

# VMware Cloud Director Availability On-premises Guides

Guide #3

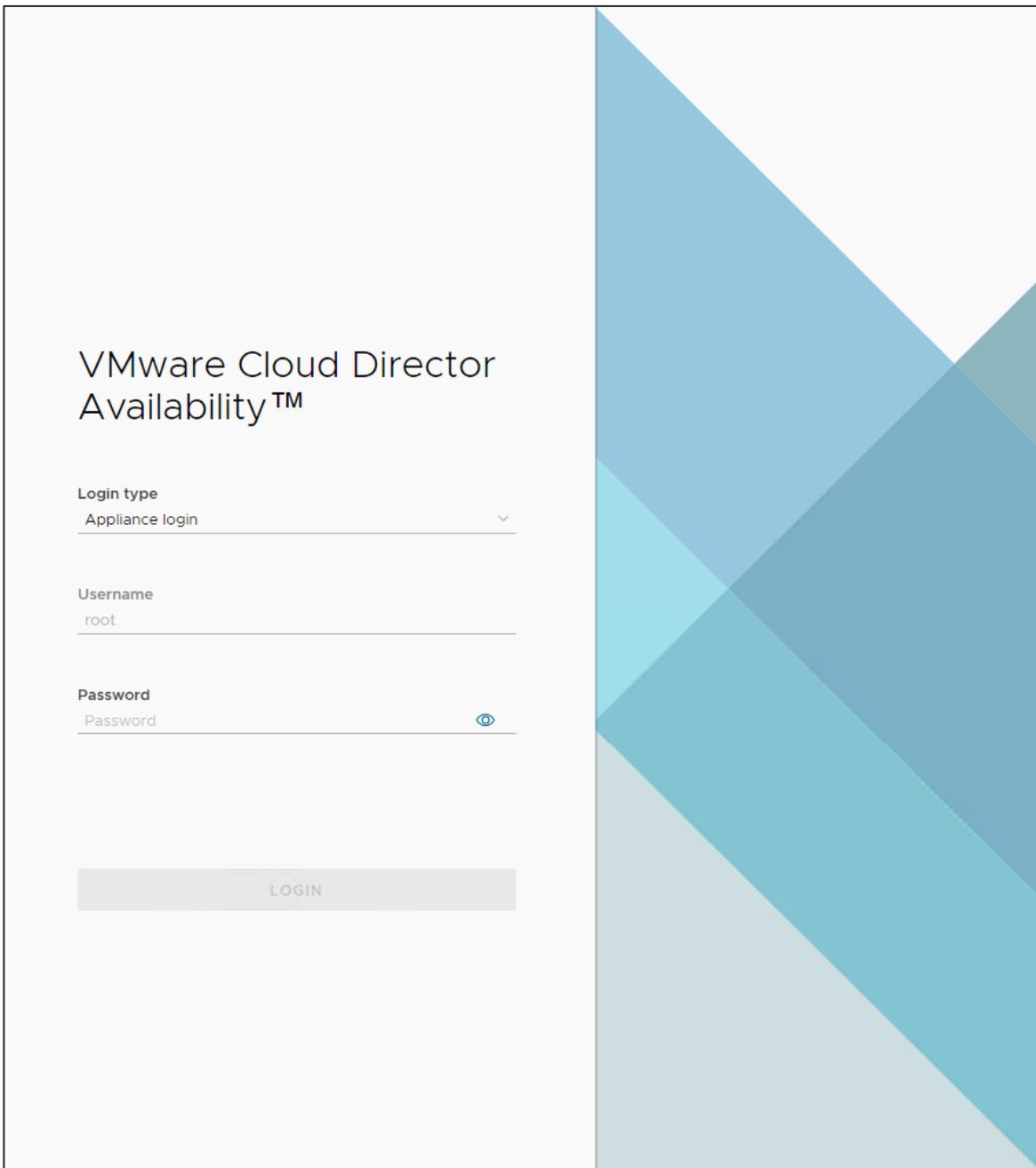
Initial configuration

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)

## Initial configuration

1. After the replicator is deployed, go to [https://appliance\\_ip\\_or\\_url/admin](https://appliance_ip_or_url/admin) and enter the password set during the OVA deployment.



