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Introduction

The Reviewer's Guide is designed to help you quickly install and configure XenDesktop 7.5 for evaluation. It guides you through a XenDesktop 7.5 deployment scenario to help you better understand how the applications and desktop delivery capabilities work in the FlexCast 2.0 unified architecture. The instructions in this section are meant to provide you with an evaluation method to the three common use cases: hosted-shared desktops, hosted-shared apps and VDI desktops.

The assumptions for target audience of this document are:

- familiarity with previous versions of XenApp or XenDesktop
- good knowledge of virtual machine management and Windows server infrastructure
- experience in a system administration or technical reviewer role

At the end of this guide, reviewer will be able to deliver applications and desktops using XenDesktop 7.5 and access those resources using Citrix StoreFront and Receiver. Please see the **Reviewer's Guide for XenApp 7.5** for instructions on delivering apps and desktops from Server OS

Important: Please follow the instructions in the Reviewer's Guide for XenDesktop 7.5 in the order they are presented. Do not skip topics. The Reviewer's Guide for XenDesktop 7.5 experience is designed to build from topic to topic. If steps are skipped or not completed as described, the expected outcome of the scenario may fail to occur.

The guide will highlight the following new features in XenDesktop 7.5:

- 1. FlexCast Management Architecture (FMA)
- 2. Intuitive Workflows
- 3. Support for Windows 8/ Windows Server 2012
- 4. Realtime Configuration Validation
- 5. StoreFront
- 6. Director Dashboard
- 7. HDX Mobility end-user enhancements

For a more in-depth evaluation or more details on the release, please see the Administrator's Guide

What is XenDesktop 7.5?

Transforming apps and desktops delivery, XenDesktop 7.5 allows customers to select, configure and scale more mobile use cases more quickly, easily and economically than ever before. It allows delivery of apps and desktops from both desktop OS and server OS platforms. The latter functionality (delivering apps and desktops from server OS) is also available as a standalone product called **XenApp 7.5.** Unlike the XenApp 6.5 product based on Independent Management Architecture (IMA), both XenApp 7.5 and

XenDesktop 7.5 are based on the new, more-scalable FlexCast Management Architecture (FMA). One of the major changes you will find in this release is the concept of a unified architecture and management for XenApp and XenDesktop. Unlike previous deployments requiring separate infrastructure for XenApp and XenDesktop, the unification of the architecture enables administrators to design and deploy a single delivery infrastructure for delivering applications (XenApp) and desktops (XenDesktop).

So what does this mean to existing XenDesktop and XenApp customers?

If you have an earlier XenApp deployment (before version 7.5), build a new environment. You cannot upgrade or migrate to the current version. If you have a XenDesktop 4.x deployment, first build a new environment, then use the Migration Tool to transfer data and settings to the new Site. For details, see *Migrate XenDesktop 4*. If you have a XenDesktop 5.x or later deployment, you can upgrade to the latest version. For details, see *In-place upgrade*.

For the evaluation guide, please create a new deployment starting with freshly installed operating systems (OS).

Here's an overview of the unified infrastructure components:

- Citrix Receiver. Receiver provides users with self-service access to resources published on XenDesktop servers. Receiver combines ease of deployment and use, and offers quick, secure access to hosted applications, desktops, and data. Receiver also provides on-demand access to Windows, Web, and Software as a Service (SaaS) applications.
- **Citrix StoreFront**. StoreFront authenticates users to XenDesktop 7.5 sites and manages stores of desktops and applications that users access using Citrix Receiver.
- **Citrix Studio**. Studio enables you to configure and manage your XenDesktop deployment. Studio provides various wizards to guide you through the process of setting up your environment, creating your desktops, and assigning desktops to users.
- **Citrix Director.** Director is a Web-based tool that enables IT support and help desk teams to monitor a XenDesktop environment, troubleshoot issues before they become system-critical, and perform support tasks for end users.
- Delivery Controller. The Delivery Controller is responsible for distributing applications and desktops, managing user access, and optimizing connections to applications. Each site has one or more delivery controllers.
- **Server OS Machines.** VMs or physical machines based on Windows Server operating system used for delivering applications or hosted shared desktops to users.
- Desktop OS Machines. VMs or physical machines based on Windows Desktop operating system
 used for delivering personalized desktops to users or applications from desktop operating
 systems.
- **Virtual Delivery Agent**. The Virtual Delivery Agent has to be installed on the virtual or physical machines (server or desktop OS'es) to which your users will be connecting for applications and desktops. It enables the machines to register with the Delivery Controllers and manages the HDX connection between the machines and Citrix Receiver.

Getting Started

Part 1: Download the software

Please download the free evaluation software from http://www.citrix.com/tryxendesktop. For this evaluation, we assume the reviewer will perform the necessary steps to put the ISO on a DVD or mount it as a virtual disk.

This guide is developed using the free XenServer, available from www.citrix.com/xenserver/download. XenDesktop 7.5 can also be installed on physical servers as well as virtual machines running on Microsoft Hyper-V and VMware vSphere. Note: If Hyper-V will be used to support the XenDesktop 7.5 environment, Microsoft's System Center Virtual Machine Manager is also required. See the systems requirements for details.

