368 OCT26 01:28:50 0113 INFO PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Cleared
Category: communications
Cause: BGP FSM entered the ESTABLISHED state
Time: Oct 26 01:28:50 2005
Component ID: ERS8600=47.142.106.1; rcIpBgpPeerIpAddress=47.142.106.70
Specific Problem: BGP FSM entered the ESTABLISHED state
Description: BGP FSM entered ESTABLISHED state: PeerIpAddress =
47.142.106.70 (PeerLastError = 1 PeerState =active )
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.39
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Cleared	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Communications	Indicates the X.733/X.736-based category of the alarm
Cause	BGP FSM entered the ESTABLISHED state	Text string indicating more information about the log
rclpBgpPeerIpAddress	IPv4 IP address	Indicates the IP address of the BGP peer router
Specific Problem	BGP FSM entered the ESTABLISHED state	Text string indicating more information about the log
Description	Character string	Explanation of the event
PeerState	Character string	Can be one of: idle (1), connect (2), active (3), opensent (4), openconfirm (5), established (6)

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This log is the clear log for PP369.

PP369

The PP369 alarm is generated when the BGP FSM moves from a higher numbered state to a lower numbered state.

Format

The format for log report PP369 is as follows:

```
<OFFICE> <Severity> PP369 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>;
rcIpBgpPeerIpAddress=<rcIpBgpPeerIpAddress>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 *** PP369 OCT26 01:28:50 0115 TBL PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Raised
Category: communications
Cause: BGP FSM backward transition
Time: Oct 26 01:28:50 2005
Component ID: ERS8600=47.142.106.1; rcIpBgpPeerIpAddress=47.142.106.70
Specific Problem: BGP FSM backward transition
Description: BGP FSM backward transition: PeerIpAddress = 47.142.106.70
(PeerLastError = 1 PeerState = active)
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.40
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	***	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Communications	Indicates the X.733/X.736-based category of the alarm
Cause	BGP FSM backward transition	Text string indicating more information about the log
rclpBgpPeerIpAddress	IPv4 IP address	Indicates the IP address of the BGP peer router
Specific Problem	BGP FSM backward transition	Text string indicating more information about the log
Description	Character string	Explanation of the event
PeerState	Character string	Can be one of: idle (1), connect (2), active (3), opensent (4), openconfirm (5), established (6)

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This log is cleared by the PP368 log.

PP370

The PP370 alarm is generated when the operational state of the aggregator changes from down to up.

Format

The format for log report PP370 is as follows:

```
<OFFICE> <Severity> PP370 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>; rcMltId=<rcMltId>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP370 OCT26 01:28:50 0117 INFO PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Cleared
Category: communications
Cause: Aggregator up
Time: Oct 26 01:28:50 2005
Component ID: ERS8600=47.142.106.1; rcMltId=1
Specific Problem: Aggregator status
Description: Aggregator up: rcMltId = 1
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.41
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection

Field	Value	Description
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Cleared	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Communications	Indicates the X.733/X.736-based category of the alarm
Cause	Aggregator up	Text string indicating more information about the log
rcMltd	Integer (1-32)	Indicates the Multi Link Trunking (MLT) ID. With the 3.7.x release, you can configure up to 32 MLT.
Specific Problem	Aggregator status	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This log is the clear log for PP371.

PP371

The PP371 alarm is generated when the operational state of the aggregator changes from up to down.

Format

The format for log report PP371 is as follows:

```
<OFFICE> <Severity> PP371 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>; rcMltId=<rcMltId>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 ** PP371 OCT26 01:28:50 0119 TBL PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Raised
Category: communications
Cause: Aggregator Down
Time: Oct 26 01:28:50 2005
Component ID: ERS8600=47.142.106.1; rcMltId=1
Specific Problem: Aggregator status
Description: Aggregator Down: rcMltId = 1
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.42
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	**	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection

Field	Value	Description
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Communications	Indicates the X.733/X.736-based category of the alarm
Cause	Aggregator Down	Text string indicating more information about the log
rcMltd	Integer (1-32)	Indicates the Multi Link Trunking (MLT) ID. With the 3.7.x release, you can configure up to 32 MLT.
Specific Problem	Aggregator status	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This log is cleared by the PP370 log.

PP372

The PP372 alarm signifies that a new IGMP (Internet Group Membership Protocol) member has come on an interface. This message indicates a host is registering with a multicast group using IGMP. The switch sends this multicast group to the receiver based on the multicast routing protocol.

Format

The format for log report PP372 is as follows:

