

# VMware Cloud Director Availability On-premises Guides

Guide #7

Connect to the provider cloud

You can find the most up-to-date technical documentation on the VMware website at: <https://docs.vmware.com/>

If you have comments about this documentation, submit your feedback to: [vcav-light@vmware.com](mailto:vcav-light@vmware.com)

1. To connect to the service provider cloud, click **Settings** and under **Site settings**, next to **Pairing** click **Configure**.

**VMware Cloud Director Availability**  
Replicator Service

Administrator@VSPHERE.LOCAL

(Not paired)

**Replications**

- Outgoing Replications
- Incoming Replications
- Replication Tasks
- Emergency Recovery
- Source Replications

**System**

- Settings**
- L2 Stretch
- System Health
- System Tasks
- Support Bundles
- Backup Archives
- About

**Settings**

**Site settings**

Pairing	Not configured	Configure
Placement to newly recovered VMs on this site	Not configured	Configure

**Service endpoints**

Lookup Service Address	https://192.168.1.10:443/lookupservice/sdk	Remove   Edit
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**Appliance settings**

Root password	*****	Change
> Traffic Control	OK	Edit
> Network	photon-machine	Edit
> Certificate	11/22/2021, 11:08:17 AM - 11/22/2022, 11:08:17 AM	Import   Regenerate
NTP server addresses	10.23.108.1	Edit
> Logging levels	Default: INFO	Edit

**Security settings**

The **New Pairing** wizard opens.

2. In the **Site Details** page, enter the Site name, optionally enter a Description and click **Next**.

**New Pairing**

- 1 Site Details**
- 2 Lookup Service
- 3 Cloud Service Details
- 4 Ready To Complete

**Site Details**

Enter a name that will identify your vSphere site to the cloud provider.

**Site name:** \* My-On-Premise

**Description:**

Enter some meaningful information about the site.

CANCEL NEXT

3. In the **Lookup Service Details** page, enter the SSO administrator account credentials and click **Next**.

The screenshot shows the 'New Pairing' sidebar on the left with four steps: 1 Site Details, 2 Lookup Service (highlighted), 3 Cloud Service Details, and 4 Ready To Complete. The main panel is titled 'Lookup Service Details' and contains the following fields:

- Lookup Service Address:** `https://192.168.1.10:443/lookupservice/sdk`
- SSO Admin Username:** `administrator@vsphere.local`
- Password:** `*****` (with an eye icon to toggle visibility)

Below the fields is an information box with a blue header and an 'i' icon:

Applying the configuration will install the VMware Cloud Director availability plugin in the vSphere Client. To be able to use the plugin to monitor and manage your DR workflows, you must provide the address (FQDN, IP) you will be using to access the vSphere Web Client. If you provide IP here and then access the vSphere client by FQDN, the plugin will not be accessible.

At the bottom right are three buttons: **CANCEL**, **BACK**, and **NEXT**.

4. In the **Cloud Service Details** page, to allow managing the replications from the cloud, select **Allow Access from Cloud**.

**Note:** By leaving **Allow Access from Cloud** deselected, the replications can be created and managed only by using the on-premises vSphere plug-in. This option can be changed later by editing the pairing configuration.

The screenshot shows the 'New Pairing' sidebar on the left with four steps: 1 Site Details, 2 Lookup Service, 3 Cloud Service Details (highlighted), and 4 Ready To Complete. The main panel is titled 'Cloud Service Details' and contains the following fields:

- Service Endpoint address:** `https://192.168.10.200`
- Organization Admin:** `admin@org`
- Organization Password:** `*****` (with an eye icon to toggle visibility)

Below the fields is a toggle switch labeled **Allow Access from Cloud**, which is currently turned on (green). Below the toggle is an information box with a blue header and an 'i' icon:

Privileged VMware Cloud Director users are allowed to remotely browse the VMs on this site and configure them for replication.

At the bottom right are three buttons: **CANCEL**, **BACK**, and **NEXT**.

- In the **Cloud Service Details** page, click **Next**, verify the thumbprint and **accept** the cloud certificate.

The screenshot shows the 'Cloud Service Details' page in the 'New Pairing' wizard. A yellow warning dialog is displayed in the center, asking 'Do you trust the server certificate?'. The dialog contains the following information:

- Certificate:** 11/22/2021, 11:32:23 AM - 11/22/2022, 11:32:23 AM
- Issued To:**
  - Common Name (CN): cloud.vm
  - Organization (O): Unknown
  - Organization Unit (OU): Unknown
- Issued By:**
  - Common Name (CN): cloud.vm
  - Organization (O): Unknown
  - Organization Unit (OU): Unknown
- Fingerprints:**
  - SHA-256: C8:D3:DE:2E:D4:96:7B:4B:03:A7:20:28:5B:99:CF:11:67:F1:B4:8D:B3:B7:80:5F:E6:27:22:0C:B3:94:F3:97

At the bottom of the dialog are 'REJECT' and 'ACCEPT' buttons. In the background, the 'Cloud Service Details' page has a 'Next' button at the bottom right.

- In the **Ready To Complete** page, to provide the placement of newly recovered VMs details later, click **Finish**.

The screenshot shows the 'Ready To Complete' page in the 'New Pairing' wizard. The page displays the following configuration details:

Site Name	My-On-Premise
Site Description	
Lookup Service Address	https://192.168.1.10:443/lookupservice/sdk
SSO Admin Username	administrator@vsphere.local
Service Endpoint address	https://192.168.10.200
Organization Admin	admin@org01
Allow Access from Cloud	Yes

Below the configuration details, there is an information icon and a message: 'After you finish the pair/repair setup, you will be able to configure **datacenter to cloud** replications. To activate **cloud to datacenter** replications, you must specify local placement settings.'

At the bottom, there is a toggle switch labeled 'Edit / configure local placement now' which is currently turned off. At the bottom right, there are 'CANCEL', 'BACK', and 'FINISH' buttons.

Optionally, to provide placement details now, select **Edit / Configure local placement** now, and click **Finish**.

The **Configure Placement** wizard opens.

**Note:** To configure the placement details, see Guide #4. Edit / Configure placement details.



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