Part 2: Network design

The Reviewer's Guide for XenDesktop 7.5 leads you through a detailed scenario to a planned outcome. Each of the tasks contained here build toward that outcome. Once you have concluded this series of exercises, you will have an environment on which you can explore XenDesktop 7.5's full features and scalability. Not every component, feature, or configuration is addressed here.

The instructions in this section are meant to provide you with an evaluation method. For convenience in evaluating, components are installed on fewer servers¹ than are recommended for a production environment. An *Active Directory* infrastructure with DNS and DHCP services is required (for this evaluation, we recommend an isolated active directory and DHCP for the test environment.)

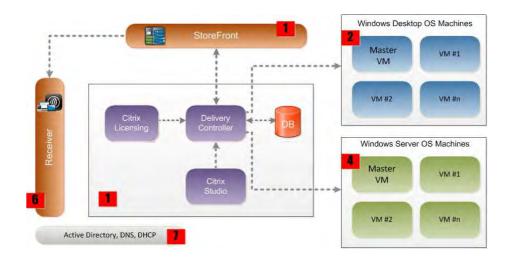


Figure 1 Simplified network design for XenDesktop 7.5 evaluation

¹ The inset numbers in Figure 1 correspond to the virtual machines listed in Table 1

<u>Tip</u>: While not recommended for production deployment, all virtual machines for this evaluation may be run on a single physical server – both infrastructure and client machines. We used server hardware with 8 CPU cores and 64GB RAM for the test load.

Part 3: Prerequisites

We shall perform installation and configuration of the XenDesktop 7.5 software, running through the 3-step wizard to perform initial configuration. The installation and configuration (excluding the pre-requisites) is expected to take around 2.5 hours.

Before we begin, please complete these prerequisite tasks.

- 1. Create a group *CitrixEval* in the active directory. Add users (*user1*, *user2*, etc.) to the *CitrixEval* group. These accounts must have local administrator privileges and be domain administrators in the Active Directory.
- 2. Create the virtual environment using your hypervisor of choice. XenDesktop 7.5 is supported on Microsoft Hyper-V Server 2012, VMware vSphere 5.5², and Citrix XenServer 6.2. This guide was created using **Citrix XenServer 6.2**. Please refer to vendor documentation for setting up the hypervisors for desktop virtualization.
- 3. You need a VM template for each operating system under test: Windows 7, Windows 8, Windows Server 2008 R2, and Windows Server 2012 R2. Create virtual machine templates as follows: define the VM specifications as (2 vCPU, 2GB RAM, 24GB vDisk) for Desktops and (2 vCPU, 4GB RAM, 24GB vDisk) for Servers. Assign a single network interface to all VMs. Install the operating system and activate. Convert to template. (Refer vendor documentation for details)

Here's the list³ of VMs we require for the setup, as seen in Figure 1.

Table 1 Virtual Machine assignments

VM#	Operating System	Purpose
1	Windows Server 2012R2	Citrix Studio, Director, StoreFront, SQL Database, and License server
2	Windows 8.1	Windows 8 master image
3	Windows 7 SP1	Windows 7 master image
4	Windows Server 2012R2	Windows Server 2012 master image
5	Windows Server 2008 R2 SP1	Windows 2008 R2 master image
6	Windows 7 SP1	End-point client with Citrix Receiver
7	Windows Server 2008 R2 SP1	(Optional) Either create new Active Directory domain and run DNS and DHCP services, or reuse existing
8-12		Auto-created VMs by Machine Creation Services (MCS)

³ VM #3 and #5 are optional for evaluation purpose because the process to create and deliver desktop OS (Windows 8 or Windows 7) and server OS (Windows Server 2012R2 or Windows Server 2008R2) is similar across the operating system versions.

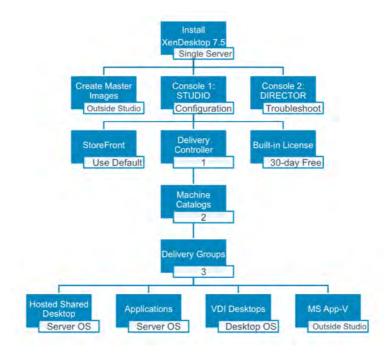
Using these templates, create VM's 1 through 7 as per Table 1. Take *snapshot* of the "clean state" for each VM before installing any software other than the operating system (helpful if you ever wish to go back to square one). Join all VMs to Active Directory domain. Using these VMs to create base image is explained later, in *Step 1.1: Creating the master image*

Part 4: Activity scenario

The example scenario is to deliver two VDI desktops, one hosted shared desktop, and two sets of applications.

- 1. One desktop with Windows 7 operating system
- 2. One desktop with Windows 8 operating system
- 3. One desktop based on Windows Server 2012 R2 operating system
- 4. Two Microsoft applications (Wordpad, Calculator) published from Windows Server 2008 R2
- 5. Two Microsoft applications (Notepad, Paint) published from Windows Server 2012 R2

During this evaluation, our server-side activity flowchart will look something like this.



