



Before you begin

FlexPod

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Before you begin

To monitor and orchestrate NetApp storage from Cisco Intersight, you need NetApp Active IQ Unified Manager and Cisco Intersight Assist Virtual Appliance installed in the vCenter environment.

Install or Upgrade NetApp Active IQ Unified Manager

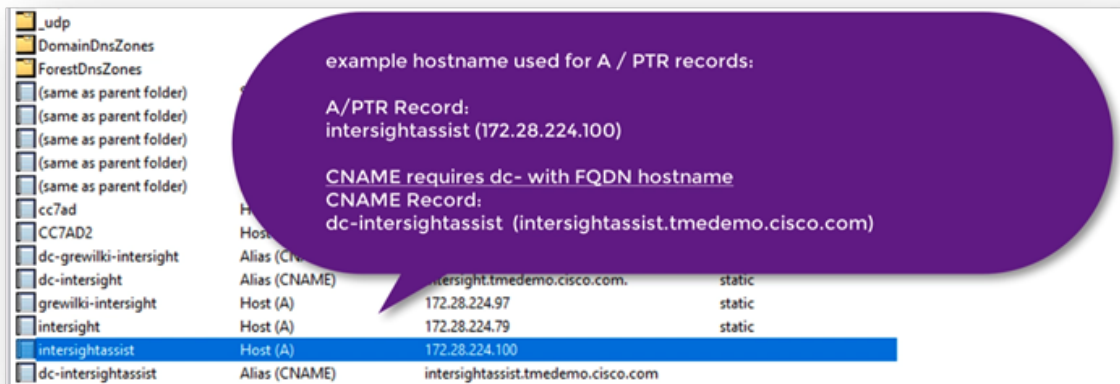
Install or upgrade to Active IQ Unified Manager 9.8p1 or later if you have not done so. For instructions, go to the [Unified Manager 9.8 Documentation Center](#).

Install Cisco Intersight Assist Virtual Appliance

Ensure that you meet the [Cisco Intersight Virtual Appliance Licensing, System, and Network requirements](#).

Steps

1. Create a Cisco Intersight Account.
Visit <https://intersight.com/> to create your Intersight account. You must have a valid Cisco ID to create a Cisco Intersight account.
2. Download the Intersight Virtual Appliance at software.cisco.com. For more information, go to the [Intersight Appliance Install and Upgrade Guide](#).
3. Deploy the OVA. DNS and NTP are required to deploy the OVA.
 - a. Configure DNS with A/PTR and CNAME Alias records prior to deploying the OVA. See the example below.



The screenshot shows a DNS management interface with a list of records. A purple callout box provides details for the 'intersightassist' record.

Record Name	Type	Value	Priority
intersightassist	Host (A)	172.28.224.100	static
dc-intersightassist	Alias (CNAME)	intersightassist.tmedemo.cisco.com	

example hostname used for A / PTR records:

A/PTR Record:
intersightassist (172.28.224.100)

CNAME requires dc- with FQDN hostname
CNAME Record:
dc-intersightassist (intersightassist.tmedemo.cisco.com)

- b. Choose the appropriate configuration size (Tiny, Small, or Medium) based on your OVA deployment requirements for Intersight Virtual Appliance.

TIP: For a two-node ONTAP cluster with a large number of storage objects, NetApp recommends that you use the Small (16 vCPU, 32 Gi RAM) option.

Deploy OVF Template

✓ 1 Select an OVF template

✓ 2 Select a name and folder

✓ 3 Select a compute resource

✓ 4 Review details

5 Configuration

6 Select storage

7 Select networks

8 Customize template

9 Ready to complete

Configuration

Select a deployment configuration

<input type="radio"/> Small(16 vCPU, 32 Gi RAM)	Description Deployment size supports Intersight Assist only.
<input type="radio"/> Medium(24 vCPU, 64 Gi RAM)	
<input checked="" type="radio"/> Tiny(8 vCPU, 16 Gi RAM)	

3 items

CANCEL

BACK

NEXT

- c. On the **Customize Template** page, customize the deployment properties of the OVF template. The administrator password is used for the local users: `admin(webUI/cli/ssh)`.

Deploy OVF Template

- ✓ 1 Select an OVF template
- ✓ 2 Select a name and folder
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- ✓ 4 Review details
- ✓ 5 Configuration
- ✓ 6 Select storage
- ✓ 7 Select networks
- 8 Customize template**
- 9 Ready to complete

Customize template

Customize the deployment properties of this software solution.

