
Deploying Citrix Cloud XenApp and XenDesktop Service with Oracle Cloud Infrastructure Classic

Deploying Citrix Cloud Services on Oracle Cloud Infrastructure (OCI) Classic provides greater agility in provisioning applications and desktops. Using OCI Classic can supplement resources of on-premises datacenters, allowing IT to satisfy sudden demand and support rapid geo expansion. This document guides you through the process of configuring Citrix XenApp and XenDesktop Cloud Services with Oracle Cloud Infrastructure Classic.

Introduction

Whether your organization is just beginning to adopt the cloud or has already achieved a cloud-first approach, Citrix Cloud Services meets you where you are in your cloud journey. Citrix Cloud Services are available to help extend existing on-premises Citrix software deployments, to help create hybrid workspace services, and to provide simple approaches to consuming cloud-native technology. By deploying Citrix software as a service, Citrix Cloud Services simplify management of Citrix technologies. Unify virtual apps, desktops, data, device management, and networking on any cloud or infrastructure. This integrated approach is the simplest way to securely create and deliver digital workspaces.

This deployment guide also describes OCI concepts and components, and basic OCI implementation with Citrix Cloud Services. The architecture presented here delivers Citrix application and hosted shared desktop services to users via Citrix Cloud Services. It enables a hybrid approach in which organizations can simplify the running of Citrix management services from on-premise to Citrix Cloud Services and use OCI to deliver cloud-based XenApp services. In the current release of this solution with OCI, there are some limitations within Citrix Cloud Services that need to be considered when reviewing the overall solution.

To understand design decisions, this paper describes underlying OCI and Citrix Cloud Services components that are required for a deployment and explains the process for deploying Citrix Cloud Services with OCI Classic.

The first part of this guide describes the solution architecture. The second part is a “runbook” that gives specific procedures to install and configure a Proof of concept XenApp deployment on OCI Classic from Citrix Cloud Services.

Table of Contents	
Introduction	1
Planning a Citrix XenApp Deployment: Design Choices.....	3
Runbook: Configuring XenApp and NetScaler Gateway Service in OCI	3
Step 1: Plan Your Deployment	3
Sizing for Infrastructure Server Components	3
Sizing for Workload Servers	4
Step 2: Configure OCI Topology.....	4
Create an OCI Virtual Network.....	4
Create a bastion machine	6
Create and configure Active Directory.....	9
Create Infrastructure Citrix Cloud VMs.....	10
Step 3. Prepare the XenApp Golden Image VM.....	14
Step 4: Create a Machine Catalog	17
Step 5: Create a Delivery Group	21
Step 6: Securely accessing OCI using NetScaler Gateway Service	23

Note: All references to OCI in the remainder of this document refer to Oracle Cloud Infrastructure (OCI) Classic

Planning a Citrix XenApp Deployment: Design Choices

Runbook: Configuring XenApp and NetScaler Gateway Service in OCI Classic

The remainder of this document will focus on the step-by-step process of setting up and deploying the system. There are 7 major steps in the overall process:

1. Create a [Citrix Cloud account](#) via the onboarding service and subscribe to the Citrix Cloud XenApp and XenDesktop Service
2. Create a Oracle account and subscribe to Oracle Cloud Infrastructure
3. Configure OCI Windows infrastructure VMs (Active Directory, Cloud Connectors) , page 4.
4. Prepare the XenApp workload Golden Image, page 14.
5. Create a Machine Catalog using Citrix Studio, page 17.
6. Create a Delivery Group using Citrix Studio, page 22.
7. Configure NetScaler Gateway Service (NGS), page 24.

Step 1: Plan Your Deployment

The first step in an OCI implementation is to create a sizing plan based on specific requirements.

There are different server functions that must be considered in the sizing of OCI resources: Infrastructure servers, XenApp workload servers. In planning, it's necessary to consider the appropriate sizing of each.

Sizing for Infrastructure Server Components

For most deployments, a single OCI Project Plan can host the infrastructure server components i.e. the Cloud Connectors, Active Directory, Bastion, File Services. To enhance availability, it is recommended that you deploy pairs of infrastructure instances in different zones with a region. As Table 3 shows, this results in a total of 7 infrastructure VMs.

Table 1: Infrastructure VMs Required.

Infrastructure Server	# VMs required
Citrix Cloud Connectors	2
Active Directory /DHCP/DNS	2
File Services	2
Bastion (Remote Host Management)	1
Total	7

Sizing for Workload Servers

In planning an OCI deployment, it's necessary to evaluate requirements; classify user types, such as XenApp hosted shared desktop (HSD) users and virtual desktop (VDI) users; and gauge application workload requirements for each user type. It's recommended that you perform some initial proof-of-concept (POC) workload testing to collect performance data to be used in deployment sizing. Complete the table below for each category of user.

You may need to expand or condense columns in the table depending on how many types of users you anticipate. Include the expected number of XenApp hosted shared desktop (HSD) users. Your deployment may feature more than one category of HSD workload (perhaps simulated with the Login VSI workloads). To accurately size the deployment, complete Table 4 using results from your proof-of-concept testing with representative application workloads.

Table 2: Workload Characteristics.

Resource	User Type #1	User Type #2	User Type #3
Workload description (e.g., Task Worker, Office Worker, Knowledge Worker)			
Workload classification (VDI or HSD)			
Expected number of users			
Expected IOPS per user			
Expected outgoing n/w bandwidth per user			
Expected CPU utilization (in cores) per user			
Expected memory requirement per user			
instance series used			
Storage consumption			
Expected storage type			

Sizing for XenApp HSD Servers

Step 2: Configure OCI Topology

In this step, the administrator creates the required OCI IaaS topology, including virtual network and VMs that will be used with XenApp infrastructure software components.

It's assumed that the administrator has first created the Oracle account, and has some general experience with creating VMs in OCI. To configure the IaaS topology in OCI for a XenApp deployment, you must first establish these four prerequisites:

- Configure Active Directory (AD)
- Creating VMs for infrastructure servers for Cloud Connectors

Create an OCI Virtual Network

First the administrator should create a virtual network. Each virtual network contains subnets, each with a defined IP range, and each capable of holding multiple instances and other resources.

Instructions

Sign in to the Compute Classic console and Click the Network tab.

Click the **IP Network** tab in the left pane and then click **IP Networks**.

Click **Create IP Network**

Visual

ORACLE[®] CLOUD My Services

Dashboard Users Notifications Monitoring

Compute Classic Instances **Network** Storage Orchestrations Images Visualization

IP Network ▾

- IP Networks
- IP Exchanges
- Virtual NIC Sets
- Routes
- Security Rules

Summary

20 IP networks

IP Networks

An IP network allows you to define an IP subnet in your account. The size of the IP subnet and the IP addresses in the subnet are determined by the IP address prefix that you specify while creating the IP network. [Learn more.](#)

Create IP Network

Name	IP Address...	IP Exchange	Description
------	---------------	-------------	-------------

Enter the required information:

Name: Enter a name for the IP network.

IP Address Prefix: Enter the IP address prefix for this IP network, in CIDR format. When you create instances, you can associate a vNIC on the instance with an IP network. That vNIC on the instance is then allocated an IP address from the specified IP network.

Click **Create**.