2. Change the initial password, following the requirements as shown in the **New Password** tooltip.

**Note:** The initial password can also be changed in the console. On the first console login, it is required to change the initial password. If the password is changed in the console, it is not required to also change it in the UI.

VMware Cloud Director Availability Appliance Password

**⚠** The appliance **root** password has expired. You must change it before you can start using the service.

Enter the current and the new passwords for the VMware Cloud Director Availability Appliance.

Current Password \*  👁️ ⚠️  
Mandatory field.

New Password ℹ️ \*  👁️

Confirm Password  👁️  
Password must be at least 8 symbols and contains lowercase, uppercase, number and special character

VMware Cloud Director Availability  
Replicator Service

- Getting Started
- Settings
- About

VMware Cloud Director Availability™

Run the initial wizard to complete the configuration. You must set the vCenter Server Lookup Service endpoint in order to use SSO authentication.

- Run the [initial setup wizard](#)

### Steps to restore from a backup archive

1. [Import the backup archive in each on-premises appliance instance \(this appliance\)](#)

If needed, you can first configure the network.

- Configure network

For help, see the [VMware Cloud Director Availability documentation](#).

3. In the left pane, click **Settings** and under **Appliance settings**, configure or verify the already configured network details.

**VMware Cloud Director Availability**  
Replicator Service

Getting Started  
Settings  
About

Appliance settings

Network photon-machine Edit

IPv4 Default Gateway 192.168.2.253

IPv6 Default Gateway

DNS Servers 192.168.1.1

Domain Search Path

ens160 DHCP\_V4 Static routes | Edit

IP Address 192.168.2.11/24

MTU 1500 (bytes)

MAC Address 00:50:56:9f:60:12

State ✔ routable (configured)

NTP server addresses 10.23.1.1 Edit

Security settings

Allow SSH access SSH access is allowed. Edit

4. VMware Cloud Director Availability has a built-in NTP connectivity check. After the appliance is configured, in the **System health** section, under **Service status** verify the **NTP connectivity** status.

System health	
Service status	
Address	https://192.168.2.11
Instance ID	452173aa-f124-45ae-93d9-d5c94e676e53
Server time	11/23/2021, 1:54:42 PM
Lookup Service connectivity	<span style="color: green;">✔</span> https://192.168.1.10
vSphere plugin status	<span style="color: green;">✔</span> OK ⓘ
vSphere version	7.0
Database connectivity	<span style="color: green;">✔</span> OK
LWD connectivity	<span style="color: green;">✔</span> OK
VRS connectivity	<span style="color: green;">✔</span> OK
H4DM connectivity	<span style="color: green;">✔</span> OK
NTP connectivity	<span style="color: green;">✔</span> OK
Free disk space	<span style="color: green;">✔</span> 86%

