

ML66xx MBB configuration



1. Both LAN port(E-Band) and WAN port(C-Band) role should be same

10.132.27.42 - Remote Desktop Connection

Mozilla Firefox Start Page x T9892-ML1 - MINI-LINK 6692 x E2178-ML - MINI-LINK 6693 | x +

https://10.175.212.72/status/Package

MINI-LINK 6693 Node GUI 2 Licenses 2 Alarms control_user

Management tree

- Unit
- Packet
- Radio

Packet

- Ethernet
- LAN interfaces
- Layer 1 connection
- L3 VLAN subinterfaces
- Service OAM
- WAN interfaces

Packet - Overview

Show Help Refresh Save

	Admin status	Oper status	Aggregation	Role	Summary	Restrictions	Speed (Mbit/s)	Alias name	Deep buffering
LAN 1/6/4	Up	Up		UNI	No Alarm	Disabled	1000.00	TCU	Enabled
LAN 1/6/5	Up	Down		UNI	Critical	Disabled	0.00		Enabled
LAN 1/6/7	Up	Up		I-NNI	No Alarm	Disabled	10000	Ericsson Eband T9892-E2178	Disabled
LAN 1/6/8	Up	Up		UNI	No Alarm	Disabled	10000	Ericsson Eband E2178-T8659	Disabled
LAN-DCN 1/6/8	Up	Up		UNI	No Alarm	Enabled	100.00		Not supported

WAN interface status

	Admin status	Oper status	Aggregation	Role	Speed (Mbit/s)	Alias name	Deep buffering
WAN 1/1+2/1	Up	Up		I-NNI	1608.76	T9892	Enabled
WAN 1/4/1	Up	Down		I-NNI	804.38	T8659	Enabled
WAN 1/4/2	Down						Enabled

Displays the name of Aggregation, that this WAN interface is a member of.

Critical [0] Major [2] Minor [0] Warning [0] Indeterminate [0]

Collapse alarm list

Severity	Alarm type	Alarm ID	Alarm time	Source	Specific problem	Probable cause
Major	Operational violation	40	2019-09-16 15:53:46 (UTC +04:00)	MINI-LINK 6600 E2178	License handling is in an unlocked period. Please install any missing licenses.	Unavailable
Major	Operational violation	41	2019-09-16 15:53:46 (UTC +04:00)	MINI-LINK 6600 E2178	FAL1242518 License Missing - M-L 6600 Eth SOAM FM/PM	Denial of service

Windows taskbar: WhatsApp, 10.132.27.42 - Re..., Transmission Ma..., soemte2_Config..., Total Command..., This PC, Presentation1 - P..., 9:46 PM

2. Configure Layer 1 Banding—Ethernet—configure-L1B

10.132.27.42 - Remote Desktop Connection

Mozilla Firefox Start Page x T9892-ML1 - MINI-LINK 6692 x E2178-ML - MINI-LINK 6693 x

https://10.175.212.72/status/Package

MINI-LINK 6693 Node GUI 2 Licenses 2 Alarms control_user

Management tree Packet - Overview

Unit Packet Radio

Packet

- Ethernet
 - View
 - Configure
 - Tools
- LAN interfaces
- Layer 1
- L3 VLAN subinterfaces
- Service OAM
- WAN interfaces

General

VLAN

Ethernet ring protection

IGMP/MLD snooping

Static unicast filtering

Static multicast filtering

MAC white lists

Spanning tree

LAG

Layer 1 bonding

Link layer discovery protocol

Loop alarm

Admin status	Oper status	Aggregation	Role	Summary	Restrictions	Speed (Mbit/s)	Alias name	Deep buffering
Up	Up	UNI	No Alarm	Disabled	1000.00	TCU	Enabled	
Up	Down	UNI	Critical	Disabled	0.00		Enabled	
Up	Up	I-NNI	No Alarm	Disabled	10000	Ericsson Eband T9892-E2178	Disabled	
Up	Up	UNI	No Alarm	Disabled	10000	Ericsson Eband E2178-T8659	Disabled	
Up	Up	UNI	No Alarm	Enabled	100.00		Not supported	

