



# Installing Cisco Elastic Services Controller on VMware vCloud Director

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This chapter describes how to install Cisco Elastic Services Controller on VMware vCloud Director and includes the following sections:

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- [Adding the VIM Connectors, on page 2](#)
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## Uploading the ESC OVA file into a Catalog in VMware vCloud Director

### Procedure

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- Step 1** Log in to a vCD organization through a vCD web client.
- Step 2** From **Catalogs > My Organization's Catalogs**, select a catalog.
- Step 3** Under the vApp Templates tab, click **Upload**
- The **Upload OVF package as a vApp Template** window appears.
- Step 4** In the OVF package field, click **Local file**. Click **Browse** and choose the ESC OVA file from the local system.
- Step 5** Click **Upload** to transfer the ESC OVA file into the catalog.
- After uploading the ESC OVA file, you can access the ESC vApp template from the catalog.
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## Deploying ESC vApp on vCD Web Client

This section describes the deployment scenario for Elastic Services Controller (ESC) and the procedure to deploy ESC vApp on VMware vCloud Director (vCD).

Resources such as organization, organization VDC, and so on must be created on vCD before deployment. For more information, see the Managing Resources on vCloud Director (vCD).

To deploy ESC vApp on vCD web client, you must:

### Procedure

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- Step 1** Log in to a vCD organization through a vCD web client.
- Step 2** From **Catalogs > My Organization's Catalogs**, select a Catalog.
- Step 3** Select the ESC vApp template, right click and select **Add to My Cloud**.
- Step 4** To complete the deployment, you must specify the following in the **Add to My Cloud** wizard:
- Select Name and Location**- Specify **ESC** as the name of the vApp and select its virtual datacenter.
  - Configure Resources**- Specify **ESC** as the VM name and **SharedOnly** for storage policy.
  - Network Mapping**- Specify interface(s) network type as **MgtNetwork**, **SvcNetwork**, and **VnfNetwork**. IP allocation is **Static-Manual** for all types of network in an IPv4.
  - Custom Properties**- Fill in the custom properties for day(0) operation. **Note:** Do not fill or change anything in the **VM Settings of vCenter Server** section.
  - Customize Hardware**- Specify CPU use, memory consumption, and other core parameters.
  - Ready to Complete**- Check the **Power on vApp after this wizard is finished** on the bottom right corner of the wizard and click **Finish**.
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## Adding the VIM Connectors

For more information on configuring VIM connectors after installation and managing VIM connectors, see the Managing VIM Connectors chapter in the Cisco Elastic Services Controller User Guide.

## Adding Self-Signed Certificate

If the vCD instance is using a self-signed certificate, use the following command to add the certificate into ESC, so that it qualifies the SSL verification:

```
$ escadm truststore add --help
usage: escadm truststore add [-h] [-v] --alias ALIAS --file FILE
```

optional arguments:

```
-h, --help          show this help message and exit
-v, --v, --verbose  show verbose output
--alias ALIAS
--file FILE
```