After we download and install the software, getting to your published desktops and apps is a 3-step process, driven through a user-friendly wizard in **Citrix Studio**. There is only one task that need to be performed outside of the wizard-based Studio console, and that is creation of the **master images**. This involves setting up Windows machines with the required OS and other applications, then installing Citrix **Virtual Delivery Agent** on them to enable communication with the controller.

The FlexCast 2.0 architecture offers multiple ways of delivering desktops and apps to your users. In this guide, we shall see two examples under step-3 (Creating delivery groups). Throughout the document, we will highlight some of the key new technologies that are highly anticipated by the Citrix community, such as the Intelligent Configuration Validation, Inline Context-Aware Help, or the ability to deliver latest Microsoft technologies.

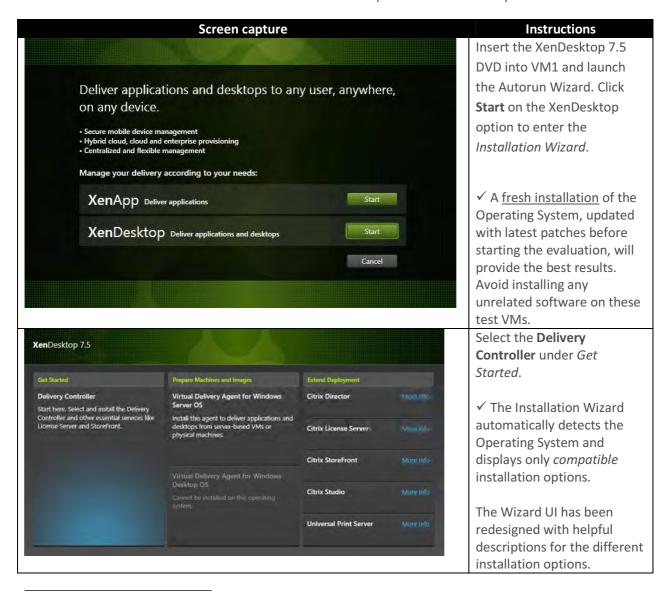
At the end-point, we will launch **Citrix Receiver** from a client device and connect to the virtual desktop infrastructure to review the experience as an end-user. During this time, we will use the second console in XenDesktop 7.5, called Director, to view real-time session information and analytics. **Citrix Director** is a web-based console that offers a context-aware dashboard to empower the IT help desk and Citrix specialists to quickly identify and resolve issues before they negatively impact end user. Director now integrates with NetScaler performance monitoring engine (HDX Insight) to provide end-to-end visibility: from network-layer all the way up to the application layer. Please visit http://edocs.citrix.com for more details.

Step 1: Installation

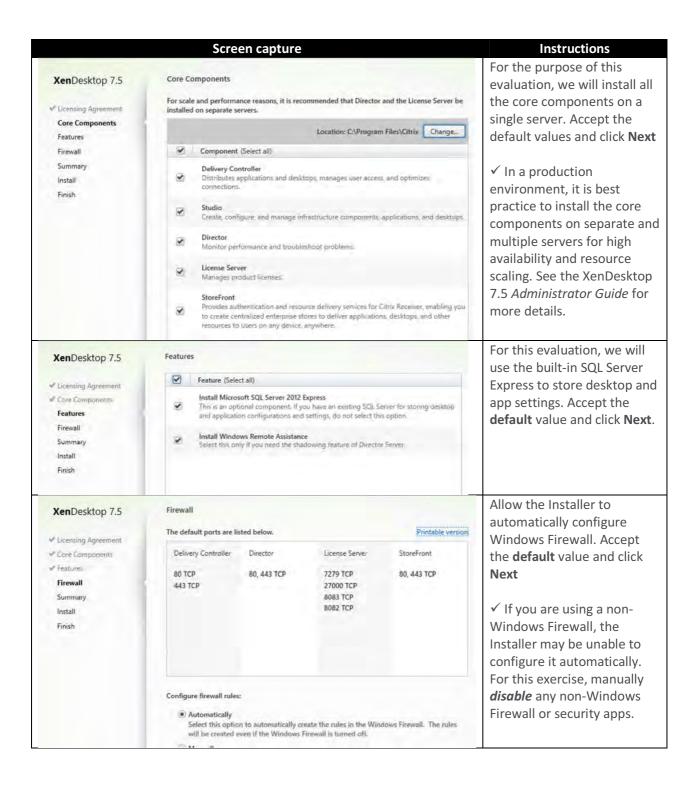
We assume that pre-requisites (previous section) are in place, and the software has been downloaded to a DVD (or mounted on a virtual DVD). Also, create VM1 and install Windows Server 2012 R2 (as per Table 1), and add the computer to active directory domain. This chapter describes the process for installing various components⁴ of XenDesktop 7.5 and first-run of the Delivery Studio.