Admin status	Oper status	Aggregation	Role	Speed (Mbit/s)	Alias name	Deep buffering
Up	Up		I-NNI	1600.76	T9892	Enabled
Up	Down		I-NNI	804.38	T8659	Enabled
Down	Down		I-NNI	0.00		Enabled

Critical [0] Warning [0] Indeterminate [0]

Collapse alarm list

time	Source	Specific problem	Probable cause
09-16 15:53:46 (UTC +04:00)	MINI-LINK 6600 E2178	License handling is in an unlocked period. Please install any missing licenses.	Unavailable
09-16 15:53:46 (UTC +04:00)	MINI-LINK 6600 E2178	FAL1242518 License Missing - M-L 6600 Eth SOAM FM/PM	Denial of service

Windows taskbar: WhatsApp, 10.132.27.42 - Re..., Transmission Ma..., soemte2_Config..., Total Command..., This PC, Presentation1 - P...

9:46 PM

3. Select Master Port as an E-Band and C-Band as a member

10.132.27.42 - Remote Desktop Connection

Mozilla Firefox Start Page x T9892-ML1 - MINI-LINK 6692 x E2178-ML - MINI-LINK 6693 x

https://10.175.212.72/config/L1_Bonding

MINI-LINK 6693 Node GUI 2 Licenses 2 Alarms control_user

Management tree

- Unit
- Packet
- Radio

Packet

- Ethernet
- LAN interfaces
- Layer 1 connection
- L3 VLAN subinterfaces
- Service OAM
- WAN interfaces

Configure layer 1 bonding

Layer 1 bonding

Master interface	Member interfaces	No traffic alarm	Degraded service alarm	Mappings	
LAN 1/6/7 (Ericsson Eband T9892-E2178)	LAN 1/6/7 (Ericsson Eband T9892-E...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Mappings	+ Add Delete

Related tasks

- Configure VLAN
- Link to VLAN configuration

Severity ^ Alarm type ^ Alarm ID ^ Alarm time ^ Source ^ Specific problem ^ Probable cause

Major	Operational violation	40	2019-09-16 15:53:46 (UTC +04:00)	MINI-LINK 6600 E2178	License handling is in an unlocked period. Please install any missing licenses.	Unavailable
Major	Operational violation	41	2019-09-16 15:53:46 (UTC +04:00)	MINI-LINK 6600 E2178	FAL1242518 License Missing - M-L 6600 Eth SOAM FM/PM	Denial of service

Windows taskbar: WhatsApp, 10.132.27.42 - Re..., Transmission Ma..., soemte2_Config..., Total Command..., This PC, Presentation1 - P..., 9:47 PM

4. Select priority of 0 to 7 to PCP for Master Port

10.132.27.42 - Remote Desktop Connection

Mozilla Firefox Start Page x T9892-ML1 - MINI-LINK 6692 x E2178-ML - MINI-LINK 6693 x +

https://10.175.212.72/config/L1_Bonding_Mappings/1/6/7

MINI-LINK 6693 Node GUI

2 Licenses 2 Alarms control_user

Management tree

Unit Packet Radio

Packet

Ethernet

LAN interfaces

Layer 1 connection

L3 VLAN subinterfaces

Service OAM

WAN interfaces

Configure layer 1 bonding - 1/6/7 mappings

Show Help Refresh Save

Mappings

Interface	Role	PCP	DSCP	MPLS	Protected VLA
LAN 1/6/7	master	0-7	-- none --	-- none --	-- none --
WAN 1/1+2/1	secondary	-- none --	-- none --	-- none --	-- none --

Mapping rules

Used DSCP mapping rules: 0

Remaining DSCP mapping rules: 144

Critical [0] Major [2] Minor [0] Warning [0] Indeterminate [0]

Collapse alarm list

Severity	Alarm type	Alarm ID	Alarm time	Source	Specific problem	Probable cause
Major	Operational violation	40	2019-09-16 15:53:46 (UTC +04:00)	MINI-LINK 6600 E2178	License handling is in an unlocked period. Please install any missing licenses.	Unavailable
Major	Operational violation	41	2019-09-16 15:53:46 (UTC +04:00)	MINI-LINK 6600 E2178	FAL1242518 License Missing - M-L 6600 Eth SOAM FM/PM	Denial of service