Create IP Network

Enter the required details to create your IP network. Specify a name for your IP network and enter the IP address prefix for this network in CIDR format. [Learn more.](#)

* Name: ctx-Vnet

* IP Address Prefix: 10.0.0.0/24

IP Exchange: Not Set

Description:

Tags:

Create Cancel

Create a bastion machine

In order to connect to OCI instance a remote management or bastion instance is needed. This instance will require a public IP address that we will use for RDP access. This machine can be shut down or have the public IP address removed at a later time to secure the environment.

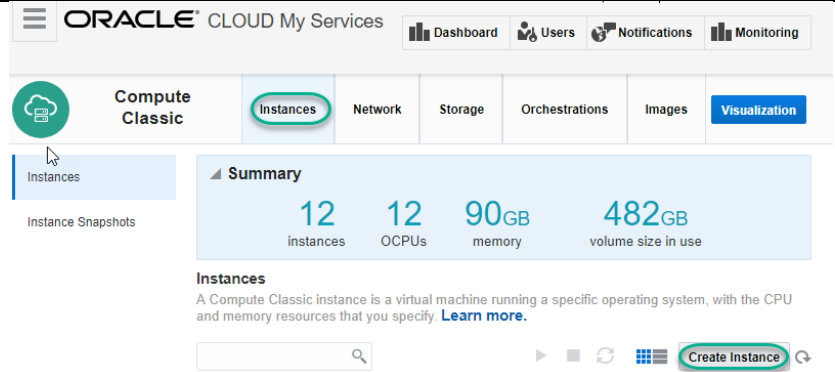
Sign in to the Oracle Cloud My Services application at https://cloud.oracle.com/sign_in. The My Services Dashboard page is displayed.

Click the Quick Navigation icon menu at the upper left corner of the page and select **Compute**.

The Compute Classic console is displayed.

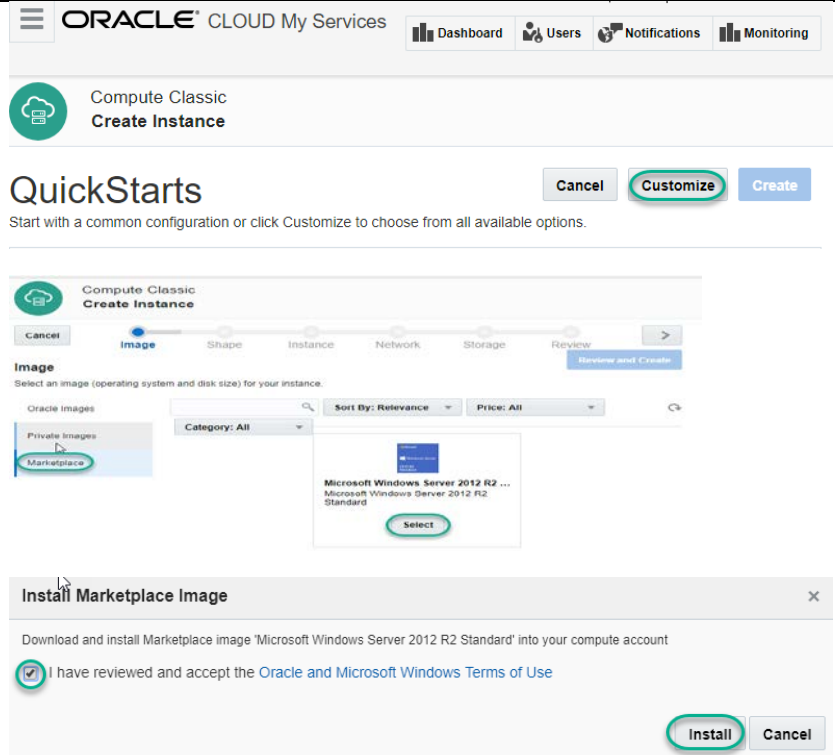
On the Instances page, click **Create Instance**.

The Create Instance wizard starts.

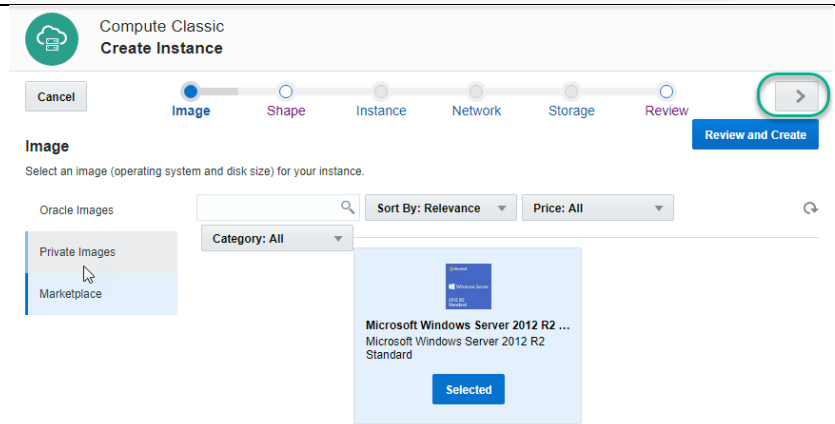


Click **Customize**.

On Compute Classic console select **Marketplace** image and select **Microsoft Windows Server 2012 R2** and accept the terms of use and click **Install**.



Click > button



On the **Shape** page, select an appropriate shape for your instance. The shape determines the number of CPUs and RAM that your instance will have. For the purpose of this PoC, select oc3 (OCPUs: 1, Memory: 7.5 GB). Click the button to go to the next page.

On the **Instance** page, enter the following, and then click the button to go to the next page.

High Availability Policy: Active.

Name: Enter an appropriate name

Label: Enter a label to help identify the instance, or retain the default

RDP: Enabled

Administrator Password: enter password

Click the button to go to the next page.

Category	Name	OCPUs	Memory	GPUs
General Purpose	oc3	1	7.5 GB	
General Purpose	oc4	2	15 GB	

```

{
  "enable_rdp": true,
  "administrator_password": "xxxxxxx"
}

```

On **Create Instance** page leave all defaults and click on **Configure interface**.

vNIC	IP Network	Static IP	MAC Address	vNICsets	DNS	Name Serve	Search Dom	Gateway
--	--	--	--	--	--	--	--	--

On Configure IP Network Interface page select the IP Network that created in the previous section and leave rest as defaults and click **Save**.

Configure IP Network Interface

Create IP networks or add an interface to an existing IP network. You can configure the network properties for each interface, add each interface to the required vNICsets, or associate a static IP address or a public IP address with each interface. You can also specify an interface to be used as a default gateway. [Learn more](#).

Interface: eth0

vNIC Name: eth0

* IP Network: ctxVnet (10.0.0.0/24) **Create IP Network**

Static IP Address: Range: 10.0.0.2 to 10.0.0.254.

Public IP Address: Select an IP Reservation

Cloud IP Address: Select an IP Reservation

MAC Address:

Virtual NIC Sets: default x

DNS:

Name Servers:

Search Domains:

Default Gateway:

Save Cancel

Click on **Review and Create**.

Storage

You can attach existing storage volumes, or create and attach a storage volume to the instance. A persistent boot volume is created and used to boot your instance by default. You can specify a different boot disk, or remove the persistent boot disk and boot from a nonpersistent boot disk instead. You can also attach additional storage volumes to an instance after the instance is created.

Attach Existing Volume Add New Volume

Name	Disk #	Size	Type	Delete On Termination	Boot Drive
ctx-mgmt_storage	1	27 GB	storage/default	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Review and Create

Click on **Create**.