```
<OFFICE> <Severity> PP372 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
  Location: <ERS8600 Display Name>;<ERS8600 IP Address>
  State: <State>
  Category: <Category>
  Cause: <Cause>
  Time: Mmm DD hh:mm:ss YYYY
  Component ID: ERS8600=<ERS8600 IP Address>;
rcIgmPGroupIfIndex=<rcIgmPGroupIfIndex>
  Specific Problem: <Specific Problem>
  Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP372 OCT26 01:28:50 0127 INFO PP Fault
  Location: ERS8600_RTP;47.142.106.1
  State: None
  Category: communications
  Cause: New Group member in interface
  Time: Oct 26 01:28:50 2005
  Component ID: ERS8600=47.142.106.1; rcIgmPGroupIfIndex=0
  Specific Problem: New Group member in interface
  Description: New Group member in interface: rcIgmPGroupIfIndex = 0
(GroupIpAddress = 47.142.106.70 Port = 0 Members 47.142.106.71)
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.43
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	None	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Communications	Indicates the X.733/X.736-based category of the alarm
Cause	New Group member in interface	Text string indicating more information about the log
rclgmpGroupIfIndex	Integer	A unique value to identify a physical interface or a logical interface (VLAN) which has received group reports from various sources
Specific Problem	New Group member in interface	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP373

The PP373 alarm signifies that an IGMP member has been lost on an interface. The receiver does not want to receive the group or has disconnected.

Format

The format for log report PP373 is as follows:

```
<OFFICE> <Severity> PP373 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>;
rcIcmpGroupIfIndex=<rcIcmpGroupIfIndex>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsup3f8      PP373 OCT26 01:28:50 0129 INFO PP Fault
Location: ERS8600_RTP;47.142.106.1
State: None
Category: communications
Cause: Group member lost on interface
Time: Oct 26 01:28:50 2005
Component ID: ERS8600=47.142.106.1; rcIcmpGroupIfIndex=0
Specific Problem: Group member lost on interface
Description: Group member lost on interface: rcIcmp-
GroupIfIndex = 0 (GroupIpAddress = 47.142.106.70 Port = 0 Members
47.142.106.71)
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.44
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	None	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Communications	Indicates the X.733/X.736-based category of the alarm
Cause	Group member lost on interface	Text string indicating more information about the log
rclgmpGroupIfIndex	Integer	A unique value to identify a physical interface or a logical interface (VLAN) which has received group reports from various sources
Specific Problem	Group member lost on interface	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP374

The PP374 alarm signifies that a new querier has come up on an interface.

Format

The format for log report PP374 is as follows:

```
<OFFICE> <Severity> PP374 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>;
igmpInterfaceIfIndex=<igmpInterfaceIfIndex>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsup3f8 PP374 OCT26 01:28:50 0131 INFO PP Fault
Location: ERS8600_RTP;47.142.106.1
State: None
Category: communications
Cause: New Querier in interface
Time: Oct 26 01:28:50 2005
Component ID: ERS8600=47.142.106.1; igmpInterfaceIfIndex=0
Specific Problem: New Querier in interface
Description: New Querier in interface: igmpInterfaceIfIndex = 0 (ig-
mpInterfaceQuerier = 47.142.106.70 )
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.45
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	INFO	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	None	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Communications	Indicates the X.733/X.736-based category of the alarm
Cause	New Querier in interface	Text string indicating more information about the log
igmpInterfaceIndex	Integer	The interface for which IGMP is enabled
Specific Problem	New Querier in interface	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP375

The PP375 alarm signifies that the querier has changed.