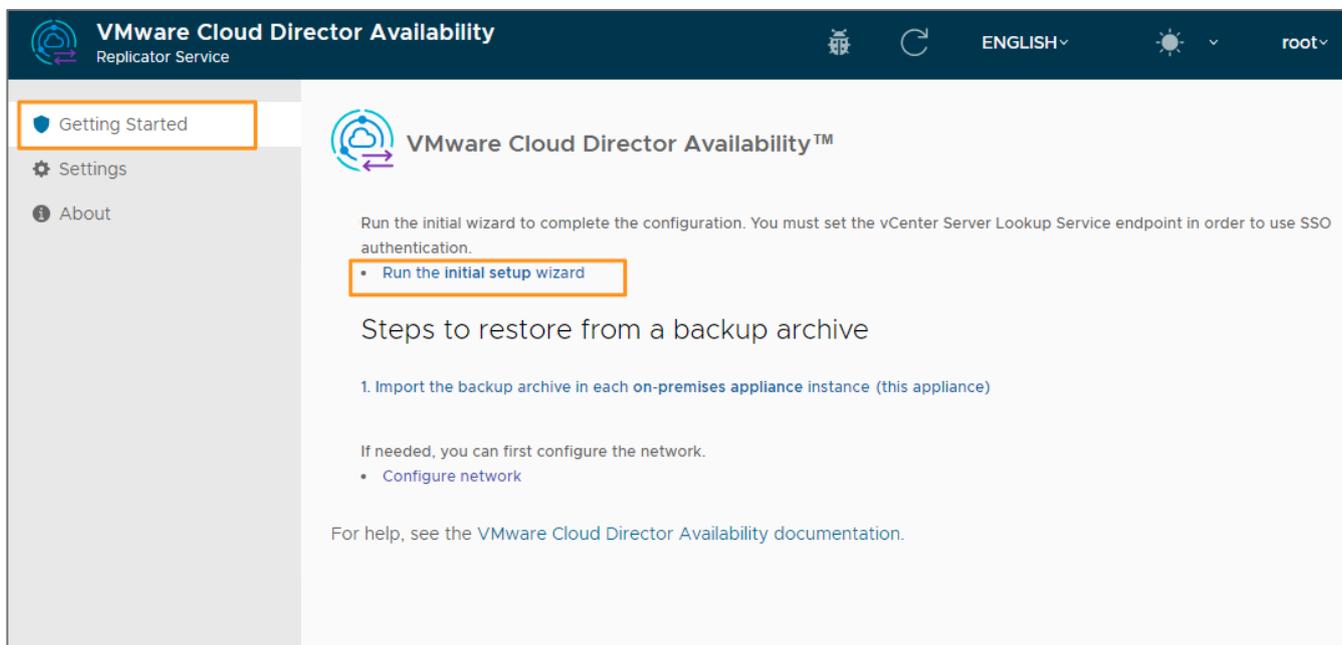
**Note:** The NTP server is critical for VMware Cloud Director Availability! For reliable operations, the replicator must be in time sync with the Platform Service Controller (Lookup Service).

Alternatively, to verify the NTP connectivity before completing the initial configuration, open the replicator console and run the following command:

```
systemctl show systemd-timesyncd.service | grep StatusText
```