Review

Review your settings for the new instance.

i You are permitted to use resources above your subscription rate at additional cost. [Details](#)

Image: Microsoft Windows Server 2012 R2 Standard

Shape: oc3 (OCPU: 1; Memory: 7.5 GB)

High Availability Policy: Active

Name: ctx-mgmt

Label: Microsoft_Windows_Server_2012_R2_20170927105814

Description:

Create

Create and configure Active Directory

Citrix Cloud requires Microsoft Active Directory (AD) for authentication for users and for integration with the Citrix Cloud Connector and XenApp instances. Before a XenApp VM or Citrix Cloud Connector can be accessed in a OCI subscription for XenApp, it must successfully authenticate against the OCI AD domain controller. Repeat the same steps above and create VM for Active Directory.

In addition:

- Each VM should be joined to the Active Directory Domain instance in OCI with outbound port 443 open to allow access to the Internet.

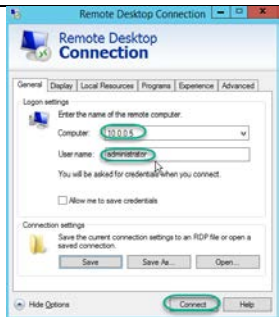
Create Infrastructure Citrix Cloud VMs

Next, create VMs that will be installed with the required Citrix Cloud components. The Citrix Cloud Connector serves as a channel for communication between Citrix Cloud and your Resource Locations enabling cloud management without requiring any complex networking or infrastructure configuration such as VPNs or IPSec tunnels. The Cloud Connector authenticates and encrypts all communication between Citrix Cloud and your Resource Locations such as OCI Classic. There are no incoming connections. All connections are established from the Cloud Connector to the cloud. No communications between the Cloud Connector and Citrix Cloud are inbound. The connections all use the standard HTTPS port (443) and the TCP protocol. After you have installed the Cloud Connector, there is no need for any special configuration on the server. This removes all the hassle of managing delivery infrastructure. Citrix Cloud requires you install the Citrix Cloud Connector on two machines inside OCI Classic. This ensures continuous availability of your resource location. It enables you to manage and focus on the resources that provide the value to your end users. The Citrix Cloud Connector is stateless. All logs and alerts are sent back to Citrix Cloud. More additional info about how to create Citrix Cloud Connectors by [following this document](#):

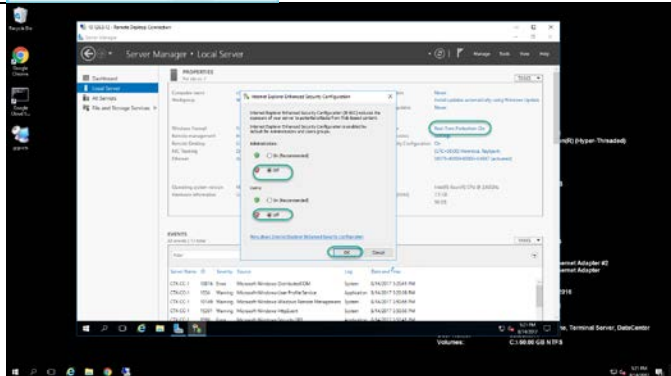
Table 3: VM Creation Settings

VM Name	Description	Project Name	Instance	Region
CTX-CC-1	Citrix Cloud Connector			
CTX-CC-2	Citrix Cloud Connector			
CTX-VDA	Citrix XenApp Golden Image			

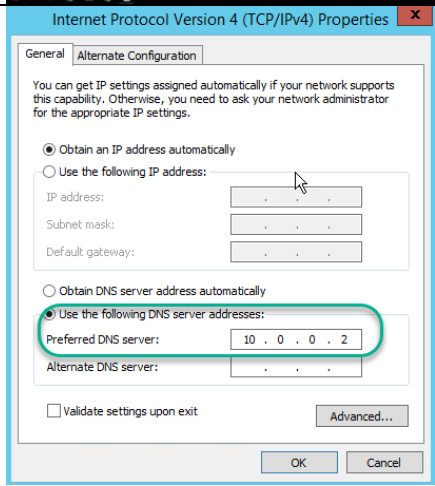
1. RDP into the private IP of the connectors created from a machine inside the OCI Virtual network.



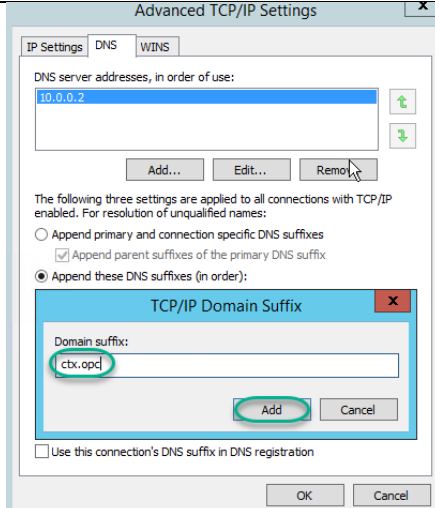
2. Disable the IE Sec feature if enabled on the connector. Click OK

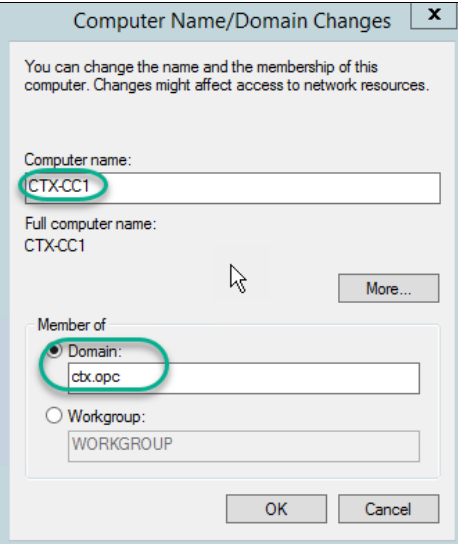
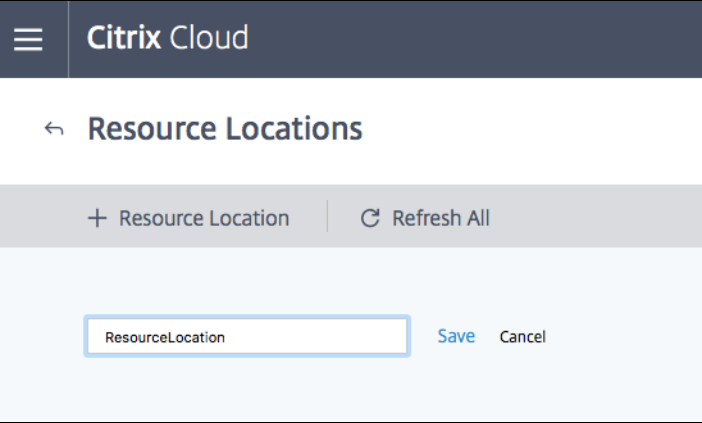
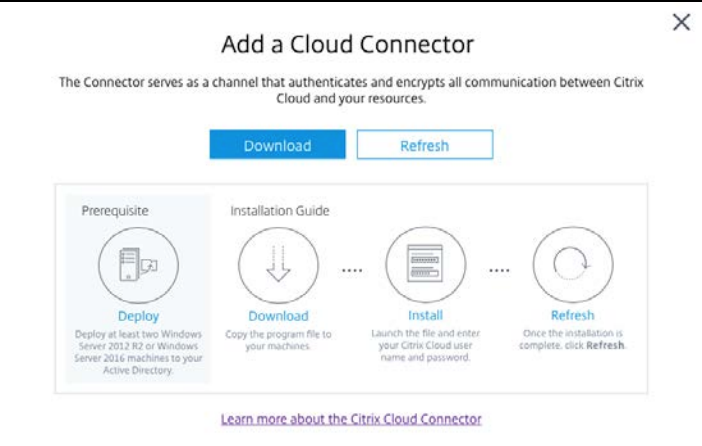