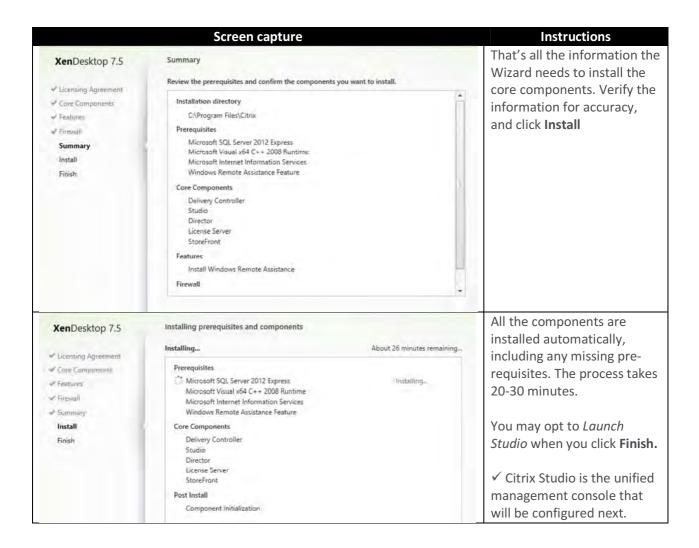
Install the core components on VM1

VM1 is the Windows Server 2012 that will host the core components of XenDesktop 7.5.



 $^{^4}$ Note: As a rule of thumb, we will select the default option for most configuration settings. Where a different option is recommended, or there is interesting information to help you perform a better evaluation, such comments are indicated with a \checkmark sign.