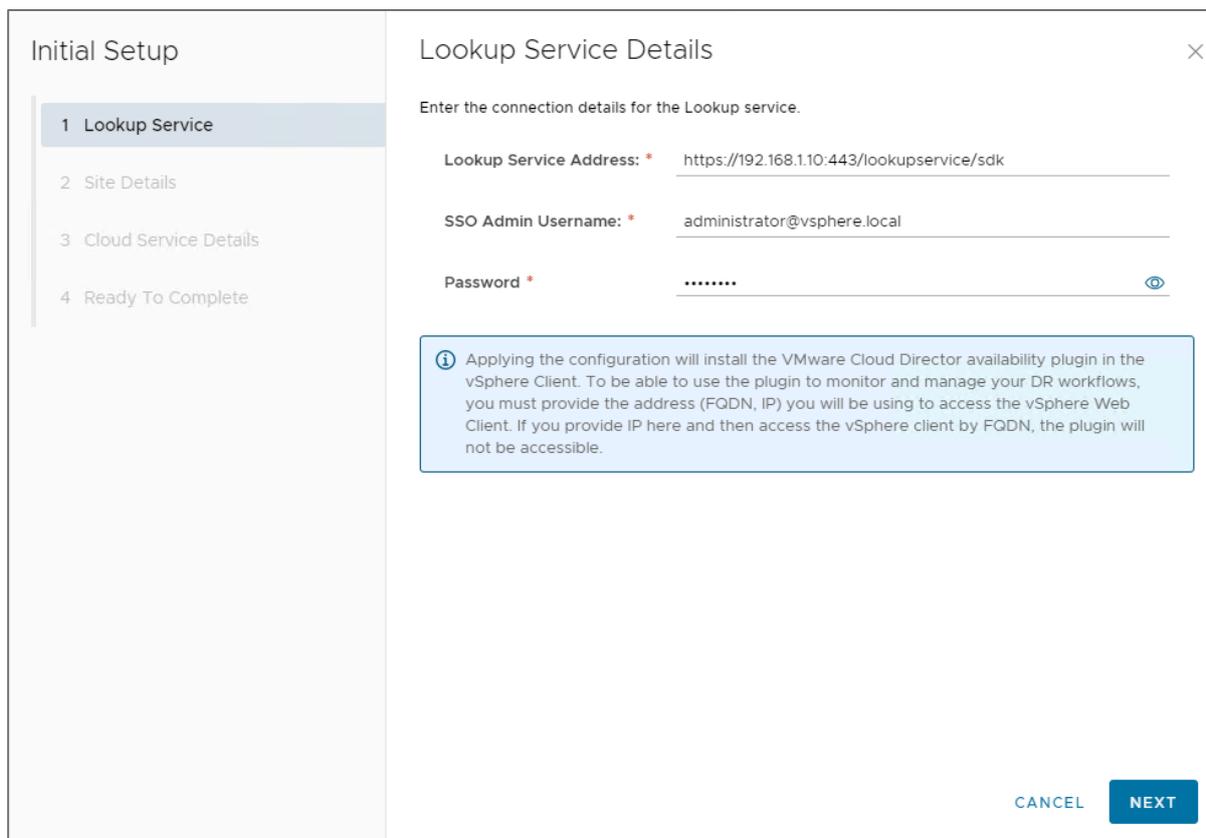
```
root@onprem01 [ ~ ]# systemctl show systemd-timesyncd.service | grep StatusText  
StatusText=Synchronized to time server 10.23.1.1:123 (10.23.1.1).
```