3. Changed the preferred DNS server to be the Active Directory DNS Server.

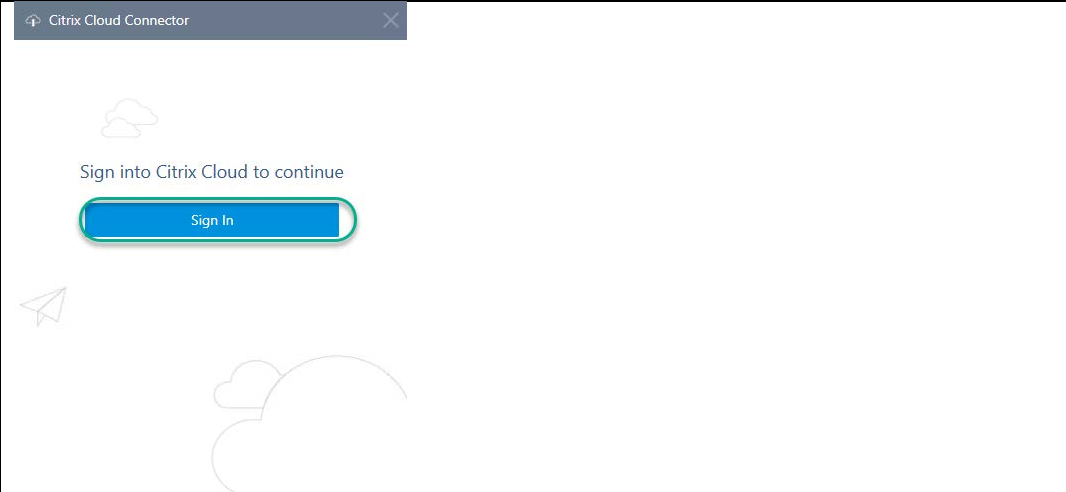


4. Change the DNS suffix to be the AD domain DNS address. From the IP Properties window click -> Advanced-> Click DNS-> click Append these DNS suffixes (in order). Enter the domain for AD then click Add. Click Ok. Click Ok again. Click Close. Click Close again.

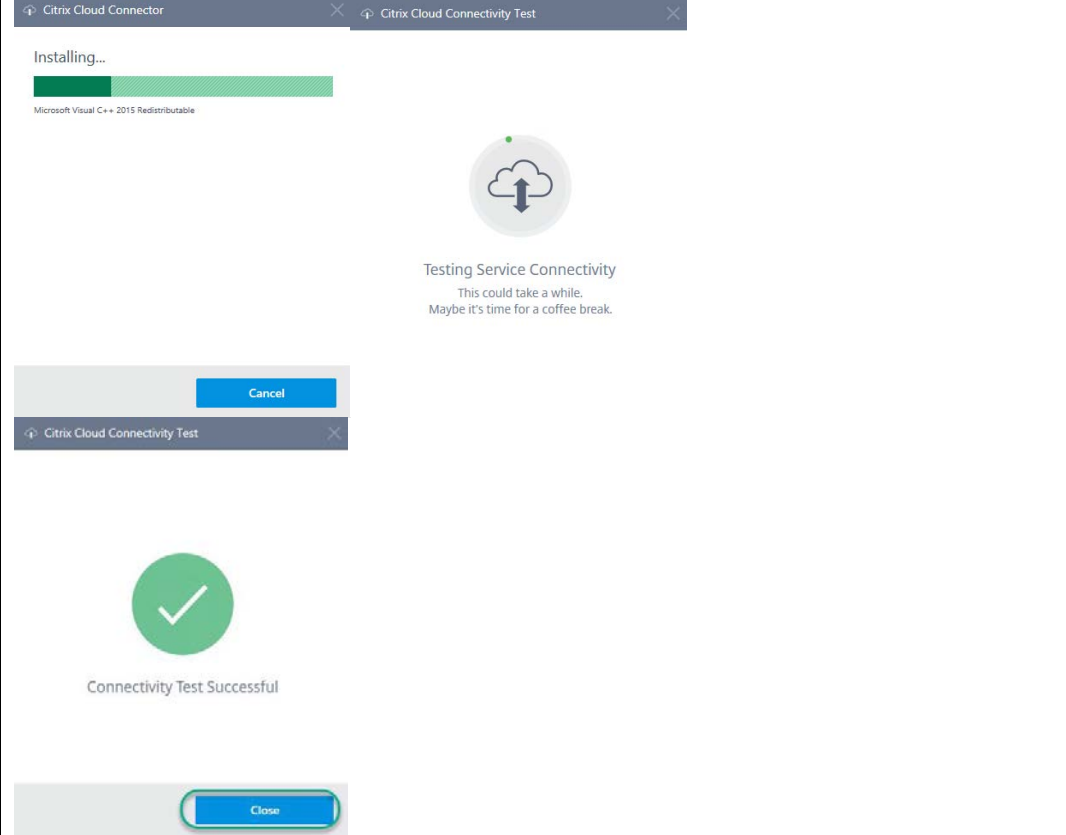


<p>5. Join the machines to the AD domain</p>	 <p>Computer Name/Domain Changes</p> <p>You can change the name and the membership of this computer. Changes might affect access to network resources.</p> <p>Computer name: CTX-CC1</p> <p>Full computer name: CTX-CC1</p> <p>Member of</p> <p><input checked="" type="radio"/> Domain: ctx.opc</p> <p><input type="radio"/> Workgroup: WORKGROUP</p> <p>OK Cancel</p>
<p>6. After joining the domain RDP back into the cloud connector machine and install the Cloud Connector agent</p>	
<p>7. Login to Citrix Cloud console: https://citrix.cloud.com</p> <p>Navigate to 'Resource Locations'</p> <p>Click '+ Resource Location', name it and click Save</p>	 <p>Citrix Cloud</p> <p>Resource Locations</p> <p>+ Resource Location Refresh All</p> <p>ResourceLocation Save Cancel</p>
<p>8. Under the newly created resource location, click '+ Cloud Connectors'</p> <p>Click on 'Download'</p>	 <p>Add a Cloud Connector</p> <p>The Connector serves as a channel that authenticates and encrypts all communication between Citrix Cloud and your resources.</p> <p>Download Refresh</p> <p>Prerequisite Deploy Deploy at least two Windows Server 2012 R2 or Windows Server 2016 machines to your Active Directory.</p> <p>Installation Guide Download Copy the program file to your machines.</p> <p>Install Launch the file and enter your Citrix Cloud user name and password.</p> <p>Refresh Once the installation is complete, click Refresh.</p> <p>Learn more about the Citrix Cloud Connector</p>

9. Install the Connector. Login with the Citrix Cloud Subscription credentials and complete the installation



10. The installation will begin and takes approximately 5 minutes. Once the installation has finished, the service connectivity tests are performed the result should show test successful. Click close to continue.



