

eVIP, Configuration Fault

DESCRIPTION

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1 Introduction

This document describes the eVIP, Configuration Fault event.





2 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.

2.1 Information

The attributes of this event are explained in Table 1.

Table 1 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)



2.2 Usage

To handle the eVIP, Configuration Fault event:

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 will come 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.

2.3 Configuration

Not applicable.

2.4 Subscription

Not applicable.