Format

The format for log report PP375 is as follows:

```
<OFFICE> <Severity> PP375 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
  Location: <ERS8600 Display Name>;<ERS8600 IP Address>
  State: <State>
  Category: <Category>
  Cause: <Cause>
  Time: Mmm DD hh:mm:ss YYYY
  Component ID: ERS8600=<ERS8600 IP Address>;
igmpInterfaceIfIndex=<igmpInterfaceIfIndex>
  Specific Problem: <Specific Problem>
  Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP375 OCT26 01:28:50 0133 INFO PP Fault
  Location: ERS8600_RTP;47.142.106.1
  State: None
  Category: communications
  Cause: Querier changed
  Time: Oct 26 01:28:50 2005
  Component ID: ERS8600=47.142.106.1; igmpInterfaceIfIndex=0
  Specific Problem: Querier changed
  Description: Querier changed: igmpInterfaceIfIndex = 0 ( NewQuerier
= 47.142.106.70 igmpInterfaceQuerier = 47.142.106.71 )
  .1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.46
  .1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection

Field	Value	Description
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	None	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Communications	Indicates the X.733/X.736-based category of the alarm
Cause	Querier changed	Text string indicating more information about the log
igmpInterfacelIndex	Integer	The interface for which IGMP is enabled
Specific Problem	Querier changed	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP376

The PP376 alarm signifies that there has been a change in the state of a DVMRP interface.

Format

The format for log report PP376 is as follows:

```
<OFFICE> <Severity> PP376 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>;
dvmpInterfaceIfIndex=<dvmpInterfaceIfIndex>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP376 OCT26 01:28:50 0121 INFO PP Fault
Location: ERS8600_RTP;47.142.106.1
State: None
Category: communications
Cause: DVMRP interface state change
Time: Oct 26 01:28:50 2005
Component ID: ERS8600=47.142.106.1; dvmpInterfaceIfIndex=0
Specific Problem: DVMRP interface state change
Description: DVMRP interface state change: dvmpInterfaceIfIndex = 0
(OperState = up )
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.47
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	None	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Communications	Indicates the X.733/X.736-based category of the alarm
Cause	DVMRP interface state change	Text string indicating more information about the log
dvmrpInterfaceIfIndex	Integer	The ifIndex value of the interface for which DVMRP is enabled
Specific Problem	DVMRP interface state change	Text string indicating more information about the log
Description	Character string	Explanation of the event
OperState	Character string	Can be one of: up (1), down (2)

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP377

The PP377 alarm signifies that a new neighbor has been identified on a DVMRP interface.

Format

The format for log report PP377 is as follows:

```
<OFFICE> <Severity> PP377 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>;
dvmrpNeighborIfIndex=<dvmrpNeighborIfIndex>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsup3f8 PP377 OCT26 01:28:50 0123 INFO PP Fault
Location: ERS8600_RTP;47.142.106.1
State: None
Category: communications
Cause: New neighbor is up on DVMRP interface
Time: Oct 26 01:28:50 2005
Component ID: ERS8600=47.142.106.1; dvmrpNeighborIfIndex=0
Specific Problem: New neighbor is up on DVMRP interface
Description: New neighbor is up on DVMRP interface: dvmrpNeighborIfIndex= 0 (NeighborAddress = 47.142.106.70 )
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.48
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	None	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Communications	Indicates the X.733/X.736-based category of the alarm
Cause	New neighbor is up on DVMRP interface	Text string indicating more information about the log
dvmrpNeighborIfIndex	Integer	The value of ifIndex for the virtual interface used to reach this DVMRP neighbor
Specific Problem	New neighbor is up on DVMRP interface	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP378

The PP378 alarm signifies that a neighbor has disappeared from a DVMRP interface.

Format

The format for log report PP378 is as follows:

```
<OFFICE> <Severity> PP378 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>;
dvmrpNeighborIfIndex=<dvmrpNeighborIfIndex>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP378 OCT26 01:28:50 0125 INFO PP Fault
Location: ERS8600_RTP;47.142.106.1
State: None
Category: communications
Cause: Neighbor gone down on DVMRP interface
Time: Oct 26 01:28:50 2005
Component ID: ERS8600=47.142.106.1; dvmrpNeighborIfIndex=0
Specific Problem: Neighbor gone down on DVMRP interface
Description: Neighbor gone down on DVMRP interface: dvmrpNeighborIfIn-
dex= 0 (NeighborAddress = 47.142.106.70 )
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.49
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	None	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Communications	Indicates the X.733/X.736-based category of the alarm
Cause	Neighbor gone down on DVMRP interface	Text string indicating more information about the log
dvmrpNeighborIfIndex	Integer	The value of ifIndex for the virtual interface used to reach this DVMRP neighbor
Specific Problem	Neighbor gone down on DVMRP interface	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP379

The PP379 alarm indicates that the number of MAC addresses that can be learned on one port has been exceeded.

Format

The format for log report PP379 is as follows:

```
<OFFICE> <Severity> PP379 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>; PortIndex=<PortIndex>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP379 OCT26 01:28:50 0151 INFO PP Fault
Location: ERS8600_RTP;47.142.106.1
State: None
Category: communications
Cause: fdb-entries limit violation
Time: Oct 26 01:28:50 2005
Component ID: ERS8600=47.142.106.1; PortIndex=1
Specific Problem: fdb-entries limit violation
Description: fdb-entries limit violation: PortIndex = 1 (VlanId = 1 )
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.59
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection

Field	Value	Description
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	None	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Communications	Indicates the X.733/X.736-based category of the alarm
Cause	FDB-entries limit violation	Text string indicating more information about the log
PortIndex	Integer	An index value that uniquely identifies the port. This value is similar to the ifIndex in MIB2.
Specific Problem	FDB-entries limit violation	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP380

The PP380 alarm signifies whether the number of repetitions of the particular Log message has exceeded the frequency or count.

Format

The format for log report PP380 is as follows:

```
<OFFICE> <Severity> PP380 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP380 OCT26 01:28:50 0157 INFO PP Fault
Location: ERS8600_RTP;47.142.106.1
State: None
Category: equipment
Cause: Log Message control trap
Time: Oct 26 01:28:50 2005
Component ID: ERS8600=47.142.106.1
Specific Problem: Log Message control trap
Description: rcnLogMsgControl: SysMsgLogFrequency = 2 (SysMsgLogText
= )
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.60
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection

Field	Value	Description
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	None	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Equipment	Indicates the X.733/X.736-based category of the alarm
Cause	Log Message control trap	Text string indicating more information about the log
Specific Problem	Log Message control trap	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP381

The PP381 alarm signifies that either the run time config or the boot configuration has been saved on the switch.

Format

The format for log report PP381 is as follows:

```
<OFFICE> <Severity> PP381 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP381 OCT26 01:28:50 0153 INFO PP Fault
Location: ERS8600_RTP;47.142.106.1
State: None
Category: equipment
Cause: Run time / boot config saved on switch
Time: Oct 26 01:28:50 2005
Component ID: ERS8600=47.142.106.1
Specific Problem: Run time / boot config saved on switch
Description: Config saved on switch: SysAction = none (SysConfigFile-
Name = boot.conf )
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.61
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection

Field	Value	Description
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	None	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Equipment	Indicates the X.733/X.736-based category of the alarm
Cause	Run time / boot config saved on switch	Text string indicating more information about the log
Specific Problem	Run time / boot config saved on switch	Text string indicating more information about the log
Description	Character string	Explanation of the event
SysAction	Character string	Can be one of: none (1), hardReset (2), softReset (3), saveToNVRAM (4), resetCounters (5), saveToStandbyNVRAM (6), cpuSwitchOver (7), checkSwInFlash (8), checkSwInPcmcia (9), resetConsole (10), resetModem (11), flushIpRouteTbl (12), saveRuntimeConfig (13), saveRuntimeConfigToSlave (14), saveBootConfig (15), saveSlaveBootConfig (16), resetIstStatCounters (17)

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP382

The PP382 alarm signifies that the switch has sent a query to the DNS server or it has received a successful response from the DNS Server.

Format

The format for log report PP382 is as follows:

```
<OFFICE> <Severity> PP382 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP382 OCT26 01:28:50 0155 INFO PP Fault
Location: ERS8600_RTP;47.142.106.1
State: None
Category: communications
Cause: Request/Response from DNS server
Time: Oct 26 01:28:50 2005
Component ID: ERS8600=47.142.106.1
Specific Problem: Request/Response from DNS server
Description: Request sent to or response got from DNS server: Dns-
ServerLastIpAddr = 47.154.182.1 (DnsRequestType = request )
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.62
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection

Field	Value	Description
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	None	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Communications	Indicates the X.733/X.736-based category of the alarm
Cause	Request/Response from DNS server	Text string indicating more information about the log
Specific Problem	Request/Response from DNS server	Text string indicating more information about the log
Description	Character string	Explanation of the event
DnsRequestType	Character string	Can be one of: request (0), response (1)

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP383

The PP383 alarm is generated when a probe failure is detected when the corresponding pingCtlTrapGeneration object is set to probeFailure(0) subject to the value of pingCtlTrapProbeFailureFilter. The object pingCtlTrapProbeFailureFilter is used to specify the number of successive probe failures that are required before this notification is generated.

Format

The format for log report PP383 is as follows:

```
<OFFICE> <Severity> PP383 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsup3f8 PP383 OCT26 01:28:50 0135 INFO PP Fault
Location: ERS8600_RTP;47.142.106.1
State: None
Category: communications
Cause: Probe failure is detected
Time: Oct 26 01:28:50 2005
Component ID: ERS8600=47.142.106.1
Specific Problem: Probe failure is detected
Description: Probe failure is detected: (ping TargetAd-
dress = 47.154.182.56)
.1.3.6.1.2.1.80.1.3.1.8.0: 0
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.2.1.80.0.1.0
.1.3.6.1.2.1.80.1.3.1.4.0: 2485256176
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 sec-
onds.
.1.3.6.1.2.1.80.1.3.1.9.0: 0
.1.3.6.1.2.1.80.1.3.1.5.0: 1208611943
.1.3.6.1.2.1.80.1.3.1.10.0:
.1.3.6.1.2.1.80.1.3.1.6.0: 941686800
.1.3.6.1.2.1.80.1.3.1.7.0: 1208902023
.1.3.6.1.2.1.80.1.3.1.3.0: 8a
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	None	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Communications	Indicates the X.733/X.736-based category of the alarm
Cause	Probe failure is detected	Text string indicating more information about the log
Specific Problem	Probe failure is detected	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP384

The PP384 alarm is generated when a ping test fails when the corresponding pingCtlTrapGeneration object is set to testFailure(1). In this instance, pingCtlTrapTestFailureFilter specifies the number of probes in a test required to fail in order to consider the test as failed.

Format

The format for log report PP384 is as follows:

```
<OFFICE> <Severity> PP384 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
  Location: <ERS8600 Display Name>;<ERS8600 IP Address>
  State: <State>
  Category: <Category>
  Cause: <Cause>
  Time: Mmm DD hh:mm:ss YYYY
  Component ID: ERS8600=<ERS8600 IP Address>
  Specific Problem: <Specific Problem>
  Description: <Description of Problem>
```

An example log format is as follows:

```
zsup3f8 PP384 OCT26 01:28:50 0137 INFO PP Fault
  Location: ERS8600_RTP;47.142.106.1
  State: None
  Category: communications
  Cause: Ping test failed
  Time: Oct 26 01:28:50 2005
  Component ID: ERS8600=47.142.106.1
  Specific Problem: Ping test failed
  Description: Ping test failed: (ping TargetAddress = 47.154.182.56)
    .1.3.6.1.2.1.80.1.3.1.8.0: 0
    .1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.2.1.80.0.2.0
    .1.3.6.1.2.1.80.1.3.1.4.0: 2485256176
    .1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
    .1.3.6.1.2.1.80.1.3.1.9.0: 0
    .1.3.6.1.2.1.80.1.3.1.5.0: 1208611943
    .1.3.6.1.2.1.80.1.3.1.10.0:
    .1.3.6.1.2.1.80.1.3.1.6.0: 941686800
    .1.3.6.1.2.1.80.1.3.1.7.0: 1208902023
    .1.3.6.1.2.1.80.1.3.1.3.0: 8a
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	None	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Communications	Indicates the X.733/X.736-based category of the alarm
Cause	Ping test failed	Text string indicating more information about the log
Specific Problem	Ping test failed	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP385

The PP385 alarm signifies the completion of a ping test when the corresponding pingCtlTrapGeneration object is set to testCompletion(4).

Format

The format for log report PP385 is as follows:

```
<OFFICE> <Severity> PP385 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP385 OCT26 01:28:50 0139 INFO PP Fault
Location: ERS8600_RTP;47.142.106.1
State: None
Category: communications
Cause: Ping test completed
Time: Oct 26 01:28:50 2005
Component ID: ERS8600=47.142.106.1
Specific Problem: Ping test completed.
Description: Ping test completed: (ping TargetAddress = 47.154.182.56)
.1.3.6.1.2.1.80.1.3.1.8.0: 0
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.2.1.80.0.3.0
.1.3.6.1.2.1.80.1.3.1.4.0: 2485256176
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
.1.3.6.1.2.1.80.1.3.1.9.0: 0
.1.3.6.1.2.1.80.1.3.1.5.0: 1208611943
.1.3.6.1.2.1.80.1.3.1.10.0:
.1.3.6.1.2.1.80.1.3.1.6.0: 941686800
.1.3.6.1.2.1.80.1.3.1.7.0: 1208902023
.1.3.6.1.2.1.80.1.3.1.3.0: 8a
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	None	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Communications	Indicates the X.733/X.736-based category of the alarm
Cause	Ping test completed	Text string indicating more information about the log
Specific Problem	Ping test completed	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP386

The PP386 alarm signifies that the path to a target has changed.

Format

The format for log report PP386 is as follows:

```
<OFFICE> <Severity> PP386 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP386 OCT26 01:28:50 0141 INFO PP Fault
Location: ERS8600_RTP;47.142.106.1
State: None
Category: communications
Cause: The path to a target has changed
Time: Oct 26 01:28:50 2005
Component ID: ERS8600=47.142.106.1
Specific Problem: The path to a target has changed
Description: The path to a target has changed: (TargetAddress =
47.154.182.56)
.1.3.6.1.2.1.81.1.3.1.4.0: unknown
.1.3.6.1.2.1.81.1.2.1.3.0: unknown
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.2.1.81.0.1.0
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
.1.3.6.1.2.1.81.1.3.1.5.0: 0.0.0.0
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	None	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Communications	Indicates the X.733/X.736-based category of the alarm
Cause	The path to a target has changed	Text string indicating more information about the log
Specific Problem	The path to a target has changed	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP387

The PP387 alarm signifies that the switch could not establish the path (trace route) between the switch and the destination.