Repeat the steps 8 to 21 to finalize the second cloud connector



Once complete two cloud connectors should appear inside the Citrix Cloud Resource Locations


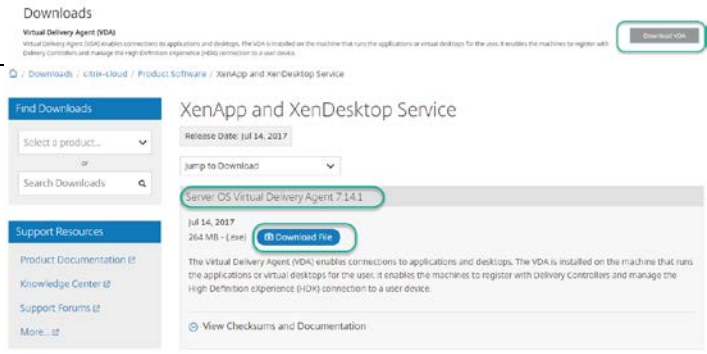
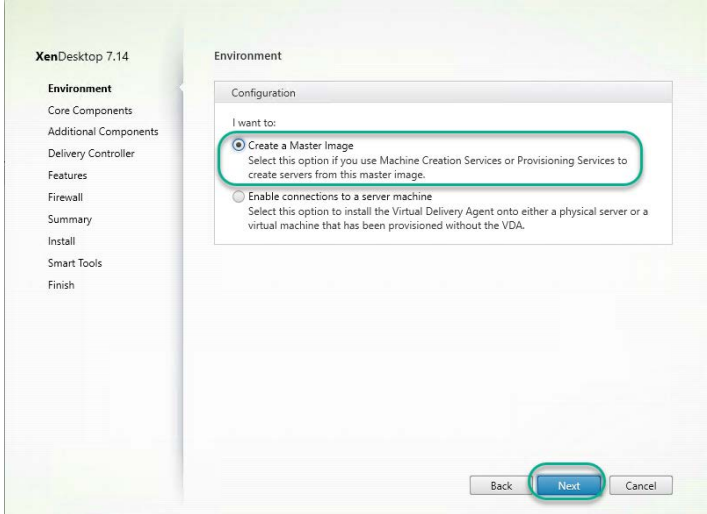
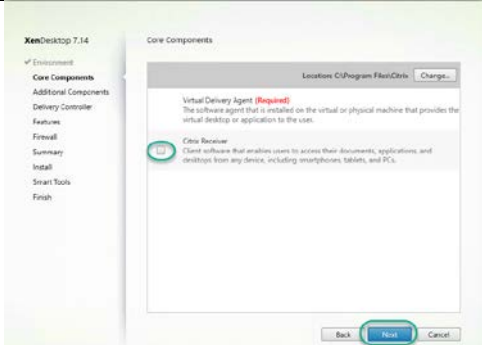


Step 3. Prepare the XenApp Golden Image VM

Virtual Delivery Agent (VDA) Installation

A Virtual Delivery Agent (VDA) is installed on each VM instance created on OCI that you want to make available to users. It enables the machine to register with the Citrix Cloud Connector, which in turn allows the machine and the resources it is hosting to be made available to users. In this release of Citrix Cloud with OCI there is no MCS provisioning integrated. Manual or out-of-band provisioning is required.

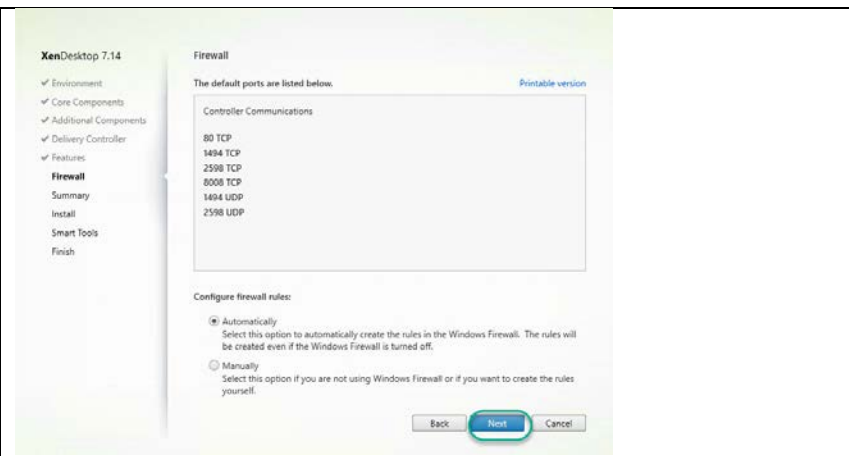
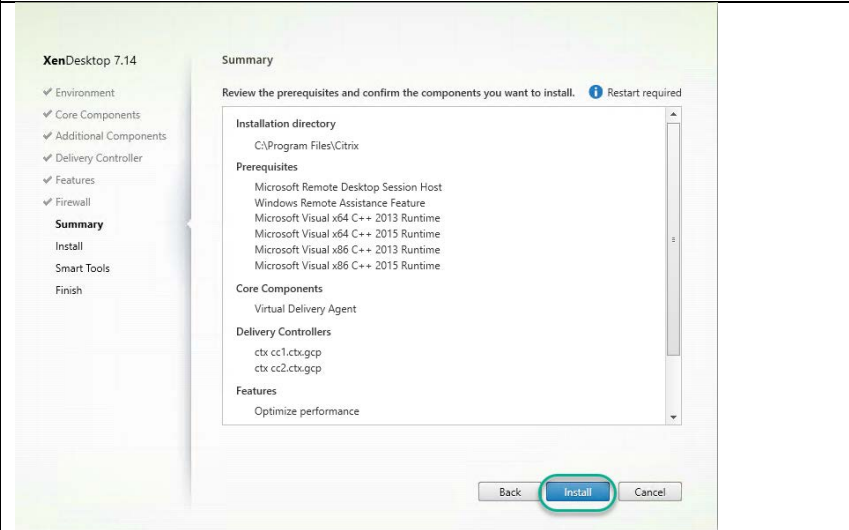
<http://docs.citrix.com/en-us/citrix-cloud/xenapp-and-xendesktop-service/configure-vdas.html>

Instructions	Visual
Action	
From the Citrix Cloud page click on XenApp and XenDesktop Service. Then click Downloads	
Download the VDA to the XenApp instance in OCI	
A new web page will appear redirecting you to download the VDA. Choose Server OS VDA	
Save the installer to the XenApp instance in OCI	
Right click the installer and chose Run as Administrator. Select create a master image and click next.	
Right-click the package and select Run as administrator.	
Uncheck the Citrix Receiver agent and then click Next	

