

eVIP, Configuration Fault

DESCRIPTION

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1 Event Description

The `eVIP, Configuration Fault` event is reported when Transport Management detects a faulty configuration. This occurs in the following situations:

- A faulty configuration is entered.
- Transport Management starts, or restarts, with a faulty configuration.
- An Abstract Load Balancer (ALB) or a Front-End Element (FEE) is activated with a faulty configuration.

Transport Management issues a stateless alarm (an event) when a faulty configuration is detected. All alarm listeners receive this event, even those who did not enter the faulty configuration, or are unaware that a reconfiguration attempt has occurred.

The configuration faults are divided into the following two types:

- Syntax faults, for example, a malformed IP address is used. This type of fault can be detected immediately when the configuration is entered.
- Semantic faults. The configuration is syntactically correct but cannot be processed by Transport Management. The fault is detected later when Transport Management is notified to read the new configuration.

Table 1 eVIP, Configuration Fault Event Attributes

Attribute Name	Attribute Value
Major Type	193
Minor Type	2129526884
Managed Object Class	<Managed Object (MO) where the fault was detected>
Managed Object Instance	<Distinguished Name of the MO where the fault was detected>
Event Type	communicationsAlarm (2)
Probable Cause	x736UnspecifiedReason (418)
Specific Problem	eVIP, Configuration Fault
Additional Text	Fault in eVIP Configuration
Perceived Severity	critical (3)



2 Handle eVIP, Configuration Fault

Steps

1. Delete the MO where the fault was detected.

Note: This is only necessary if it was a semantic fault.

2. Recreate the MO with correct configuration.
3. Activate the MO (ALB or FEE) if necessary.
4. Is the problem solved?

Note: If the problem is not solved, the alarm comes back when the MO is recreated.

Yes: Proceed with Step 7.

No: Continue with the next step.

5. Perform data collection, refer to *Data Collection Guideline*.
6. Consult the next level of maintenance support. Further actions are outside the scope of this document.
7. Job is completed.

3 Configuration

Not Applicable.

4 Subscription

Not Applicable.