5. In the **Getting started** page, to set up the replicator click the **Run initial setup wizard** link.

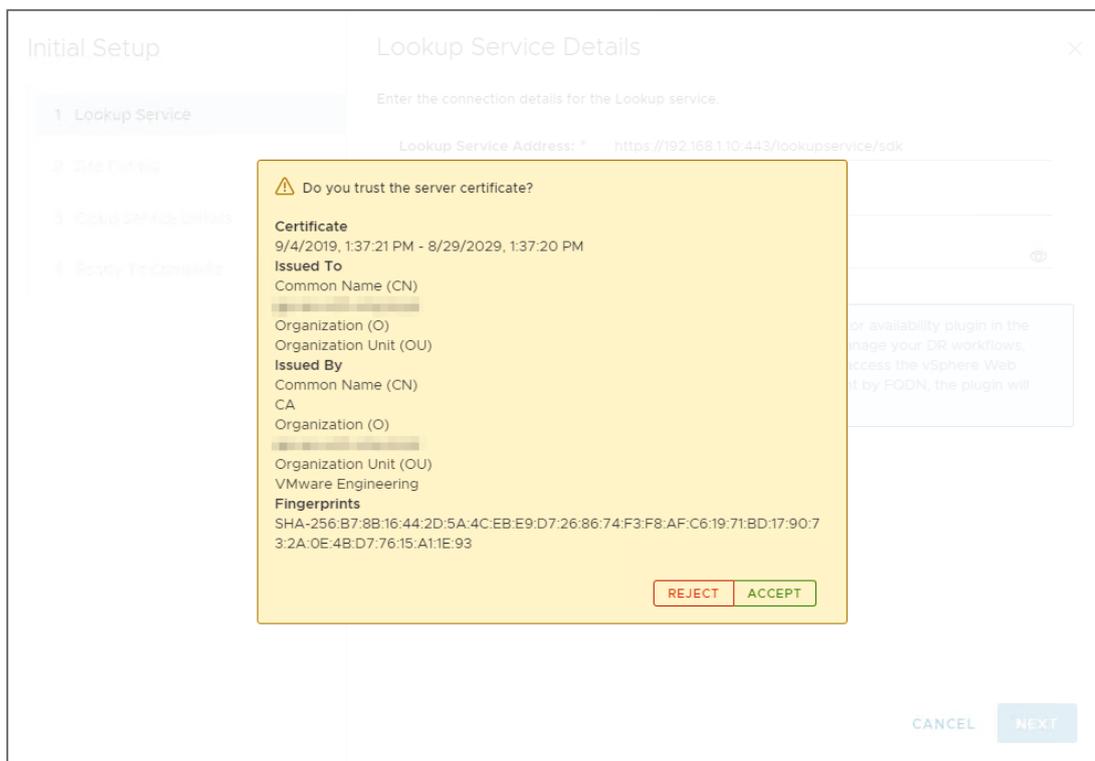


The Initial Setup wizard opens.

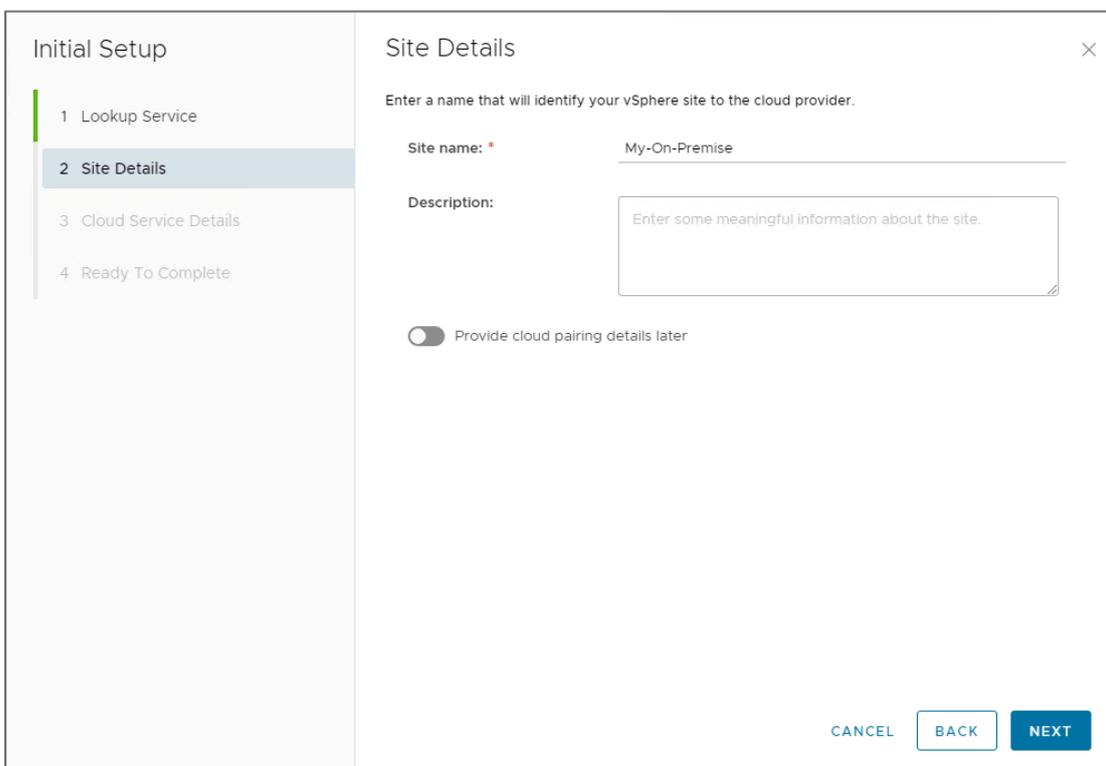
6. In the **Lookup Service** page, enter the Lookup Service address and enter the SSO credentials.