Uncheck the components for App-V VDA and App Disk then click Next

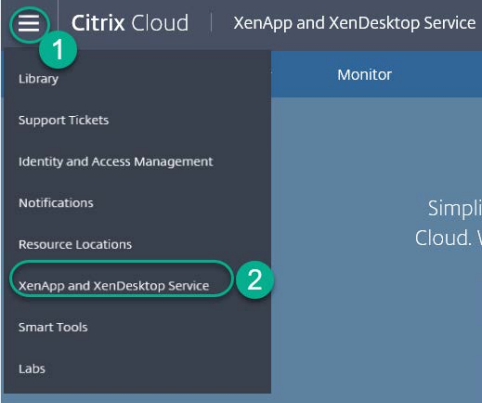
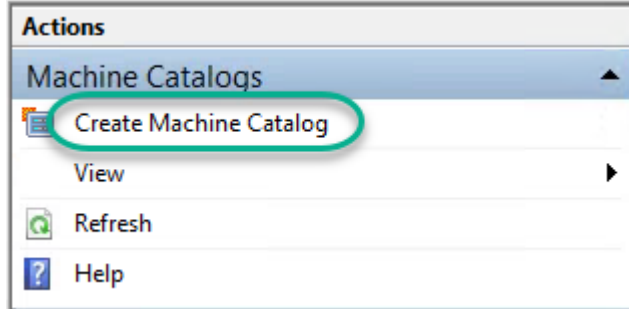
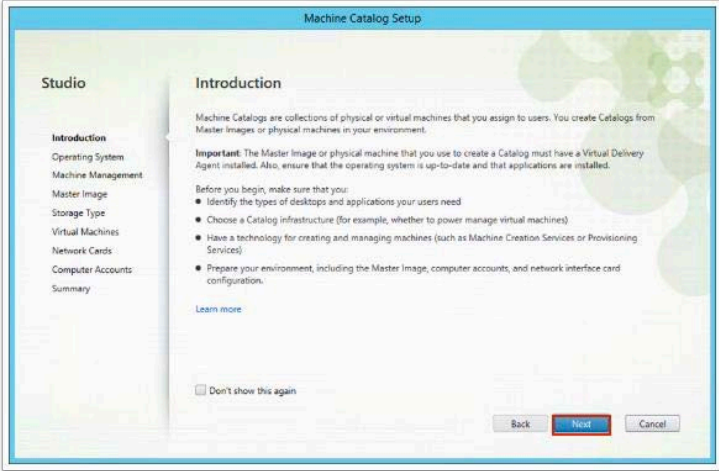
Select Do it manually. Enter in the FQDN of two cloud connections. Click Next

Select Optimize performance and click Next.

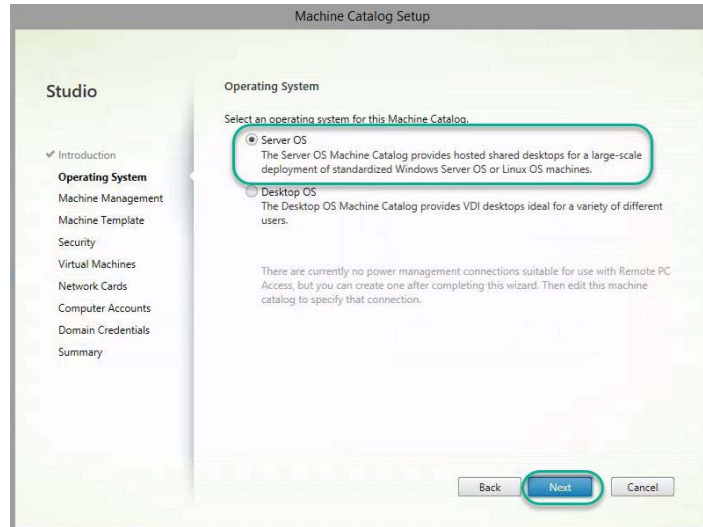
<p>Select Automatically and click Next to configure firewall rules automatically.</p>	
<p>Click Install to start installation and it will take approximately 5 minutes.</p>	
<p>Select I do not want to participate in Call Home and click Next.</p>	
<p>Click Finish. The VM will restart since the Restart machine box is checked by default.</p>	

Step 4: Create a Machine Catalog

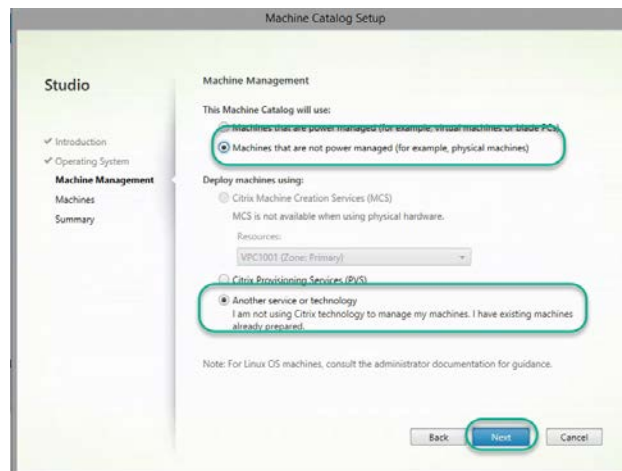
The next step constructs a machine catalog that will contain machines generated from a master image. The virtual hard disk (VHD) for the OCI VM containing the XenApp golden image is used as the master software image. In this early release of Citrix Cloud with Oracle Public Cloud, Citrix Machine Creation Services (MCS), power management, and Oracle Cloud as a hosting connection are not available, however manual connections can still be made. In order to make connections to an instance in OCI, an out-of-band connection is available that allows for machine to be connected to in OCI using Citrix Cloud and NetScaler Gateway Service for secure access to the XenApp sessions. The process below shows how to create and out-of-band machine catalog to an instance in OCI.

<p>XenApp and XenDesktop Service on Citrix Cloud</p> <p>Login to Citrix Cloud console: https://citrix.cloud.com</p> <p>Select the appropriate 'Customer' you have subscribed to</p>	
<p>Click on the hamburger menu. Click on XenApp and XenDesktop Service then click on Manage Service Creation.</p>	 <p>The screenshot shows the Citrix Cloud console interface. On the left is a dark navigation menu with a hamburger icon at the top, labeled '1'. The menu items include Library, Support Tickets, Identity and Access Management, Notifications, Resource Locations, XenApp and XenDesktop Service (highlighted with a red circle and '2'), Smart Tools, and Labs. The main content area on the right shows 'Monitor' and 'Simpli Cloud. V'.</p>
<p>Click manage</p>	
<p>In the Studio console click Create Machine Catalog.</p>	 <p>The screenshot shows the 'Actions' menu in the Studio console. The menu items are Machine Catalogs (with a dropdown arrow), Create Machine Catalog (highlighted with a red circle), View (with a right-pointing arrow), Refresh, and Help.</p>
<p>The Studio window will appear. Click Next.</p>	 <p>The screenshot shows the 'Machine Catalog Setup' window in Studio. The 'Introduction' page is active, displaying text about Machine Catalogs and a list of important considerations. At the bottom right, the 'Next' button is highlighted in red, with 'Back' and 'Cancel' buttons also visible.</p>

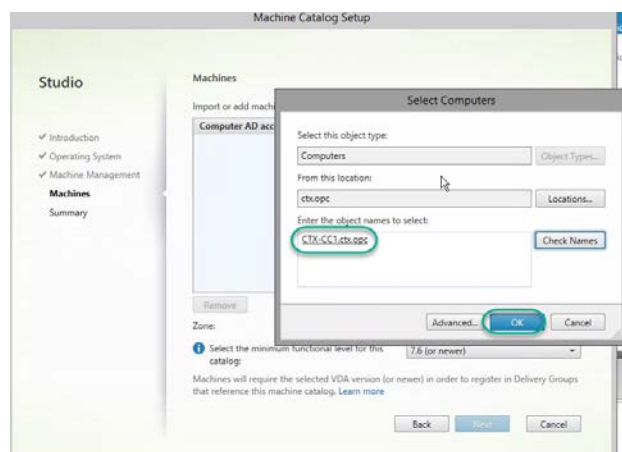
In the Operating System section select Server OS for deploying a XenApp Catalog. Click Next.