Windows Taskbar: WhatsApp, 10.132.27.42 - Re..., Transmission Ma..., soemte2_Config..., Total Command..., This PC, Presentation1 - P..., 9:47 PM

4. Select priority of 0 to 7 to PCP for Master Port

10.132.27.42 - Remote Desktop Connection

Mozilla Firefox Start Page x T9892-ML1 - MINI-LINK 6692 x E2178-ML - MINI-LINK 6693 x +

https://10.175.212.72/config/L1_Bonding_Mappings/1/6/7

MINI-LINK 6693 Node GUI

2 Licenses 2 Alarms @ control_user

Management tree

Unit Packet Radio

Packet

- Ethernet
- LAN interfaces
- Layer 1 connection
- L3 VLAN subinterfaces
- Service OAM
- WAN interfaces

Configure layer 1 bonding - 1/6/7 mappings

Mappings

Interface	Role	PCP	DSCP	MPLS	Protected VLA
LAN 1/6/7	master	0-7	-- none --	-- none --	-- none --
WAN 1/1+2/1	secondary	<input checked="" type="checkbox"/> 0	-- none --	-- none --	-- none --
		<input checked="" type="checkbox"/> 1			
		<input checked="" type="checkbox"/> 2			
		<input checked="" type="checkbox"/> 3			
		<input checked="" type="checkbox"/> 4			
		<input checked="" type="checkbox"/> 5			
		<input checked="" type="checkbox"/> 6			
		<input checked="" type="checkbox"/> 7			

Mapping rules

Used DSCP mapping

Remaining DSCP m

Severity ^ Alarm type ^ Alarm ID ^ Alarm time ^ Source ^ Specific problem ^ Probable cause ^

- Critical [0]
- Major [2]
- Minor [0]
- Warning [0]
- Indeterminate [0]

Major Operational violation 40 2019-09-16 15:53:46 (UTC +04:00) MINI-LINK 6600 E2178 License handling is in an unlocked period. Please install any missing licenses. Unavailable

Major Operational violation 41 2019-09-16 15:53:46 (UTC +04:00) MINI-LINK 6600 E2178 FAL1242518 License Missing - M-L 6600 Eth SOAM FM/PM Denial of service

Windows taskbar: WhatsApp, 10.132.27.42 - Re..., Transmission Ma..., soemte2_Config..., Total Command..., This PC, Presentation1 - P..., 9:47 PM

5. Select E-Band VLAN visibility in Mapping of L1B for Master Port

10.132.27.42 - Remote Desktop Connection

Mozilla Firefox Start Page x T9892-ML1 - MINI-LINK 6692 x E2178-ML - MINI-LINK 6693 x

https://10.175.212.72/config/L1_Bonding_Mappings/1/6/7

MINI-LINK 6693 Node GUI

2 Licenses 2 Alarms @ control_user

Management tree

Unit Packet Radio

Packet

Ethernet

LAN interfaces

Layer 1 connection

L3 VLAN subinterfaces

Service OAM

WAN interfaces

Configure layer 1 bonding - 1/6/7 mappings

Show Help Refresh Save

Mappings

P	MPLS	Protected VLAN	VLAN
one --	-- none --	-- none --	174
one --	-- none --	-- none --	

Mapping rules

Used DSCP mapping rules: 0

Remaining DSCP mapping rules: 144

1: Default VLAN

☒ 174: Ericsson E-Band Visibility

☐ 2736: E1287_DCN_2736

☐ 2737: E1287_Sync_2737

☐ 2738: E1287_2G_Traffic_2738

☐ 2739: E1287_2G_OAM_2739

☐ 2740: E1287_3G_Iub_2740

☐ 2741: E1287_3G_Mub_2741

☐ 2742: E1287_U900_2742

☐ 2743: E1287_U900_OAM_2743

☐ 2744: E1287_LTE_S1X2_2744

☐ 2745: E1287_LTE_Mul_2745

Severity ^ Alarm type ^ Alarm ID ^ Alarm time ^ Source ^ Specific problem ^

Major	Operational violation	40	2019-09-16 15:53:46 (UTC +04:00)	MINI-LINK 6600 E2178	License handling is in an unlocked period. P
Major	Operational violation	41	2019-09-16 15:53:46 (UTC +04:00)	MINI-LINK 6600 E2178	FAL1242518 License Missing - M-L 6600 E