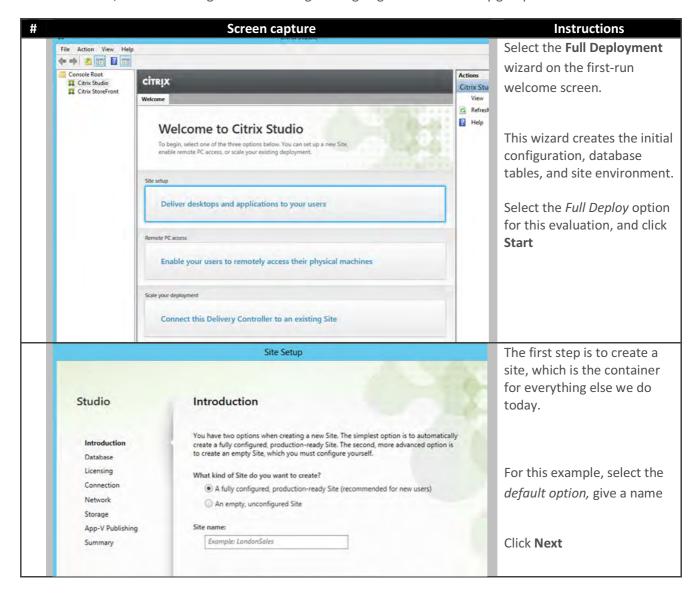


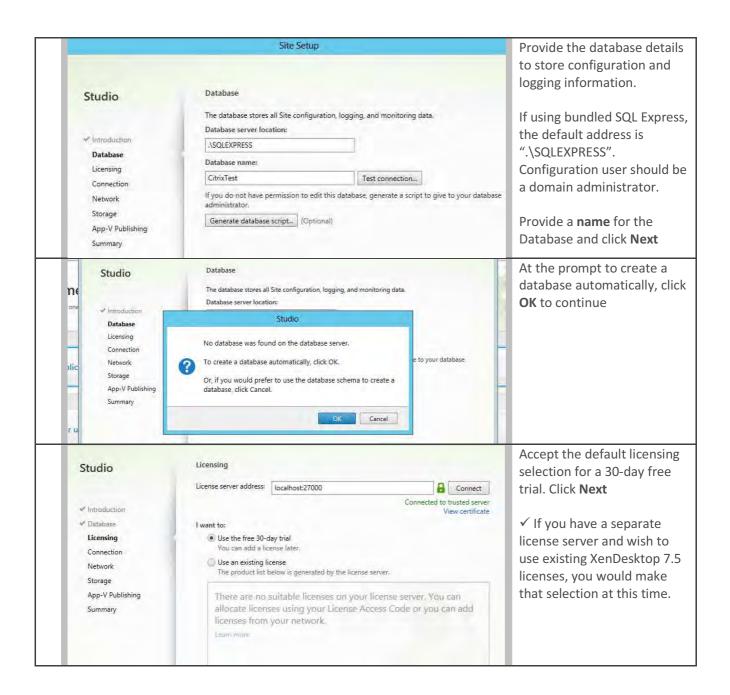


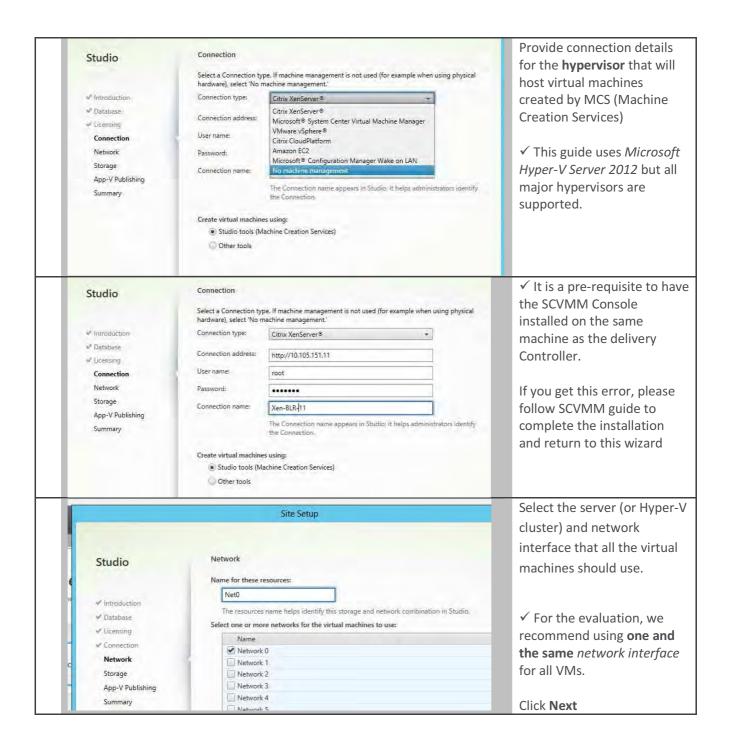
First run of Citrix Studio

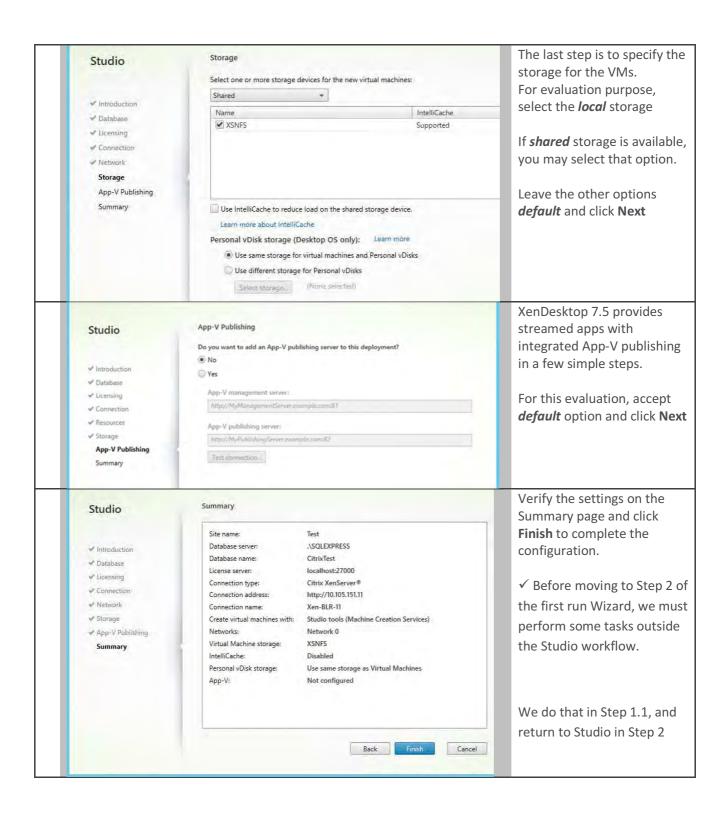
The first run wizard of the Citrix Studio helps you quickly build a new site, create pool of desktops and servers (machine catalog), and assign users to those desktops and applications (delivery groups). Alternatively, you can enable Remote PC Access to physical machines and add the virtualized deployment later, or add this controller to an existing deployment. These latter steps are not in scope of this guide.

On subsequent runs, individual wizards may be invoked from the Studio console to accomplish any of the same tasks, such as creating machine catalog or assigning users to a delivery group.









Step 1.1: Creating the master image and an app-store

Before we move on to step 2 of the Wizard and configure Desktops or Apps, it is necessary to create the master images that will be used by Machine Creation Services (MCS) to create further VMs. This is also known as a Golden Image or a Base Image.

XenDesktop 7.5 creates a default store in Citrix StoreFront; once Delivery Groups are created, the environment is available for access without any additional steps unless you wish to customize the store. The StoreFront configuration is available via the Studio console as well as its own standalone console.

Install Delivery Agent on the Master Image (Desktop OS)

In the section on *Getting Started*, one prerequisite is to create the virtual machine (VM) templates. This means you define the VM (vCPU, RAM, Disk space), install the operating system (OS), install the apps, and make any configurations you want to be part of your user's desktops.