✓ All properties have valid values

Uncategorized	8 settings
Enable DHCP	Use DHCP for networking. All static params will be ignored. <input type="checkbox"/>
IP Address	IPv4 address (Must have PTR record in your DNS) <input type="text"/>
Net Mask	IPv4 Network Mask <input type="text" value="255.255.255.0"/>
Default Gateway	IPv4 Default Gateway <input type="text"/>
DNS Domain	DNS Search Domain <input type="text"/>
DNS Servers	Comma-separated list of DNS servers <input type="text"/>

CANCEL

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NEXT

Deploy OVF Template

- ✓ 1 Select an OVF template
- ✓ 2 Select a name and folder
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- 8 Customize template**
- 9 Ready to complete

Net Mask	IPv4 Network Mask
	255.255.255.0
Default Gateway	IPv4 Default Gateway
DNS Domain	DNS Search Domain
DNS Servers	Comma-separated list of DNS servers
Administrator password	Password for local admin account
	Password <input type="password"/> Confirm Password <input type="password"/>
NTP Server	Comma-separated list of NTP servers. If no servers are provided, NIST servers will be configured.
	<input type="text"/>

CANCEL
BACK
NEXT

d. Click **Next**.

4. Post-deploy the Intersight Assist Appliance.

a. Navigate to <https://FQDN-of-your-appliance> to complete the post-install set-up of your appliance.

The installation process automatically begins. Installation can take up to one hour depending on bandwidth to Intersight.com. It can also take several seconds for the secure site to be operational after the VM powers on.

b. During the post-deployment process, select what you would like to install:

- **Intersight Connected Virtual Appliance.** This deployment requires a connection back to Cisco and Intersight services for updates and access to required services for full functionality of Intersight.com.
- **Intersight Private Virtual Appliance.** This deployment is intended for an environment where you operate data centers in a disconnected (air gap) mode.
- **Intersight Assist.** This deployment enables SaaS model to connect to Cisco Intersight.



If you select Intersight Assist, take note of the device ID and claim code before you continue.

What would you like to Install ?

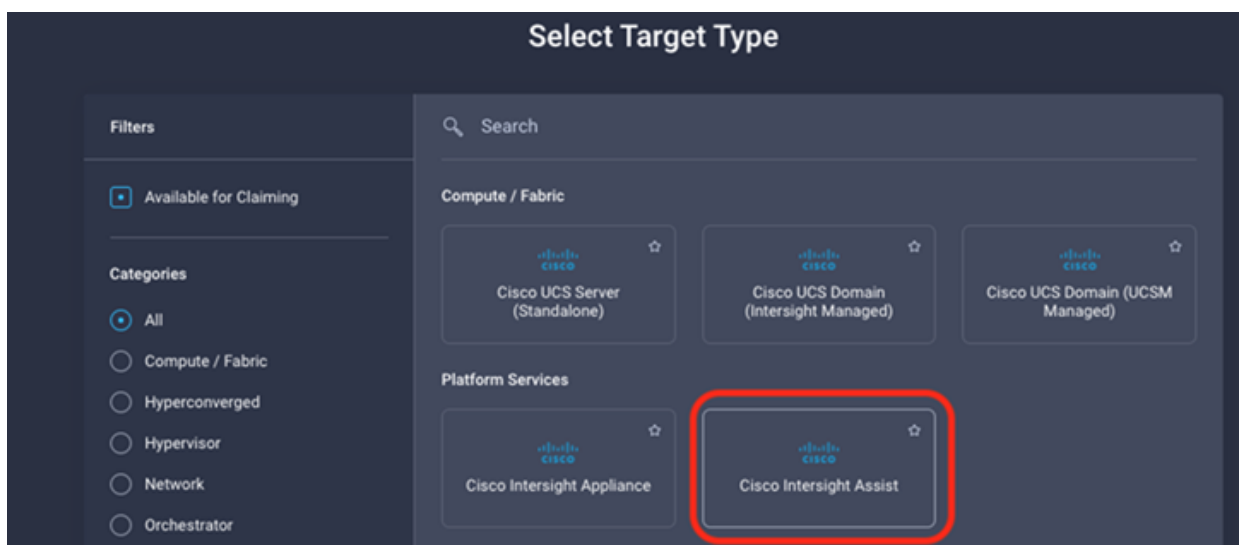
☐ Intersight Connected Virtual Appliance

☐ Intersight Private Virtual Appliance

☐ Intersight Assist

[Recover from backup](#) [Proceed](#)

- c. Click **Proceed**.
- d. If you selected **Intersight Assist**, complete the following steps:
 - i. Navigate to your SaaS Intersight account at <https://intersight.com>.
 - ii. Click **Targets**, **Cisco Intersight Assist**, and then **Start**.
 - iii. Claim the **Cisco Intersight Assist** appliance by copying and pasting the device ID and claim code from your newly deployed Intersight Assist virtual appliance.



- iv. Return to the **Cisco Intersight Assist** appliance and click **Continue**. You might need to refresh the browser.

The download and installation process begins. The binaries are transferred from Intersight Cloud to your on-prem appliance. Completion time varies depending on your bandwidth to the Intersight Cloud.

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