WhatsApp 10.132.27.42 - Re... Transmission Ma... soemte2_Config... Total Command... This PC Presentation1 - P... 9:43 PM

6. Assign L1B to all VLANs

10.132.27.42 - Remote Desktop Connection

Mozilla Firefox Start Page x T9892-ML1 - MINI-LINK 6692 x E2178-ML - MINI-LINK 6693 x

https://10.175.212.72/config/VLAN

MINI-LINK 6693 Node GUI 2 Licenses 2 Alarms control_user

Management tree Ethernet - Configure VLAN

Unit Packet Radio

Packet

- Ethernet
- LAN interfaces
- Layer 1 connection
- L3 VLAN subinterfaces
- Service OAM
- WAN interfaces

ID / ID-range ^	Name ^	Learned MAC ^	Members ^	Unregistered multicast ^	Untagged members ^
1	Default VLAN	0	-- none --	Forward	-- none --
174	Ericsson E-Band Visibility	6	L1B LAN 1/6/7 (Ericsson Eband T98...	Forward	-- none --
2736	E1287_DCN_2736	3	<input checked="" type="checkbox"/> L1B LAN 1/6/7 (Ericsson Eband	Forward	LAN-DCN 1/6/8
2737	E1287_Sync_2737	3	<input type="checkbox"/> LAN 1/6/4 (TCU)	Forward	-- none --
2738	E1287_2G_Traffic_2738	3	<input type="checkbox"/> LAN 1/6/5	Forward	-- none --
2739	E1287_2G_OAM_2739	3	<input checked="" type="checkbox"/> LAN 1/6/8 (Ericsson Eband E217	Forward	-- none --
2740	E1287_3G_Iub_2740	3	<input type="checkbox"/> LAN-DCN 1/6/8	Forward	-- none --
2741	E1287_3G_Mch_2741	3	<input checked="" type="checkbox"/> WAN 1/1+2/1 (T9892)	Forward	-- none --
2742	E1287_3G_Mch_2742	3	<input type="checkbox"/> WAN 1/4/1 (T8659)	Forward	-- none --
2743	E1287_3G_Mch_2743	3	<input type="checkbox"/> WAN 1/4/2	Forward	-- none --

Severity ^ Alarm type ^ Alarm ID ^ Alarm time ^ Source ^ Specific problem ^ Probable cause ^

Major	Operational violation	40	2019-09-16 15:53:46 (UTC +04:00)	MINI-LINK 6600 E2178	License handling is in an unlocked period. Please install any missing licenses. (?)	Unavailable
Major	Operational violation	41	2019-09-16 15:53:46 (UTC +04:00)	MINI-LINK 6600 E2178	FAL1242518 License Missing - M-L 6600 Eth SOAM FM/PM (?)	Denial of service

Collapse alarm list

Windows taskbar: 10.132.27.42 - Re... Transmission Ma... soemte2_Config... Total Command... This PC Presentation1 - P... 9:44 PM

7. Configure Service OAM :

7.1: First needs to configure maintenance domain same as below:

10.132.27.42 - Remote Desktop Connection

Mozilla Firefox Start Page x T9892-ML1 - MINI-LINK 6692 x E2178-ML - MINI-LINK 6693 | x +

https://10.175.212.72/config/Service_OAM

MINI-LINK 6693 Node GUI

2 Licenses 2 Alarms @ control_user

Management tree Service OAM - All domains

Unit Packet Radio

Packet

- Ethernet
- LAN interfaces
- Layer 1 connection
- L3 VLAN subinterfaces
- Service OAM**
- WAN interfaces

Maintenance domains

ID	Name format	Name	Level	MIP creation	MD config	
1	String	MD01	4	Manual	Configure	+ Add Delete

Critical [0] Major [2] Minor [0] Warning [0] Indeterminate [0]