In the Machine Management screen select Machines that are not power managed. Select another service or technology. Click Next



Locate the machine on which VDA is installed on in Active Directory by searching in Add Computers. Click Ok. Click Next



Enter a description for the Catalog then click Finish

Machine Catalog Setup

Studio

- ✓ Introduction
- ✓ Operating System
- ✓ Machine Management
- ✓ Machines
- Summary**

Summary

Machine type:	Server OS
Machine management:	Physical
Provisioning method:	Another service or technology
Number of machines added:	1
VDA version:	7.6 (or newer)
Scopes:	-
Zone:	Initial Zone

Machine Catalog name:

XenApp on OPC

Machine Catalog description for administrators: (Optional)

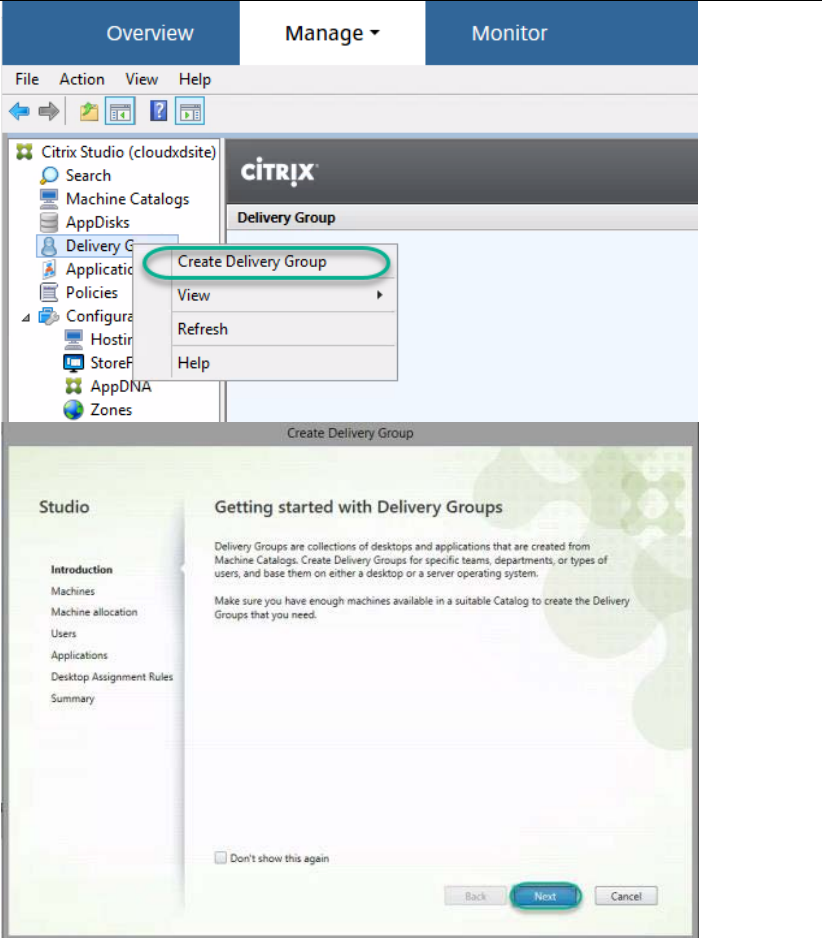
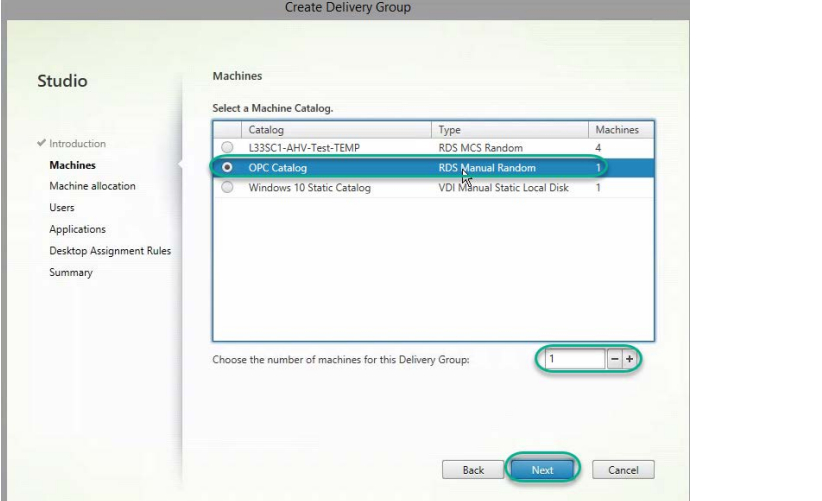
XenApp on OPC

To complete the deployment, assign this Machine Catalog to a Delivery Group by selecting Delivery Groups and then Create or Edit a Delivery Group.

Back Finish Cancel

Step 5: Create a Delivery Group

The next step uses Citrix Studio to create a Delivery Group for the XenApp deployment.

Instructions	Visual												
<p>In the Studio console right click on Delivery Groups. Click Create Delivery group. Click Next.</p>	 <p>The screenshot shows the Citrix Studio application window. The top navigation bar includes 'Overview', 'Manage', and 'Monitor'. The left sidebar contains a tree view with 'Delivery Groups' selected. A context menu is open over 'Delivery Groups', with 'Create Delivery Group' highlighted. The main pane shows the 'Create Delivery Group' wizard. The 'Studio' tab is active, and the 'Getting started with Delivery Groups' page is displayed. The page contains introductory text and a 'Next' button, which is highlighted with a red circle.</p>												
<p>Select the new catalog created called XenApp on OCI. Click Next.</p>	 <p>The screenshot shows the 'Machines' step of the 'Create Delivery Group' wizard. The 'Studio' tab is active, and the 'Machines' page is displayed. The page contains a table for selecting a machine catalog and a spinner control for the number of machines. The 'OPC Catalog' is selected, and the number of machines is set to 1. The 'Next' button is highlighted with a red circle.</p> <table border="1" data-bbox="808 1354 1247 1579"><thead><tr><th>Catalog</th><th>Type</th><th>Machines</th></tr></thead><tbody><tr><td><input type="radio"/> L33SCT-AHV-Test-TEMP</td><td>RDS MCS Random</td><td>4</td></tr><tr><td><input checked="" type="radio"/> OPC Catalog</td><td>RDS Manual Random</td><td>1</td></tr><tr><td><input type="radio"/> Windows 10 Static Catalog</td><td>VDI Manual Static Local Disk</td><td>1</td></tr></tbody></table>	Catalog	Type	Machines	<input type="radio"/> L33SCT-AHV-Test-TEMP	RDS MCS Random	4	<input checked="" type="radio"/> OPC Catalog	RDS Manual Random	1	<input type="radio"/> Windows 10 Static Catalog	VDI Manual Static Local Disk	1
Catalog	Type	Machines											
<input type="radio"/> L33SCT-AHV-Test-TEMP	RDS MCS Random	4											
<input checked="" type="radio"/> OPC Catalog	RDS Manual Random	1											
<input type="radio"/> Windows 10 Static Catalog	VDI Manual Static Local Disk	1											

In the Users section select Leave user management to Citrix Cloud. Click Next.

