

# Guide for Setting Up the VSI Availability Manager to Forward Events to HPE OpenView

This guide contains two sections. Section 1 is an overview and contains steps for installation and setup. Section 2 contains two sets of instructions: a set for a Management Server that runs on a UNIX system, and one for a Windows system.

## 1 Overview and Steps for Installation and Setup

This section provides the steps to configure both the VSI Availability Manager and HPE OpenView Operations (OVO) Server so that VSI Availability Manager events are forwarded to an OVO Server.

The VSI Availability Manager Data Analyzer signals events based on data that it collects from OpenVMS systems. If you want, you can configure these events so that the VSI Availability Manager forwards the event to an OVO Server for further processing. In this case, the Data Analyzer uses the HPE OpenView Management Agent to forward the events to the OVO Server.

The VSI Availability Manager acts as a **proxy server** for the OVO Server. As such, the VSI Availability Manager signals events for nodes that do not necessarily have OVO Management Agents installed. Because the VSI Availability Manager acts as a proxy server, the events that are signaled for these nodes appear in the message browser on the OVO Server under the name of the node that is running the VSI Availability Manager. The event data contains the name of the node where the event condition occurs and is displayed in the Node field in the message browser display.

Follow these steps for installation and setup:

1. Install and configure the VSI Availability Manager Data Collector on the OpenVMS systems that are to be monitored. See the *VSI Availability Manager Installation Instructions* for instructions on how to do this.
2. On the OpenVMS or Windows system where the VSI Availability Manager Data Analyzer is to be run:
  - a. Install and configure the OVO Management Agents to forward events to the HPE OpenView Server.
  - b. Install the VSI Availability Manager Data Analyzer. See the *VSI Availability Manager Installation Instructions* for instructions.
3. Install the VSI Availability Manager OVO template/policy on the OVO Server. Depending on the kind of system the HPE OpenView Server is installed on, see Section 2.1 or 2.2 for specific instructions.
4. Deploy (install and update) the template/policy to the Management Agents on the node where the VSI Availability Manager Data Analyzer is to be run.
5. Run the VSI Availability Manager Data Analyzer, and configure it to forward selected events to HPE OpenView. See *Section 7.7* of the *VSI Availability Manager User's Guide* for instructions.

After you perform these steps, the VSI Availability Manager is ready to forward events to HPE OpenView. If there are problems forwarding events to the Management Agents, the VSI Availability Manager posts an OVOERR event along with the VSI Availability Manager or OVO Management Agent error condition.

## 2 VSI Availability Manager HPE OpenView Template Installation Instructions

Sections 2.1 and 2.2 contain instructions for updating the Management Server. The steps to perform these updates differ depending on whether your Management Server runs on a UNIX or a Windows system:

- *Section 2.1* contains instructions for a UNIX system.
- *Section 2.2* contains instructions for a Windows system.

### 2.1 Updating a UNIX Management Server (OVOU)

Follow these steps if you plan to view your VSI OpenVMS Availability Manager messages from a UNIX Management Server:

To distribute the updates on a UNIX Management Server, follow these steps:

1. Log on to your OVOU server.
2. Copy the `OVOU_vmsam.TAR` file to the UNIX Management Server into a temporary directory such as `/tmp`.

3. To make the required updates to the Management Server, perform the following lettered steps:

**Note:** Perform the lettered steps in the following section ONLY ONCE, even if you later add nodes or perform other update tasks.

- a. To distribute the files on the Management Server, set the directory to the root directory, and untar the file using the following commands:

```
# cd /  
# tar -xvf <your-temp-directory>OVOU_vmsam.TAR
```

- b. Upload the templates so that you can distribute them later to the agent nodes:

```
# opccfgupld -add VMSAMpkg
```

## 2.2 Updating a Windows Management Server (OVOW)

Perform the following numbered steps if you plan to manage your OpenVMS system from a Windows Management Server.

**Note:** Perform the installation on the “C:” drive of the Windows Management Server.

1. Extract the OVOU\_vmsam.ZIP files into the HPE OpenView folder:

```
C:\Program files\HPE OpenView
```

During the extraction process, do not create subfolders; the extraction into the HPE OpenView folder places the files in the correct subfolders.

2. Go to the \HPE OpenView\install\OpenVMS folder. Run the Upload\_AM\_Policy batch file to load the HPE OpenView AM policies on the OVOW console.

Load the following Policy on the OVOW console:

```
\Policy management\Policy groups\OpenVMS_policies\AvailMan
```

At this point, you have installed the policies for the VSI OpenVMS Availability Manager.

Finally, follow this post-installation step:

3. Go to the \Policy management\Policy groups\OpenVMS\_policies directory, and select the AvailMan template.

Drag and drop the file into \Nodes\your-managed-node-name.

This last action associates the policy with the node.

By completing the steps in either Section 2.1 or 2.2, you have made the HPE OpenView Management Server aware of the VSI Availability Manager. The VSI Availability Manager can now forward VSI Availability Manager events to the HPE OpenView Server.