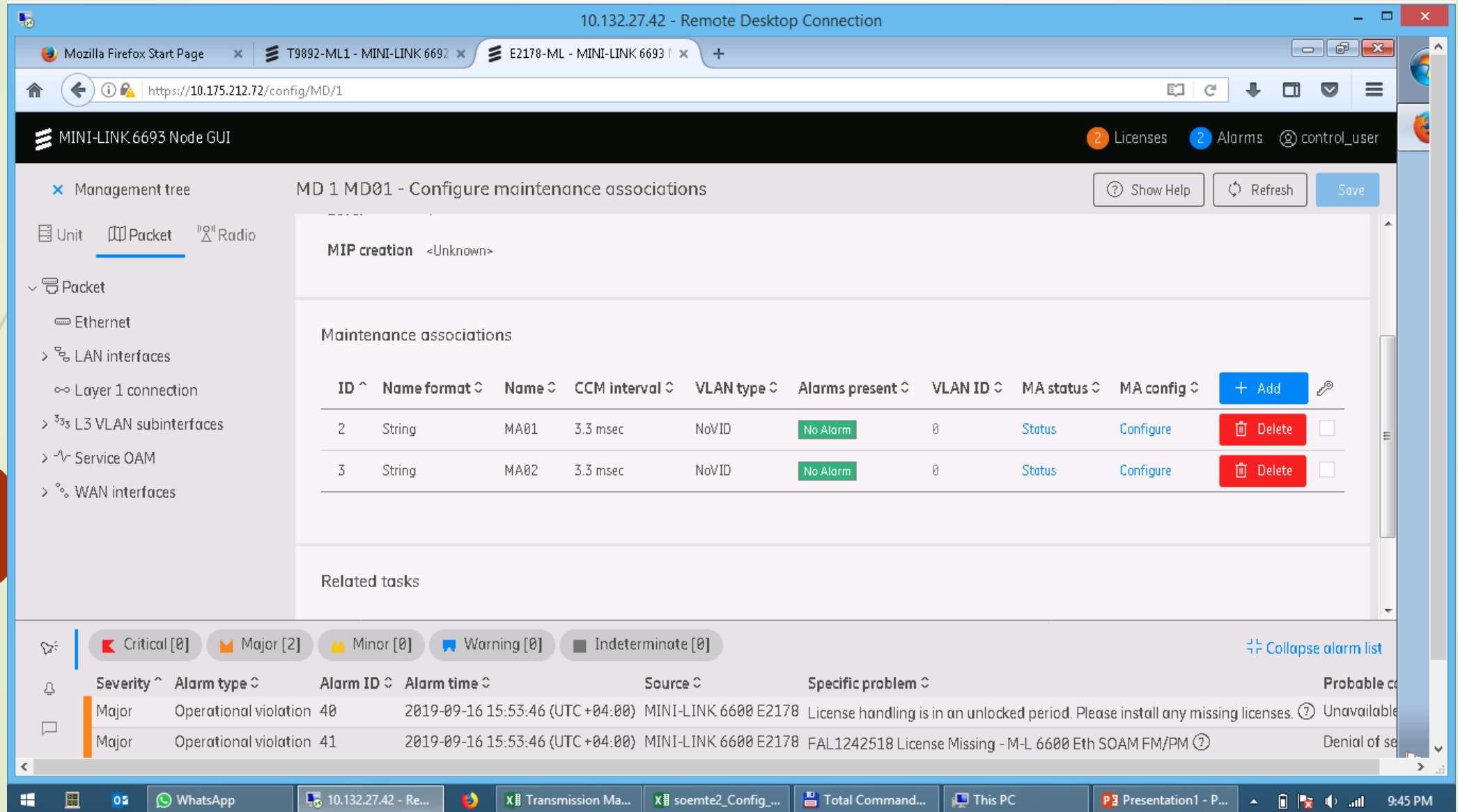
Collapse alarm list

Severity	Alarm type	Alarm ID	Alarm time	Source	Specific problem	Probable cause
Major	Operational violation	40	2019-09-16 15:53:46 (UTC +04:00)	MINI-LINK 6600 E2178	License handling is in an unlocked period. Please install any missing licenses.	Unavailable
Major	Operational violation	41	2019-09-16 15:53:46 (UTC +04:00)	MINI-LINK 6600 E2178	FAL1242518 License Missing - M-L 6600 Eth SOAM FM/PM	Denial of service

Windows taskbar: WhatsApp, 10.132.27.42 - Re..., Transmission Ma..., soemte2_Config..., Total Command..., This PC, Presentation1 - P..., 9:44 PM

7. Configure Service OAM :

7.2: After than needs to configure maintenance associations same as below, needs to define two MA01 and MA02 for E-Band and C-Band:



The screenshot displays the MINI-LINK 6693 Node GUI within a Remote Desktop Connection window. The browser address bar shows the URL `https://10.175.212.72/config/MD/1`. The interface includes a management tree on the left, a main configuration area for MD 1 MD01, and an alarm log at the bottom.