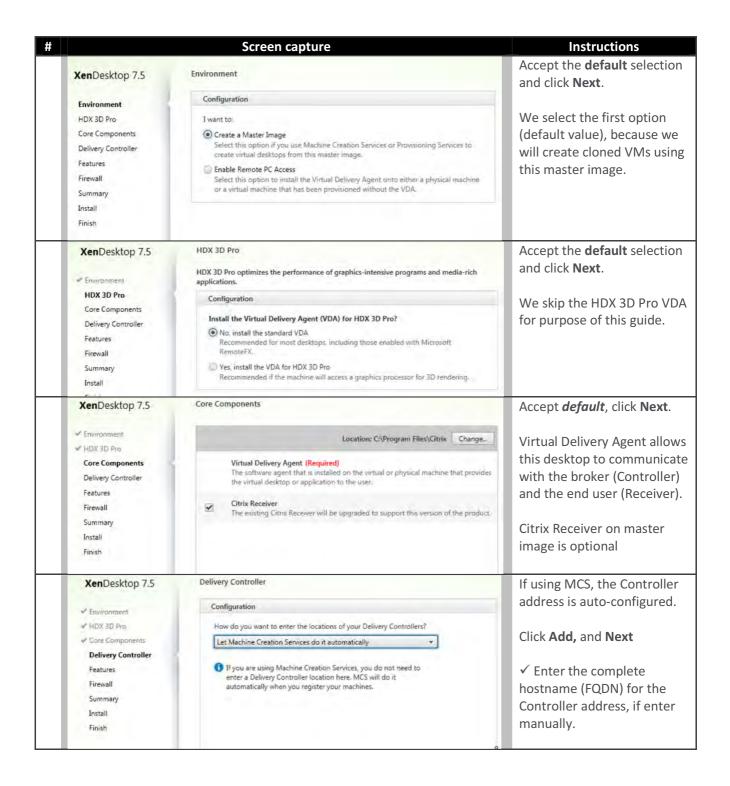
Your account must have local administrator privileges and be a domain administrator in the Active Directory.

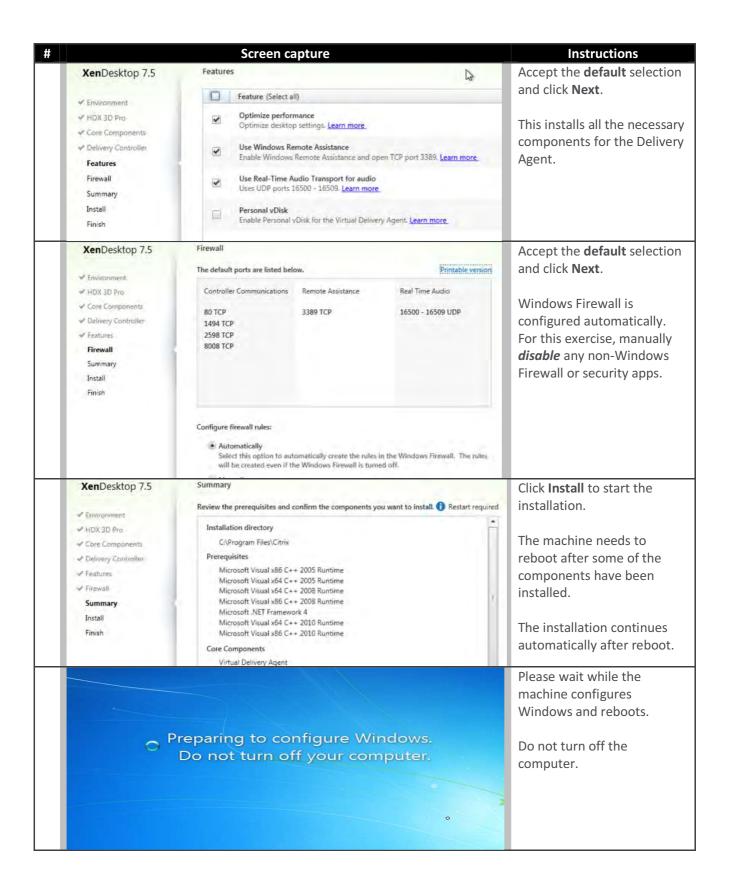
Use a client OS template to create VM for desktop delivery master image, as follows:

- Freshly installed Windows 8 or Windows 7 OS
- Joined to the domain and activated
- DHCP assignment for IP address to cloned VMs

<u>Note:</u> You may choose to repeat the process, once for Windows 8 and another time for Windows 7, if you want to deliver both types of desktops. The instructions remain the same.







#	Screen capture			Instructions	
	Installing		W	Installation continues	
	Installation Environment	Prerequisites		automatically after reboot.	
	HDX 3D Pro	✓ Microsoft Visual C++ 2008 Runtime	Installed		
	Core Components	 ✓ Microsoft Visual x86 C++ 2008 Runtime ✓ Microsoft .NET Framework 4 	Installed Installed	After installation <u>succeeds</u> , do the following:	
	Controller Location	✓ Microsoft Visual x86 C++ 2005 Runtime	Installed		
	Configure Port	 ✓ Microsoft Visual x64 C++ 2005 Runtime ✓ Microsoft Visual C++ 2010 Runtime 	Installed Installed	1. Restart the machine	
	Configurations	Core Components		2. Install necessary	
	Firewall	Delivery Agent for Windows Desktop Machines	Installing	user apps, if any	
	Summary	Citrix Receiver			
	Install	Post Install		3. Shut down virtual	
Ш	Finish	Initializing		machine	

