

Install Cisco ISE on VMWare ESXi:

Log in to VMWare ESXi type the IP Address in browser <http://192.168.100.100>

← → ↻ ⚠ Not secure | 192.168.100.100/ui/#/login



User name

Password

Log in



Go to **Virtual Machines** click on **Create / Register VM** from the VMWare ESXi.

← → ↻ ⚠ Not secure | 192.168.100.100/ui/#/host/vms

vmware ESXi™

Navigator

- Host
 - Manage
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- Virtual Machines 12**
 - EVE-Pro
 - Monitor

localhost.localdomain - Virtual Machines

Create / Register VM Console Power on Power off

<input type="checkbox"/>	Virtual machine	Status
<input type="checkbox"/>	WIN10	✓ Normal
<input type="checkbox"/>	XP	✓ Normal
<input type="checkbox"/>	PFSense	✓ Normal

Select Creation Type, **deploy a virtual machine from an OVF or OVA file** and click **Next**.

The screenshot shows the 'New virtual machine' wizard. On the left, a sidebar lists seven steps: 1. Select creation type (highlighted with a green checkmark), 2. Select OVF and VMDK files, 3. Select storage, 4. License agreements, 5. Deployment options, 6. Additional settings, and 7. Ready to complete. The main area is titled 'Select creation type' with the question 'How would you like to create a Virtual Machine?'. It contains three options: 'Create a new virtual machine', 'Deploy a virtual machine from an OVF or OVA file' (highlighted with a red box), and 'Register an existing virtual machine'. To the right of these options, a text block explains: 'This option guides you through the process of creating a virtual machine from an OVF and VMDK files.' At the bottom right, there are four buttons: 'Back', 'Next' (highlighted with a red box), 'Finish', and 'Cancel'.

Enter a name for the Virtual Machine, **Click to select files or drag/drop** to select the OVA template, and click **Next**.

The screenshot shows the 'New virtual machine - ISE' wizard. The sidebar on the left now highlights step 2: 'Select OVF and VMDK files'. The main area is titled 'Select OVF and VMDK files' with the instruction 'Select the OVF and VMDK files or OVA for the VM you would like to deploy'. Below this, there is a text field for 'Enter a name for the virtual machine.' containing the text 'ISE' (highlighted with a red box). A note below the field states: 'Virtual machine names can contain up to 80 characters and they must be unique within each ESXi instance.' Below the text field is a large light blue area with the text 'Click to select files or drag/drop'. Inside this area, a file icon and the name 'ISE-2.7.0.356-virtual-SNS3615-SNS3655-300.ova' are shown (highlighted with a red box). At the bottom right, there are four buttons: 'Back', 'Next' (highlighted with a red box), 'Finish', and 'Cancel'.

Choose a data store to host the OVA in **Select Storage** page and click **Next**.

Select storage

Select the storage type and datastore

☐ Standard ☐ Persistent Memory

Select a datastore for the virtual machine's configuration files and all of its' virtual disks.

Name	Capacity	Free	Type	Thin pro...	Access
DS1	1.09 TB	760.76 GB	VMFS6	Supported	Single
DS2	1.09 TB	987.88 GB	VMFS6	Supported	Single
DS3	1.09 TB	888.24 GB	VMFS6	Supported	Single
SSD	447 GB	443.12 GB	VMFS6	Supported	Single

4 items

Back **Next** Finish Cancel

In **Deployment options** page, select Management Interface VM Network, **Deployment type:** **Eval**, Click the **Thick** Provision radio button and uncheck Power on automatically click **Next**.

Deployment options

Select deployment options

Network mappings: VM Network

Deployment type:
Use this configuration for Evaluation deployments. This deployment will need 4 vCPUs and 16384 Memory for the vApp.

Disk provisioning: ☒ Thin ☐ Thick

Power on automatically: ☐

Back **Next** Finish Cancel

Verify the information in the **Ready to Complete** page. Click **Finish** button.

New virtual machine - ISE

- ✓ 1 Select creation type
- ✓ 2 Select OVF and VMDK files
- ✓ 3 Select storage
- ✓ 4 Deployment options
- ✓ 5 Ready to complete

Ready to complete

Review your settings selection before finishing the wizard

Product	ISE-2.7.0.356-virtual-SNS3615-SNS3655-300
VM Name	ISE
Files	ISE-2.7.0.356-virtual-SNS3615-SNS3655-300-disk1.vmdk
Datastore	DS1
Provisioning type	Thin
Network mappings	VM Network: VM Network
Guest OS Name	Red Hat Enterprise Linux 7 (64-bit)
Profile	Use this configuration for Evaluation deployments. This deployment will need 4 vC PUs and 16384 Memory for the vApp.

Back Next **Finish** Cancel

It will take time to import Cisco ISE image to VMware ESXI.

Quick filters...	13 items
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Task	Target	Initiator	Queued	Started	Result	Completed
Upload disk - ISE-2.7.0.356-virtual-SNS3615-SNS...	ISE	root	07/06/2021 16:00:40	07/06/2021 16:00:40	<div></div>	Running... 2 %
Create VM	ISE		07/06/2021 16:00:39	07/06/2021 16:00:39	Completed successfully	07/06/2021 16:00:39
Import VApp	Resources	root	07/06/2021 16:00:39	07/06/2021 16:00:39	<div></div>	Running... 2 %

Type **Setup** to configure the required parameters.

```
ISE1-V3
*****
Please type 'setup' to configure the appliance
*****
localhost login: _
```

It will be prompted with a set of parameters that you can configure.

Hostname:	ISE
IP Address:	192.168.100.210
IP NetMask:	255.255.255.0
Gateway:	192.168.100.1
DNS domain:	google.com
Primary nameserver:	192.168.100.1
Username:	admin
Password:	Abc@12345
Check application status	Show app status ise
Ping default gateway	ping 192.168.100.1

```

Press 'Ctrl-C' to abort setup
Enter hostname[]: ise
Enter IP address[]: 192.168.100.210
Enter IP netmask[]: 255.255.255.0
Enter IP default gateway[]: 192.168.100.1
Do you want to configure IPv6 address? Y/N [N]: N
Enter default DNS domain[]: 8.8.8.8
Domain name can not be an IP address
Enter default DNS domain[]: google.com
Enter primary nameserver[]: 8.8.8.8
Add secondary nameserver? Y/N [N]: N
Enter NTP server[time.nist.gov]:
Add another NTP server? Y/N [N]: N
Enter system timezone[UTC]:
Enable SSH service? Y/N [N]: Y
Enter username[admin]:
Enter password:
Enter password again:
Copying first CLI user to be first ISE admin GUI user...
Bringing up network interface...

```

Type <https://192.168.100.210> in browser, Username: **admin** Password: **Abc@12345**