Management tree:

- Unit
- Packet (selected)
- Radio
- Packet
 - Ethernet
 - LAN interfaces
 - Layer 1 connection
 - L3 VLAN subinterfaces
 - Service OAM
 - WAN interfaces

MD 1 MD01 - Configure maintenance associations

MIP creation <Unknown>

Maintenance associations

ID ^	Name format ^	Name ^	CCM interval ^	VLAN type ^	Alarms present ^	VLAN ID ^	MA status ^	MA config ^	+ Add	🔑
2	String	MA01	3.3 msec	NoVID	No Alarm	0	Status	Configure	Delete	<input type="checkbox"/>
3	String	MA02	3.3 msec	NoVID	No Alarm	0	Status	Configure	Delete	<input type="checkbox"/>

Related tasks

Alarm Log:

Severity ^	Alarm type ^	Alarm ID ^	Alarm time ^	Source ^	Specific problem ^	Probable cause ^
Major	Operational violation	40	2019-09-16 15:53:46 (UTC +04:00)	MINI-LINK 6600 E2178	License handling is in an unlocked period. Please install any missing licenses. (?)	Unavailable
Major	Operational violation	41	2019-09-16 15:53:46 (UTC +04:00)	MINI-LINK 6600 E2178	FAL1242518 License Missing - M-L 6600 Eth SOAM FM/PM (?)	Denial of service

The bottom of the screen shows a Windows taskbar with various applications open, including WhatsApp, Remote Desktop Connection, and several command-line and configuration tools.

7. Configure Service OAM :

7.3: Then needs to configure MEPs configuration same as below, needs to define two MEP IDs for E-Band in Near End and same as Near End in Far End just MEP IDs which used in Near End should be revers in Far End:

The screenshot displays the MINI-LINK 6693 Node GUI for configuration. The browser address bar shows the URL `https://10.175.212.72/config/MA/1/2`. The page title is "MA 1/2 MA01 - Configure".

MEPs configuration table:

MEP ID	Direction	VLAN ID	MAC address	Active	PDU priority	CCM enable	CCM state update	State	Defects	Highest priority defect	MEP interface	MEF status
2	Down	0	98:c5:db:09:18:28	<input checked="" type="checkbox"/>	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Reset	None	None	LAN 1/6/7	Statu

MEP list configuration table:

MEP ID	Local or remote	Actions
1	Remote	<input type="checkbox"/> <input type="checkbox"/>

Alarm Summary:

- Critical [0]
- Major [2]
- Minor [0]
- Warning [0]
- Indeterminate [0]

Alarm List:

Severity	Alarm type	Alarm ID	Alarm time	Source	Specific problem	Probable cause
Major	Operational violation	40	2019-09-16 15:53:46 (UTC +04:00)	MINI-LINK 6600 E2178	License handling is in an unlocked period. Please install any missing licenses.	Unavailable
Major	Operational violation	41	2019-09-16 15:53:46 (UTC +04:00)	MINI-LINK 6600 E2178	FAL1242518 License Missing - M-L 6600 Eth SOAM FM/PM	Denial of service

7. Configure Service OAM :

7.4: Same as E-Band needs to define MEP IDs for C-Band as well:

10.132.27.42 - Remote Desktop Connection

Mozilla Firefox Start Page x T9892-ML1 - MINI-LINK 6692 x E2178-ML - MINI-LINK 6693 x +

https://10.175.212.72/config/MA/1/3

MINI-LINK 6693 Node GUI 2 Licenses 2 Alarms control_user

Management tree MA 1/3 MA02 - Configure Show Help Refresh Save

Unit Packet Radio

Packet

- Ethernet
- LAN interfaces
 - Layer 1 connection
 - L3 VLAN subinterfaces
 - Service OAM
 - WAN interfaces

