



## **4. Register API/Apps in DNS: NetApp HCI for Red Hat OpenShift on RHV**

NetApp Solutions

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May 24, 2021

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## 4. Register API/Apps in DNS: NetApp HCI for Red Hat OpenShift on RHV

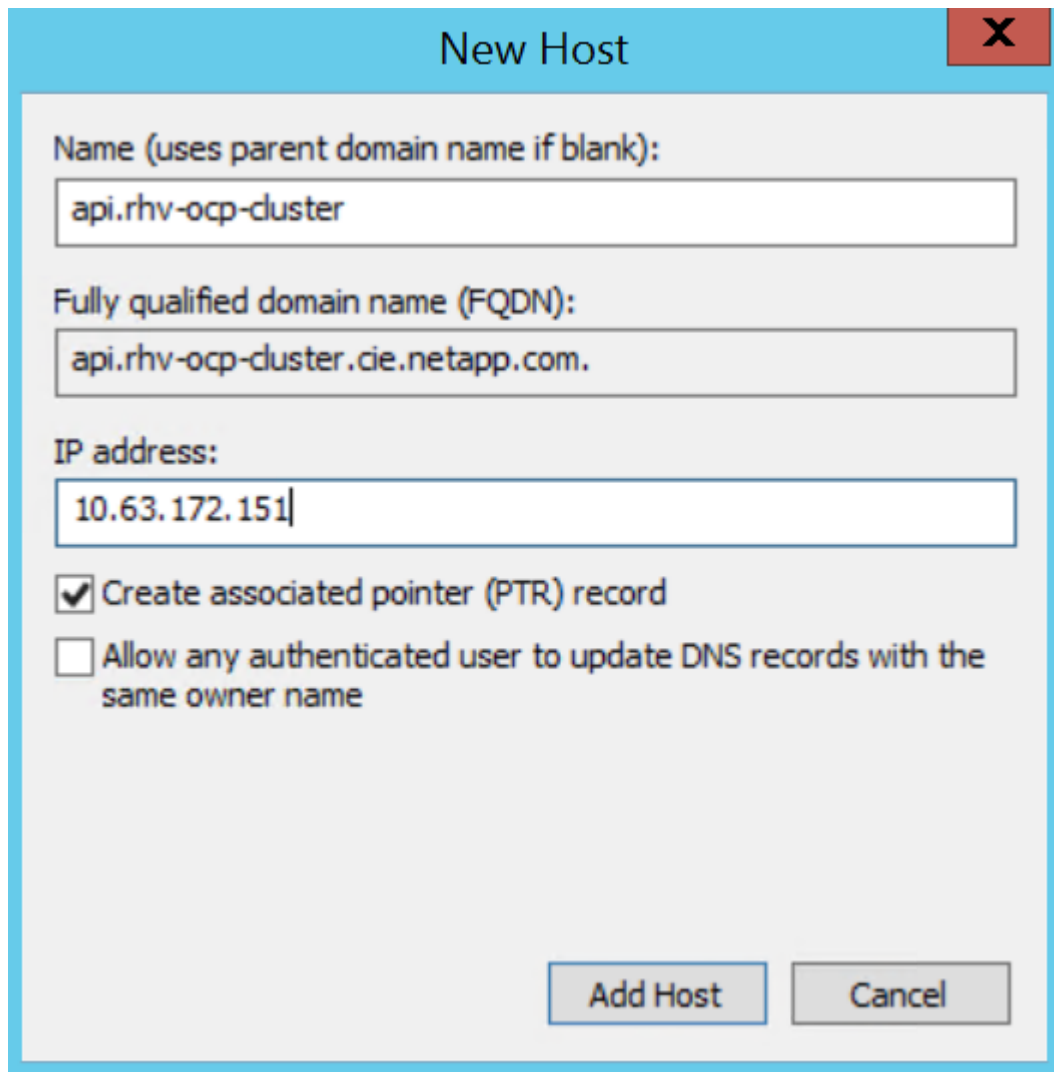
To register API/Apps in DNS, complete the following steps:

1. Reserve three static IP addresses from the network being used for OCP: the first IP address for OpenShift Container Platform REST API, the second IP address for pointing to the wildcard application ingress, and the third IP address for the internal DNS service. The first two IPs require an entry in the DNS server.



The default value of the `machineNetwork` subnet as created by IPI during OpenShift install is `10.0.0.0/16`. If the IPs you intend to use for your cluster's management network fall outside of this range, you might need to customize your deployment and edit these values before deploying the cluster. For more information, see the section [Use a Custom Install File for OpenShift Deployment](#).

2. Configure the API domain name by using the format `api.<openshift-cluster-name>.<base-domain>` pointing to the reserved IP.



The image shows a 'New Host' dialog box with a light blue border and a red close button in the top right corner. The dialog contains the following fields and options:

- Name (uses parent domain name if blank):** A text box containing 'api.rhv-ocp-cluster'.
- Fully qualified domain name (FQDN):** A text box containing 'api.rhv-ocp-cluster.cie.netapp.com.'
- IP address:** A text box containing '10.63.172.151'.
- ☒ **Create associated pointer (PTR) record**
- ☐ **Allow any authenticated user to update DNS records with the same owner name**
- At the bottom right, there are two buttons: 'Add Host' and 'Cancel'.

3. Configure the wildcard application ingress domain name by using the format `*.apps.<openshift-cluster-name>.<base-domain>` pointing to the reserved IP.

New Host

Name (uses parent domain name if blank):

\*.apps.rhv-ocp-cluster

Fully qualified domain name (FQDN):

\*.apps.rhv-ocp-cluster.cie.netapp.com.

IP address:

10.63.172.152

☒ Create associated pointer (PTR) record

☐ Allow any authenticated user to update DNS records with the same owner name

Add Host

Cancel

Next: 5. Generate and Add SSH Private Key

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