Install Delivery Agent on the Master Image (Server OS)

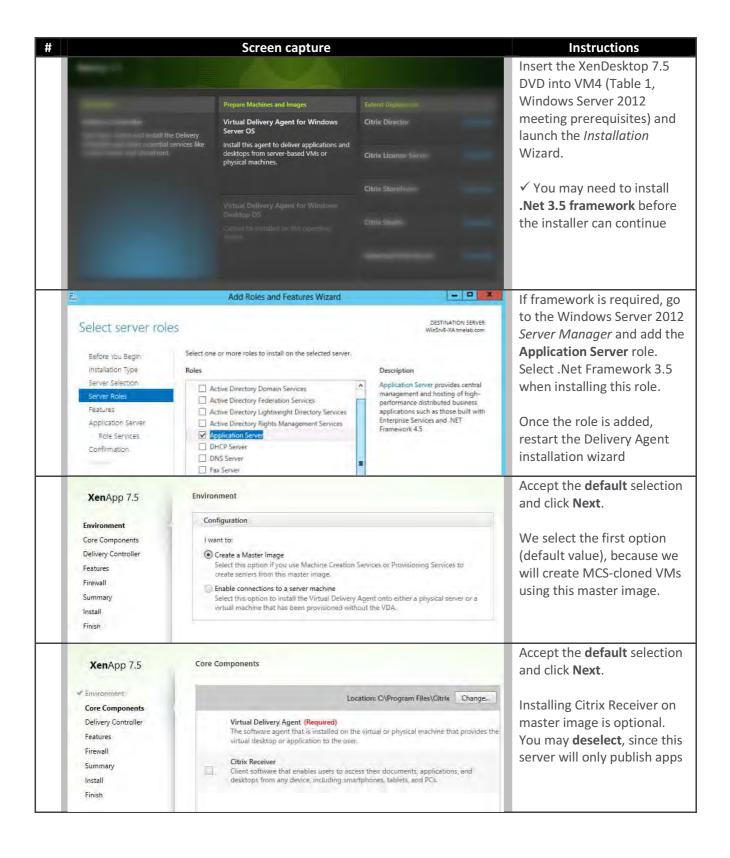
Before we publish applications or hosted-shared desktops, we must prepare a Windows Server with the necessary applications installed. The Delivery Agent is installed on this server to create a Master Image. Depending on the end-user requirements, you install the Delivery Agent in one of two modes: to deliver applications from the server itself (no replication) or to be replicated (by MCS) into server VMs that deliver apps.

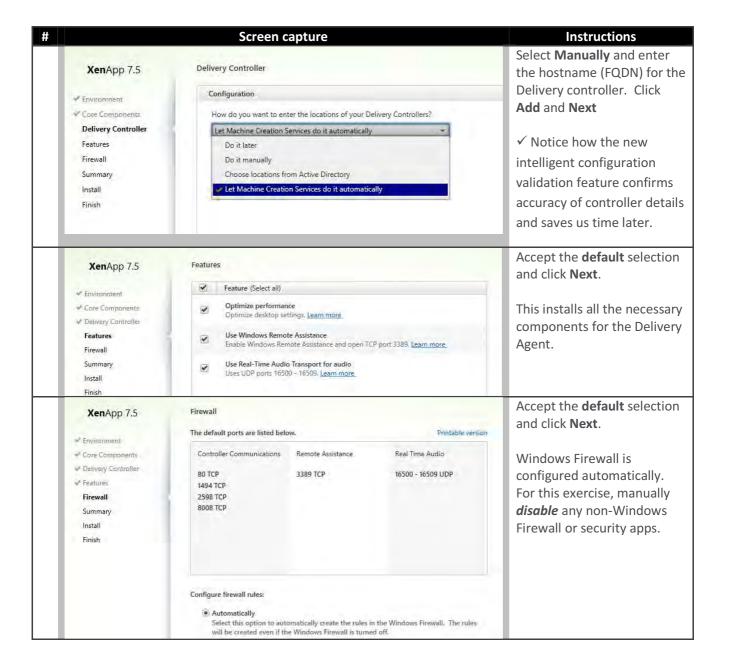
Your account must have local administrator privileges and be a domain administrator in the Active Directory.