MEP ID	Direction	VLAN ID	MAC address	Active	PDU priority	CCM enable	CCM state update	State	Defects	Highest priority defect	MEP interface	MEF stat
4	Down	0	98:c5:db:09:18:27	<input checked="" type="checkbox"/>	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Reset	None	None	WAN 1/1+2/1	Statu

MEP list configuration

MEP ID	Local or remote	
3	Remote	<div>+ Add</div> <div>Delete</div>

Critical [0] Major [2] Minor [0] Warning [0] Indeterminate [0] Collapse alarm list

Severity	Alarm type	Alarm ID	Alarm time	Source	Specific problem	Probable cause
Major	Operational violation	40	2019-09-16 15:53:46 (UTC +04:00)	MINI-LINK 6600 E2178	License handling is in an unlocked period. Please install any missing licenses.	Unavailable
Major	Operational violation	41	2019-09-16 15:53:46 (UTC +04:00)	MINI-LINK 6600 E2178	FAL1242518 License Missing - M-L 6600 Eth SOAM FM/PM	Denial of service

Windows taskbar: WhatsApp, 10.132.27.42 - Re..., Transmission Ma..., soemte2_Config..., Total Command..., This PC, Presentation1 - P..., 9:45 PM

8. Same configuration for Far End as well just please consider that MEP IDs should be revers here and IDs should be same as Near End:

10.132.27.42 - Remote Desktop Connection

Mozilla Firefox Start Page x T9892-ML1 - MINI-LINK 6692 x E2178-ML - MINI-LINK 6693 x +

https://10.175.212.120/config/Service_OAM

MINI-LINK 6692 Node GUI

2 Licenses 2 Alarms control_user

Management tree Service OAM - All domains

Unit Packet Radio

Packet

- Ethernet
- LAN interfaces
 - Layer 1 connection
 - L3 VLAN subinterfaces
 - Service OAM
 - WAN interfaces

Maintenance domains

ID	Name format	Name	Level	MIP creation	MD config	
1	String	MD01	4	Manual	Configure	<div><div>+ Add</div><div>Delete</div></div>

Severity ^ Alarm type ^ Alarm ID ^ Alarm time ^ Source ^ Specific problem ^ Prob

- Major Operational violation 1 2019-09-16 21:39:08 (UTC +04:00) MINI-LINK 6600 T9892-ML1 License handling is in an unlocked period. Please install any missing licenses. Unav
- Major Operational violation 2 2019-09-16 21:39:08 (UTC +04:00) MINI-LINK 6600 T9892-ML1 FAI 12425181 license Missing - M-L 6600 Eth SOAM FM/PM (?) Denial

WhatsApp 10.132.27.42 - Re... Transmission Ma... soemte2_Config... Total Command... This PC Presentation1 - P... 9:47 PM

10.132.27.42 - Remote Desktop Connection

Mozilla Firefox Start Page

T9892-ML1 - MINI-LINK 6692

E2178-ML - MINI-LINK 6693

+

https://10.175.212.120/config/MD/1

MINI-LINK 6692 Node GUI

2 Licenses

2 Alarms

control_user

Management tree

Unit

Packet

Radio

Packet

Ethernet

LAN interfaces

Layer 1 connection

L3 VLAN subinterfaces

Service OAM

WAN interfaces

MD 1 MD01 - Configure maintenance associations

Show Help

Refresh

Save

Level 4

MIP creation <Unknown>

Maintenance associations

ID ^	Name format ^	Name ^	CCM interval ^	VLAN type ^	Alarms present ^	VLAN ID ^	MA status ^	MA config ^	+ Add	
1	String	MA01	3.3 msec	NoVID	No Alarm	0	Status	Configure	Delete	
2	String	MA02	3.3 msec	NoVID	No Alarm	0	Status	Configure	Delete	

Related tasks

Critical [0]

Major [2]

Minor [0]

Warning [0]

Indeterminate [0]

Collapse alarm list

Severity ^	Alarm type ^	Alarm ID ^	Alarm time ^	Source ^	Specific problem ^	Probab
Major	Operational violation	1	2019-09-16 21:39:08 (UTC +04:00)	MINI-LINK 6600 T9892-ML1	License handling is in an unlocked period. Please install any missing licenses. (?)	Unava
Major	Operational violation	2	2019-09-16 21:39:08 (UTC +04:00)	MINI-LINK 6600 T9892-ML1	FAI 1242518 I license Missing - M-L 6600 Eth SOAM EM/PM (?)	Denial

Windows

WhatsApp

10.132.27.42 - Re...