Format

The format for log report PP387 is as follows:

```
<OFFICE> <Severity> PP387 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP387 OCT26 01:28:50 0143 INFO PP Fault
Location: ERS8600_RTP;47.142.106.1
State: None
Category: communications
Cause: Could not determine the path to a target
Time: Oct 26 01:28:50 2005
Component ID: ERS8600=47.142.106.1
Specific Problem: Could not determine the path to a target
Description: Could not determine the path to a target: (TargetAddress
= 47.154.182.56)
.1.3.6.1.2.1.81.1.3.1.4.0: unknown
.1.3.6.1.2.1.81.1.2.1.3.0: unknown
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.2.1.81.0.2.0
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
.1.3.6.1.2.1.81.1.3.1.5.0: 0.0.0.0
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	None	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Communications	Indicates the X.733/X.736-based category of the alarm
Cause	Could not determine the path to a target	Text string indicating more information about the log
Specific Problem	Could not determine the path to a target	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP388

The PP388 alarm signifies that the switch has established the path (trace route) between the switch and the destination.

Format

The format for log report PP388 is as follows:

```
<OFFICE> <Severity> PP388 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP388 OCT26 01:28:50 0145 INFO PP Fault
Location: ERS8600_RTP;47.142.106.1
State: None
Category: communications
Cause: The path to a target has just been determined.
Time: Oct 26 01:28:50 2005
Component ID: ERS8600=47.142.106.1
Specific Problem: The path to a target has just been determined.
Description: The path to a target has just been determined: (TargetAd-
dress = 47.154.182.56)
.1.3.6.1.2.1.81.1.3.1.4.0: unknown
.1.3.6.1.2.1.81.1.2.1.3.0: unknown
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.2.1.81.0.3.0
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
.1.3.6.1.2.1.81.1.3.1.5.0: 0.0.0.0
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	None	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Communications	Indicates the X.733/X.736-based category of the alarm
Cause	The path to a target has just been determined	Text string indicating more information about the log
Specific Problem	The path to a target has just been determined.	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP389

The PP389 alarm signifies that the UDPEap session has ended.

Format

The format for log report PP389 is as follows:

```
<OFFICE> <Severity> PP389 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP389 OCT26 01:28:50 0149 INFO PP Fault
Location: ERS8600_RTP;47.142.106.1
State: None
Category: other
Cause: Session end trap
Time: Oct 26 01:28:50 2005
Component ID: ERS8600=47.142.106.1
Specific Problem: Session end trap
Description: UDPEapSession end trap
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.562.42.5.1.3.2.2
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
.1.3.6.1.4.1.562.42.5.1.3.1.1.9: 0
.1.3.6.1.4.1.562.42.5.1.3.1.1.8: 0
.1.3.6.1.4.1.562.42.5.1.3.1.1.7: 0
.1.3.6.1.4.1.562.42.5.1.3.1.1.4:
.1.3.6.1.4.1.562.42.5.1.3.1.1.3:
.1.3.6.1.4.1.562.42.5.1.3.1.1.2:
.1.3.6.1.4.1.562.42.5.1.3.1.1.1: 0
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	None	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Other	Indicates the X.733/X.736-based category of the alarm
Cause	Session end trap	Text string indicating more information about the log
Specific Problem	Session end trap	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP390

The PP390 alarm signifies that the UDPEap session has started.

Format

The format for log report PP390 is as follows:

```
<OFFICE> <Severity> PP390 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 PP390 OCT26 01:28:50 0147 INFO PP Fault
Location: ERS8600_RTP;47.142.106.1
State: None
Category: other
Cause: Session start trap
Time: Oct 26 01:28:50 2005
Component ID: ERS8600=47.142.106.1
Specific Problem: Session start trap
Description: UDPEapSession start trap
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.562.42.5.1.3.2.1
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
.1.3.6.1.4.1.562.42.5.1.3.1.1.7: 0
.1.3.6.1.4.1.562.42.5.1.3.1.1.6:
.1.3.6.1.4.1.562.42.5.1.3.1.1.5:
.1.3.6.1.4.1.562.42.5.1.3.1.1.10: 0
.1.3.6.1.4.1.562.42.5.1.3.1.1.4:
.1.3.6.1.4.1.562.42.5.1.3.1.1.3:
.1.3.6.1.4.1.562.42.5.1.3.1.1.2:
.1.3.6.1.4.1.562.42.5.1.3.1.1.1: 0
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity		Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	INFO	Left justified, 4 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	None	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Other	Indicates the X.733/X.736-based category of the alarm
Cause	Session start trap	Text string indicating more information about the log
Specific Problem	Session start trap	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP391

The PP391 alarm signifies that a duplicate IP address is detected on the subnet.

