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Before you begin

You must have system administrator privileges for VMware vSphere or vCenter

Note If you want to use a static IP address rather than DHCP, you must know the following information:

- IP address
- Subnet mask
- Default gateway

Note VMware vSphere ESXI 6.5 , 6.7, 7.0, and 7.0 U3 are the qualified version for OVA deployment. Ensure that the IP address of the source is different from the IP address of the target system.

Procedure

Step 1 Log in to VMware vSphere Client.

Step 2 In the **Navigation** pane, click the vSphere host on which you want to deploy.

Step 3 Choose **File** > **Deploy OVF Template**.

The **Deploy OVA Template** window appears.

Step 4   On the **Source** screen pane of the**Deploy OVF Template**, do one of the following to choose your OVA source location:

- If the OVA file is stored on your local computer, browse to the location, choose the file, and click **Open**.
- If the OVA file is stored on a server on your local area network, enter the location of the file including the IP address or fully qualified domain name of the server.

Step 5   On the **OVA Template Details** screen, verify the details and click **Next**.

Step 6   On the **Name and Location** screeen, do the following:

a) In the **Name** field, enter a unique name for the VM.
b) In the **Inventory Location** area, choose the location where you want the VM to reside.
c) Click **Next**

Step 7   Select a **compute resource** by selecting the **IP address** under which the VM has to be tagged and click **Next**.

Review the template details. Details about the publisher, Download size, the size on the disk and extra configuration will be displayed.

Step 8   On the **Storage** screen, choose the storage location for the VM and click Next.

Step 9   In the **Disk Format** pane, from the drop down options available, choose one of the following and click **Next**:

- **Thin Provisioned** format—To allocate storage on demand as data is written to disk.
- **Thick Provisioned (Lazy Zeroed)** format —To allocate storage immediately in thick format.
- **Thick Provisioned (Eager Zeroed)** format —To allocate storage in thick format. It might take longer to create disks using this option.

By default 100gb of data storage will be allocated.

Step 10   In the **Network Mapping** pane, choose network for VM and click **Next**.

Step 11   In the **Properties** pane, enter the following information and click **Next**:

- Gateway IP Address

- Management IP Address

- Management IP Subnet Mask

- Root Password

     Note   The root password can be configured with any value during deployment.

- Shelladmin Password

     Note   Shelladmin password can be configured with any value during deployment.

Step 12   In the **Ready to Complete** pane, verify the options selected, and click **Finish**.

Make sure you have sufficient vCPU and memory to power on the VM.

Step 13   After the appliance has booted up, copy and paste the Cisco IMC Supervisor IP address that appears into a supported web browser to access the **Login** page.

Step 14   On the **Login** page, enter `admin` as the username and `admin` for the login password.

What to do next

Update your license.

Configuring the Network Interface using Shelladmin

This procedure is optional.

Procedure

Step 1   Log in to the Cisco IMC Supervisor VM console using the Shell admin credentials configured during deployment.

Step 2   Choose `Configure Network Interface`.

Step 3   At the `Do you want to Configure DHCP/STATIC IP [D/S]` prompt, enter one of the following choices:

- If DHCP is enabled, enter **D** (IP addresses are assigned automatically)
- To configure static IP, enter **S**, and then choose the interface you want to configure at the next prompt followed by the option to select IPv4 or IPv6. This is followed by the confirmation of the interface selected and the version of IP for which you select **Y** to continue. Then enter the following details:

    - IP address

    - Netmask

    - Gateway

    - (Optional) DNS Server 1

    - (Optional) DNS Server 2

Step 4   Confirm when prompted.

Reserving System Resources

For optimal performance, we recommend reserving extra system resources for Cisco IMC Supervisor beyond the minimum system requirements.

Note   For more information about how to reserve system resources, see the VMWare documentation.

Procedure

Step 1   Log into VMware vCenter.

Step 2   Choose the VM for Cisco IMC Supervisor.

Step 3   Shut down the VM.

Step 4   In VMware vCenter, click the **Resource Allocation** tab to view the current resource allocations, and click **Edit.**

Step 5   In the **Virtual Machine Properties** pane, edit resource allocations by choosing a resource and entering the new values.

Step 6   Verify that the new resource allocations have been made.