The screenshot shows the 'Create Delivery Group' wizard in the 'Users' section. The left sidebar has 'Users' selected. The main area contains instructions and three radio button options. The first option, 'Leave user management to Citrix Cloud...', is selected and circled in green. Below the options is an 'Add users and groups' text box with 'Add...' and 'Remove' buttons. At the bottom, there are 'Back', 'Next', and 'Cancel' buttons, with 'Next' circled in green.

Studio

- Introduction
- Machines
- Users**
- Applications
- Desktops
- Summary

Users

Specify who can use the applications and desktops in this Delivery Group. You can assign users and user groups who log on with valid credentials. Alternatively or additionally, you can enable access for unauthenticated users.

- Leave user management to Citrix Cloud. This makes the Delivery Group available as a Library offering you can assign to users.
- Allow any authenticated users to use this Delivery Group.
- Restrict use of this Delivery Group to the following users:

Add users and groups

Add... Remove

Give access to unauthenticated (anonymous) users; no credentials are required to access StoreFront.
This feature requires a StoreFront store for unauthenticated users.

Sessions must launch in a user's home zone, if configured.

Back Next Cancel

At the applications screen Click Next.

The screenshot shows the 'Create Delivery Group' wizard in the 'Applications' section. The left sidebar has 'Applications' selected. The main area contains instructions and an 'Add applications' text box with 'Add...', 'Remove', and 'Properties...' buttons. Below is a folder selection area with 'Change...' button. At the bottom, there are 'Back', 'Next', and 'Cancel' buttons, with 'Next' circled in green.

Studio

- Introduction
- Machines
- Users
- Applications**
- Summary

Applications

To add applications, click "Add" and choose a source. Then select applications from that source. You can optionally place new applications in a non-default folder and change application properties.

Add applications

Add... Remove Properties...

Place the new applications in folder:

Applications

Change...

Back Next Cancel

In the Delivery Group Name enter XenApp on OCI. Click Finish.

The screenshot shows the 'Create Delivery Group' wizard in the 'Summary' section. The left sidebar has 'Summary' selected. The main area displays configuration details in a table. Below the table are two text input fields: 'Delivery Group name' (containing 'XenApp on OPC') and 'Delivery Group description, used as label in Receiver (optional):' (containing 'XenApp'). At the bottom, there are 'Back', 'Finish', and 'Cancel' buttons, with 'Finish' circled in green.

Studio

- Introduction
- Machines
- Users
- Applications
- Desktops
- Summary**

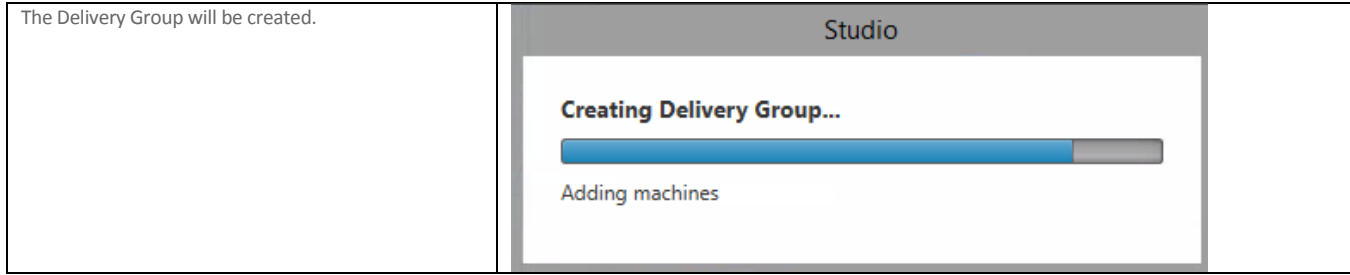
Summary

Machine Catalog:	OPC Catalog
Machine type:	Server OS
Allocation type:	Random
Machines added:	CTX\CTXVDA02 1 unassigned
Users:	Allow authenticated users
Launch in user's home zone:	No

Delivery Group name:
XenApp on OPC

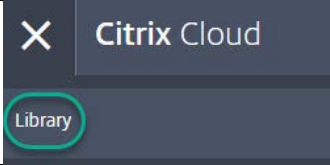
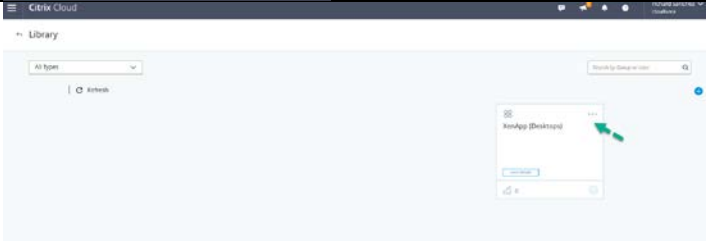
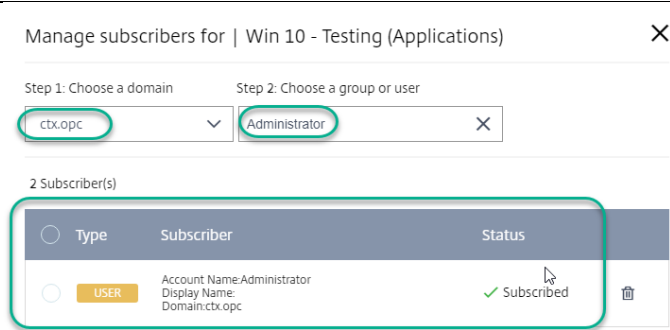
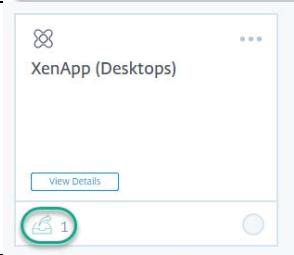
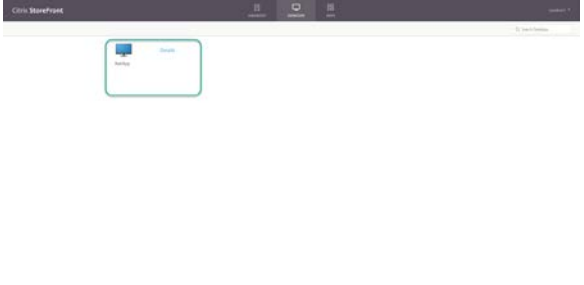
Delivery Group description, used as label in Receiver (optional):
XenApp

Back Finish Cancel



Step 6: Securely accessing OCI using NetScaler Gateway Service

Once the Citrix Cloud connectors, Machine Catalogs, and Delivery groups are created the base XenApp instance can be remotely accessed. In order to assign the correct subscribers to the instance appropriate permission need to be applied using the Citrix Cloud Library.

instructions	Visual
From the hamburger menu click on Library	
Select the XenApp published resource in the Library then click on the ... then click manage subscribers	
Enter in the name of the user or group to publish the desktop to	
The resource should now be published.	
Login to the Storefront URL, which is secure with NetScaler Gateway Service, with the created AD credentials and launch the XenApp or XenDesktop session	<p data-bbox="597 1192 1079 1222">https://ctxsalliance.xendesktop.net/Citrix/StoreWeb/</p>
The XenApp on OCI instance is now available for user to login to	



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