Format

The format for log report PP391 is as follows:

```
<OFFICE> <Severity> PP391 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 *** PP391 OCT26 01:28:50 0159 TBL PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Raised
Category: communications
Cause: More than one host with the same IP address have been detected
on a subnet.
Time: Oct 26 01:28:50 2005
Component ID: ERS8600=47.142.106.1
Specific Problem: Duplicate IP address detected on the subnet.
Description: Duplicate IP address detected on subnet: NetAd-
dress=47.154.182.56 (PhysicalAddress= 00-08-74-F0-3C-EC )
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.63
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	***	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Communications	Indicates the X.733/X.736-based category of the alarm
Cause	More than one host with the same IP address have been detected on a subnet.	Text string indicating more information about the log
Specific Problem	Duplicate IP address detected on the subnet.	Text string indicating more information about the log
Description	Character string	Explanation of the event

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.

PP392

The PP392 alarm signifies that a loop has been detected on a port and the port is going to shut down.

Format

The format for log report PP392 is as follows:

```
<OFFICE> <Severity> PP392 MMMDD hh:mm:ss <Sequence Number> <Type> PP Fault
Location: <ERS8600 Display Name>;<ERS8600 IP Address>
State: <State>
Category: <Category>
Cause: <Cause>
Time: Mmm DD hh:mm:ss YYYY
Component ID: ERS8600=<ERS8600 IP Address>; portIndex=<portIndex>
Specific Problem: <Specific Problem>
Description: <Description of Problem>
```

An example log format is as follows:

```
zsups3f8 *** PP392 OCT26 01:28:50 0161 TBL PP Fault
Location: ERS8600_RTP;47.142.106.1
State: Raised
Category: communications
Cause: A network configuration error is creating a loop between ports
in a vlan
Time: Oct 26 01:28:50 2005
Component ID: ERS8600=47.142.106.1; portIndex=1
Specific Problem: Loop detected on a port and port is going to shut down
Description: Loop detected on port: PortIndex=1 (AdminStatus=up Op-
erStatus=down)
.1.3.6.1.6.3.1.1.4.1.0: .1.3.6.1.4.1.2272.1.21.0.64
.1.3.6.1.2.1.1.3.0: 40 days, 16 hours, 52 minutes, 18 seconds.
```

Selected field descriptions

The following table explains selected fields in the log report:

Field	Value	Description
OFFICE	Alphanumeric	A string indicating the office that generated the log report
Severity	***	Right justified, 3 character field to indicate the severity of the log. One asterisk indicates minor, 2 major, 3 critical and no asterisks represents no severity

Field	Value	Description
Sequence Number	0000-9999	Four-digit sequence number which can be used for lost log detection
Type	TBL	Left justified, 3 character alphabetic Event Type field
ERS8600 Display Name	Alphanumeric	The provisioned Display Name of the ERS86000 as seen in the IEMS client application.
Component ID (ERS86000 IP Address)	IPv4 IP Address	The IPv4 IP address of the ERS8600. For example: 47.142.106.1
State	Raised	A text string indicating if the log is associated with an alarm and has a value of Raised or Cleared
Category	Communications	Indicates the X.733/X.736-based category of the alarm
Cause	A network configuration error is creating a loop between ports in a VLAN	Text string indicating more information about the log
portIndex	Integer	An index value that uniquely identifies a port. This value is similar to ifIndex in MIB2.
Specific Problem	Loop detected on a port and port is going to shut down	Text string indicating more information about the log
Description	Character string	Explanation of the event
AdminStatus	Character string	Can be one of: up (1), down (2), testing (3)
OperationStatus	Character string	Can be one of: up (1), down (2), testing (3), unknown (4), dormant (5)

Action

This alarm report requires no action.

Associated OM registers

This log report has no associated OM registers.

Additional information

This alarm requires no additional information.