

MRF Announcement Storage Unavailable

Virtual Multimedia Resource Function

Operating Instructions

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MRF Announcement Storage Unavailable



1 Overview

This instruction concerns alarm handling.

1.1 MRF Announcement Storage Unavailable Alarm Description

The severity of the alarm is Major. The alarm is issued by the `MrfInstance` MO.

The MRF Announcement Storage Unavailable alarm indicates that the announcement storage is not available. The alarm is ceased when the announcement storage becomes available again.

The possible alarm cause and alarm locations are explained in the table below.

Table 1 Alarm Causes

Alarm Cause	Description	Fault Reason	Fault Location	Impact
The announcement storage is not available.	Connection to the announcement storage server is lost or not configured properly.	There are network problems between the vMRF VM and the announcement storage server.	Network connection between the announcement storage server and the vMRF VM	Announcement play requests for announcement files, which are not cached locally in the vMRF VM, are rejected.
		The announcement storage directory in the storage server has been deleted.	Announcement storage server	Announcement files cached locally in the vMRF VM can be played.
		Configuration error in the announcement storage server or in the vMRF.	vMRF	Changes to the announcement files in the announcement storage are not conveyed to the vMRF VM.

The alarm attributes are listed and explained in [Table 2](#).



Table 2 Alarm Attributes

Attribute Name	Attribute Value
Major Type	193
Minor Type	5308429
Managed Object Class	MrfInstance
Managed Object Instance	ManagedElement=1,MediaResourceFunction=1,MrfResource=1,MrfInstance=x
Specific Problem	MRF Announcement Storage Unavailable
Event Type	ProcessingErrorAlarm (4)
Probable Cause	underlayingResourceUnavailable (165)
Additional Text	Announcement storage is unavailable;path:<mount_point> ⁽¹⁾ ;uuid:<uuid_value> ⁽²⁾
Perceived Severity	Major (4)
isStateful	true

(1) <mount_point> is the path to the announcement storage directory for announcement files.

(2) <uuid> is the identity of the Virtual Machine from which the alarm is issued.



2 Cease the MRF Announcement Storage Unavailable Alarm

1. See details for the MRF Announcement Storage Unavailable alarm. Check the Additional Text field of the alarm.
2. Check network connectivity between the vMRF VM indicated by the uuid and the announcement storage server using the ping command.

Note: Refer to the following deployment parameter values in the `announcement.conf` file located in `/etc/announcement_storage/`:

- `announcement_storage_server_ip`
- `management_net_name`

3. Verify that the directory for announcement files is available in the announcement storage server.
 - a. Log in to the announcement storage server and check the availability of the directory corresponding to the deployment parameter `announcement_storage_server_path`.
 - b. If the directory does not exist, create it, otherwise continue with the next step.
4. Verify that the announcement storage server is configured correctly in the vMRF by checking the following deployment parameters:

- `announcement_storage_server_port`
- `announcement_storage_server_username`
- `announcement_storage_ssh_private_key`
- `announcement_storage_server_fingerprint`

Correct erroneous parameter values so that deployment parameter values match the announcement storage server configuration.

2.1 Perform Concluding Routines

Steps

1. Make a report.
2. The job is completed.