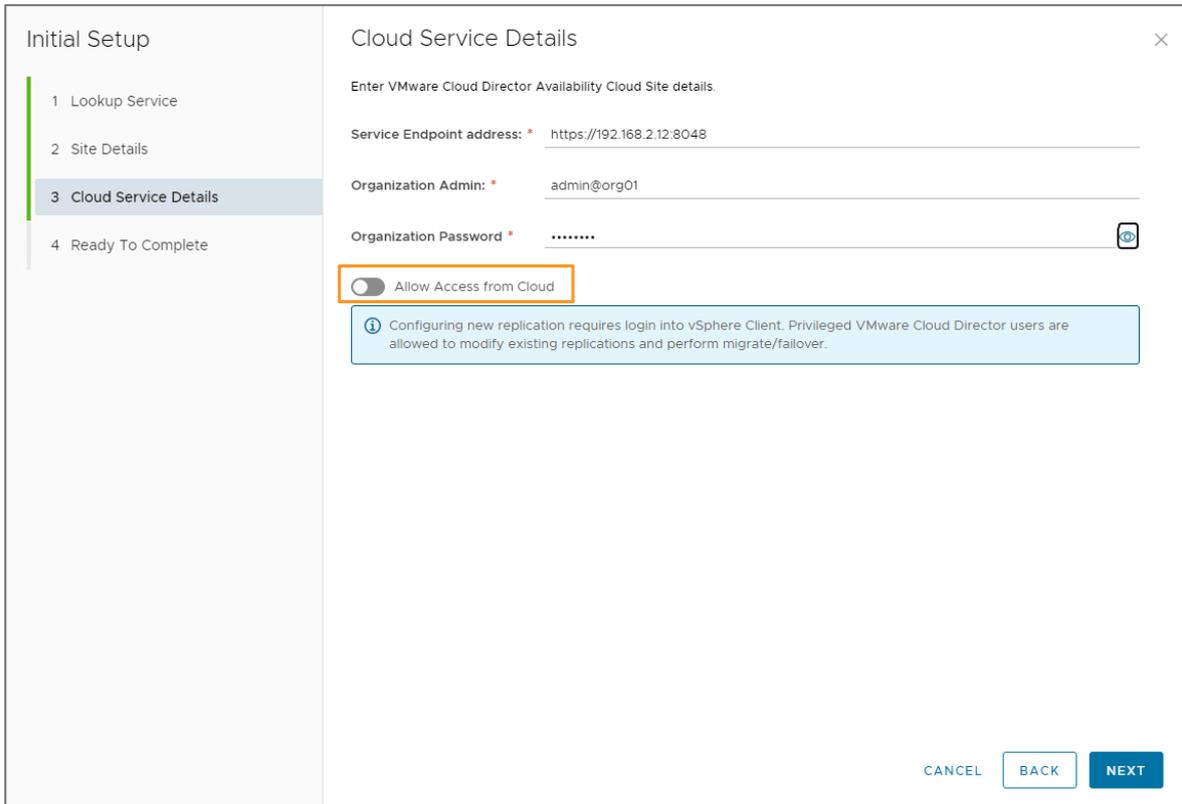
7. Verify the thumbprint and accept the Lookup Service certificate.



8. In the **Site Details** page, enter the site name and click **Next**. Optionally, to skip the next step and provide the cloud service details later, select **Provide cloud pairing details later**.

