

This card provides a summary reference for installation, configuration, and discovery of objects in Veritas InfoScale Operations Manager. For detailed installation, upgrade, and configuration instructions, see the **Veritas InfoScale Operations Manager Installation and Configuration Guide**.

### 1 Planning

Keep the following information ready before installation:

- Environment size: Small (< 500 hosts), Medium (500 > hosts < 1000), or Large (1000 > hosts < 3000)
- For system and network requirements, visit the link:  
<https://www.veritas.com/product/storage-management/infoscale-operations-manager/system-requirements>
- Type of Management Server: Standalone, HA/DR/HADR, Linux/Windows, physical/virtual
- Type of Authentication: LDAP, AD, NT, or Unixpwd
- Root/administrator user credentials for the Management Server host
- List of managed hosts, enclosures, switches, virtualization servers (AIX, VMware)
- List of users
- For supported software and hardware information, refer to the compatibility list available here:  
<https://sort.veritas.com/documents/>

### 2 Installing

Download the zip files for Management Server, managed host bundle, and add-ons from the following site:  
<https://www.veritas.com/product/storage-management/infoscale-operations-manager>

- Install or Upgrade the Management Server
  - Linux:
    - Run one of the following commands to convert the bin file to an executable:
      - `chmod +x Veritas_Operations_Manager_MS_7.3_Linux.bin`
      - `chmod +x Veritas_Operations_Manager_MS_7.3_Linux_Full.bin`
    - Run one of the following commands:
      - `./Veritas_Operations_Manager_MS_7.3_Linux.bin`
      - `./Veritas_Operations_Manager_MS_7.3_Linux_Full.bin`
  - Windows: Run one of the following files:
    - `Veritas_Operations_Manager_MS_7.3_Win.exe`
    - `Veritas_Operations_Manager_MS_7.3_Win_Full.exe`
- Configure the Management Server
  - On a host that has a network connection to the Management Server, open a Web browser and launch the following URL:  
<https://<ManagementServerNameorIP>:5634/>
  - Follow the instructions to configure the Management Server.

Refer to the latest version of the product documentation available on the SORT:  
<https://sort.veritas.com/documents>

### 3 Logging on to the Management Server console

- Launch the Management Server console  
From any system that has network connectivity to the Management Server, open a Web browser and launch the following URL:  
<https://<ManagementServerNameorIP>:14161/>
- Log on to the console using a root or admin user.

### 4 Enabling add-ons (optional)

- If you have not installed the full bin, upload the required add-ons and install them: **Settings > Deployment**
- If you decide to install the Control Host Add-on or the Fabric Insight Add-on on a host other than the Management Server host, you first need to add another host to the Management Server and then install the add-ons.
- If you have upgraded the Management Server to the latest version, you need to upload and install the following add-ons:
  - Control Host Add-on
  - Storage Insight Add-on

### 5 Configuring security (optional)

- Configure LDAP/AD domain: **Settings > Configure LDAP/AD**
- Assign permissions to user groups on a perspective: **Settings > Security > Permissions**

### 6 Adding hosts, clusters, enclosures, switches, and virtualization servers

- Add managed hosts using the gendeploy script or using the Management Server console:  
**Settings > Add Hosts**  
Hosts should have *VRTSsfmh* package installed on them.
  - Download the gendeploy script: **Settings > Host > Auto Configure > Download**
  - Copy the downloaded script on the host that you want to add to the Management Server.
  - Run the script: `/opt/VRTSsfmh/bin/perl <script name>`
- If the hosts belong to a cluster (Microsoft Failover Cluster, VCS), then clusters are discovered in **Availability** perspective, while the hosts are discovered in the **Server** perspective.
- Configure enclosures. Vendor management tool should be installed on the managed hosts. After discovery, view the enclosures in **Storage** perspective.
- Configure Cisco switch discovery using SNMP communication or Brocade switch discovery using HTTP or BNA. These are visible in **Storage** perspective under SAN.
- Configure Virtual Center or HMC to discover its Virtual Machines or LPARs. These are visible in **Virtualization** perspective.

For more information on configuring enclosures and switches, refer to the *Veritas InfoScale Operations Manager Add-ons User Guide*.

### 7 Creating Organizations and assigning permissions

- Create an Organization in any perspective: **Right-click Data Center > Create Organization**  
To create a nested Organization, right-click the parent Organization.
- Assign permissions to user groups on an Organization: **Right-click the Organization > Properties > Permissions > Add Permissions**
- Move objects into Organizations: **Select an object in the Uncategorized folder > Right-click > Move To > Select the Organization**  
You can also create rules for moving objects into Organization.
- Objects within an Organization inherit the permissions that are assigned to the Organization. To exclusively assign permissions to user groups on an object, you need to modify the inherited permissions.
- Exclusively assign permission on an object: **Right-click the object > Properties > Permissions > Modify Role**