Transmission Ma...

soemte2_Config_...

Total Command...

This PC

Presentation1 - P...

9:48 PM

10.132.27.42 - Remote Desktop Connection

Mozilla Firefox Start Page

T9892-ML1 - MINI-LINK 6692

E2178-ML - MINI-LINK 6693

+

https://10.175.212.120/config/MA/1/1

MINI-LINK 6692 Node GUI

2 Licenses2 Alarmscontrol_user

Management tree

UnitPacketRadio

Packet

Ethernet

LAN interfaces

Layer 1 connection

L3 VLAN subinterfaces

Service OAM

WAN interfaces

MA 1/1 MA01 - Configure

Show HelpRefreshSave

MEP ID	Direction	VLAN ID	MAC address	Active	PDU priority	CCM enable	CCM state update	State	Defects	Highest priority defect	MEP interface	MEP status
1	Down	0	98:c5:db:08:ad:18	<input checked="" type="checkbox"/>	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Reset	None	None	LAN 1/9/7	Status

MEP list configuration

MEP ID	Local or remote	
2	Remote	<div>+ AddDelete</div>

Alarms configuration

Critical [0]Major [2]Minor [0]Warning [0]Indeterminate [0]

Collapse alarm list

Severity	Alarm type	Alarm ID	Alarm time	Source	Specific problem	Probable cause
Major	Operational violation	1	2019-09-16 21:39:08 (UTC +04:00)	MINI-LINK 6600 T9892-ML1	License handling is in an unlocked period. Please install any missing licenses.	Unavailable
Major	Operational violation	2	2019-09-16 21:39:08 (UTC +04:00)	MINI-LINK 6600 T9892-ML1	FAI 12425181 license Missing - M-L 6600 Eth SOAM EM/PM (?)	Denial

WindowsTaskbar

10.132.27.42 - Remote Desktop Connection

Transmission Ma...

soemte2_Config_...

Total Command...

This PC

Presentation1 - P...

9:48 PM

10.132.27.42 - Remote Desktop Connection

Mozilla Firefox Start Page

T9892-ML1 - MINI-LINK 6692

E2178-ML - MINI-LINK 6693

+

https://10.175.212.120/config/MA/1/2

MINI-LINK 6692 Node GUI

2 Licenses

2 Alarms

control_user

Management tree

MA 1/2 MA02 - Configure

Show Help

Refresh

Save

Unit

Packet

Radio

Packet

Ethernet

LAN interfaces

Layer 1 connection

L3 VLAN subinterfaces

Service OAM

WAN interfaces

MEPs configuration

MEP ID	Direction	VLAN ID	MAC address	Active	PDU priority	CCM enable	CCM state update	State	Defects	Highest priority defect	MEP interface	MEP status
3	Down	0	98:c5:db:08:ad:17	<input checked="" type="checkbox"/>	6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Reset	None	None	WAN 1/1+2/1	Statu

MEP list configuration

MEP ID	Local or remote	
4	Remote	<div>+ Add</div> <div>Delete</div>

Critical [0]

Major [2]

Minor [0]

Warning [0]

Indeterminate [0]

Collapse alarm list

Severity	Alarm type	Alarm ID	Alarm time	Source	Specific problem	Prob
Major	Operational violation	1	2019-09-16 21:39:08 (UTC +04:00)	MINI-LINK 6600 T9892-ML1	License handling is in an unlocked period. Please install any missing licenses.	Unava
Major	Operational violation	2	2019-09-16 21:39:08 (UTC +04:00)	MINI-LINK 6600 T9892-ML1	FAI 1242518 license Missing - M-L 6600 Fth SQAM FM/PM	Denial

Windows Taskbar

WhatsApp

10.132.27.42 - Re...

Transmission Ma...

soemte2_Config_...

Total Command...

This PC

Presentation1 - P...

9:48 PM



Finally needs to cold restart
both ML to active MBB
configuration