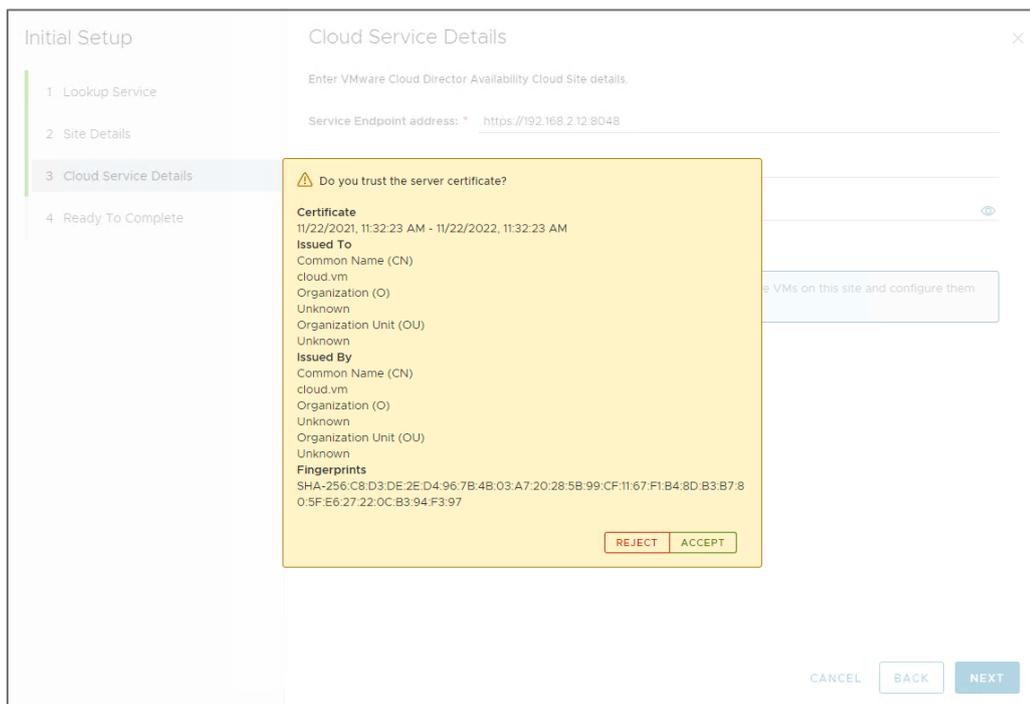


- In the **Site Details** page, enter the site name and click **Next**. Optionally, to skip the next step and provide the cloud service details later, select **Provide cloud pairing details later**.

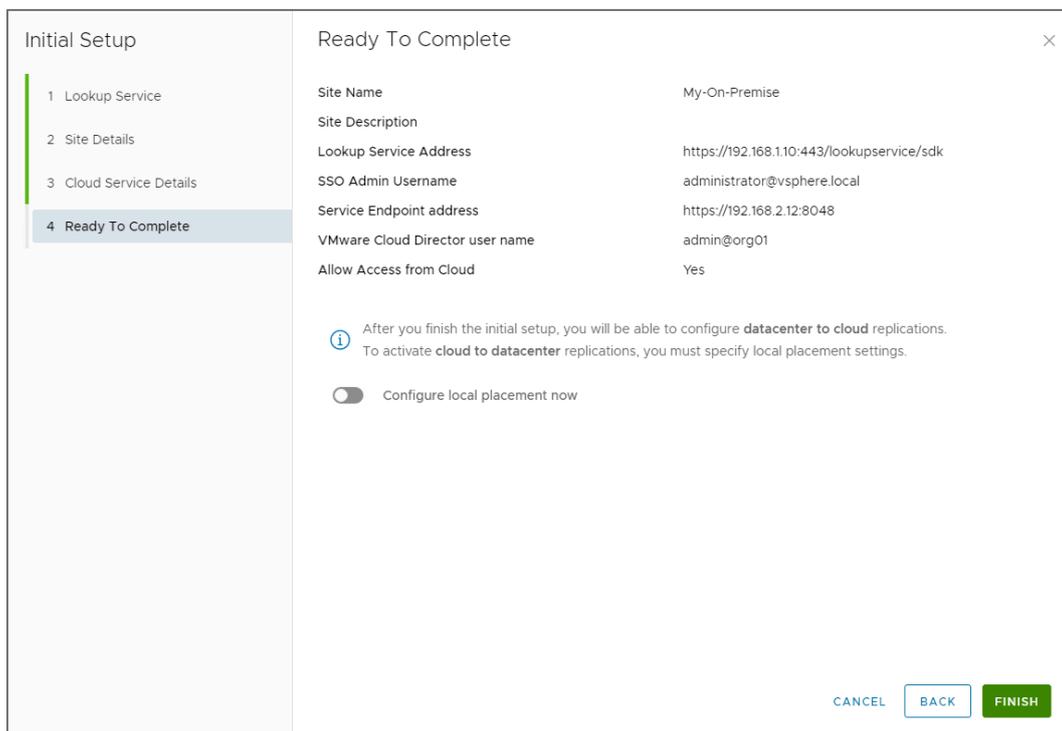


**Note:** By leaving **Allow Access from Cloud** deselected, the replications can be created and managed only by using the on-premises vSphere plug-in. This option can be changed later by editing the pairing configuration.

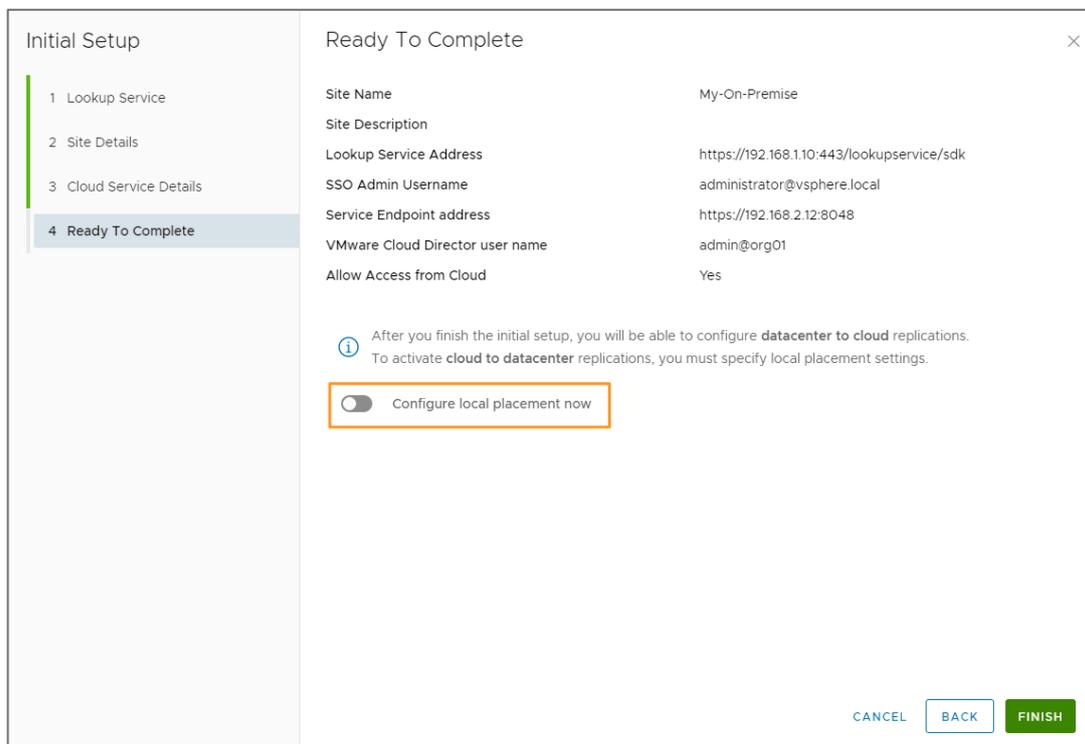
- In the **Cloud Service Details** page, click **Next**, verify the thumbprint and accept the cloud certificate.



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



Optionally, to provide placement details now, select **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.