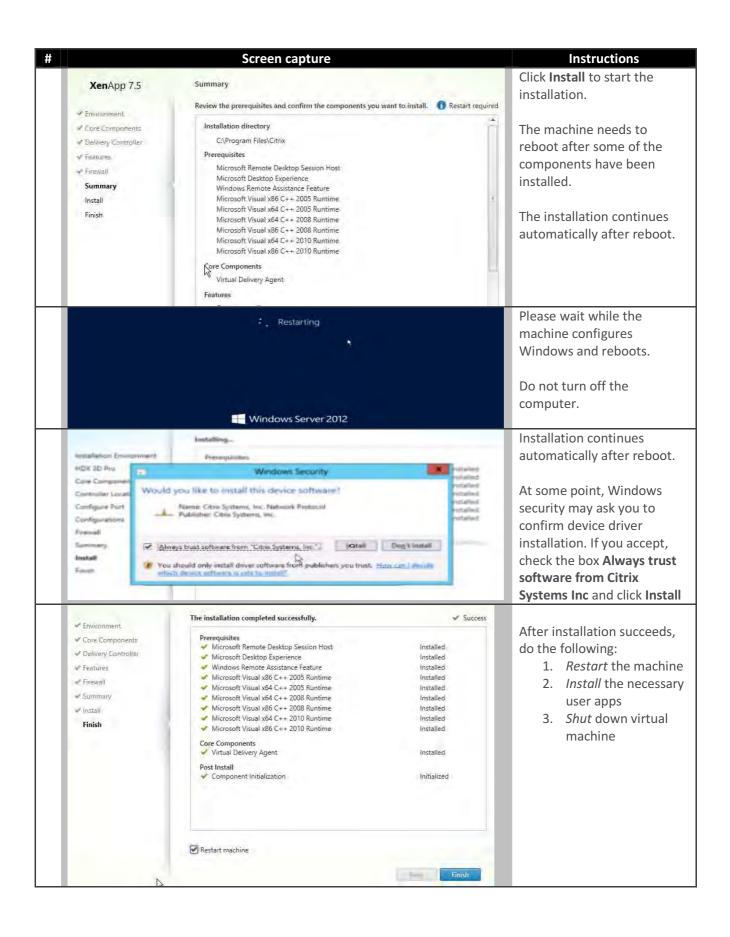
Use a Server OS template to create VM for application delivery master image, as follows:

- Freshly installed Windows Server 2008 R2 SP1 or Windows Server 2012
- Joined to the domain and activated
- DHCP assignment for IP address to cloned VMs

<u>Note:</u> You may choose to repeat the process, once for Windows Server 2012 and again for Windows Server 2008 R2, if you want to deliver apps from both platforms. The instructions remain the same.





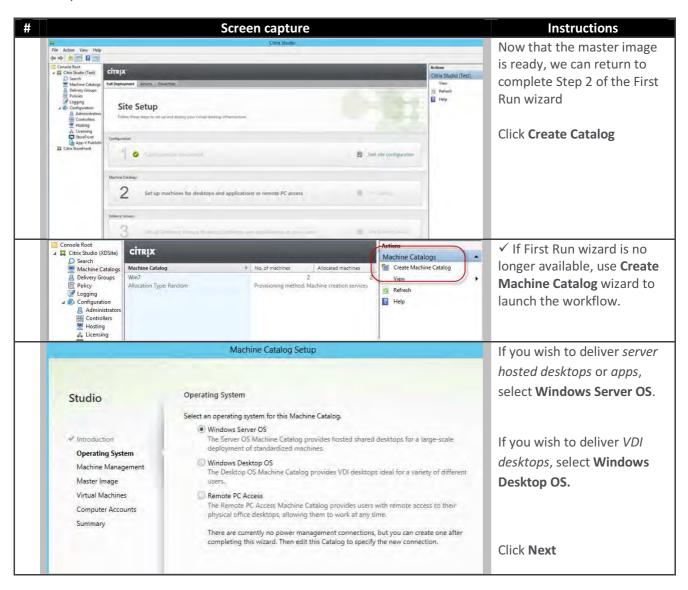


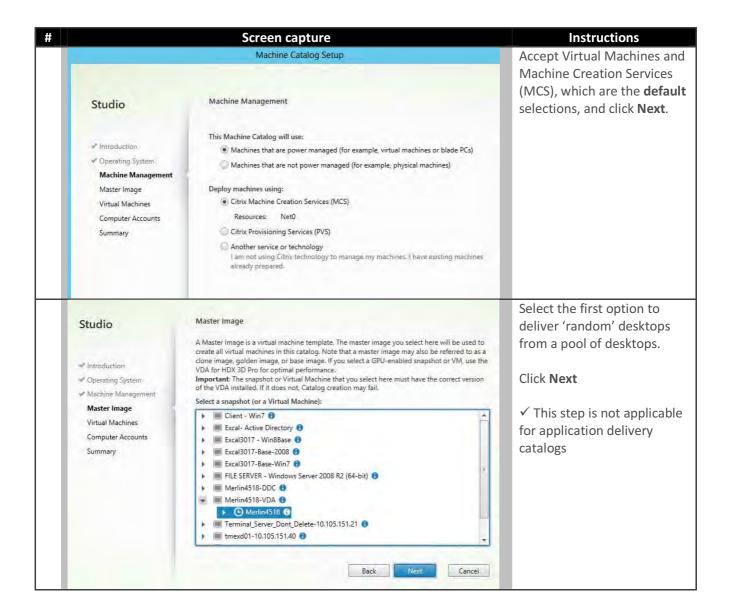
Step 2: Creating the machine catalog

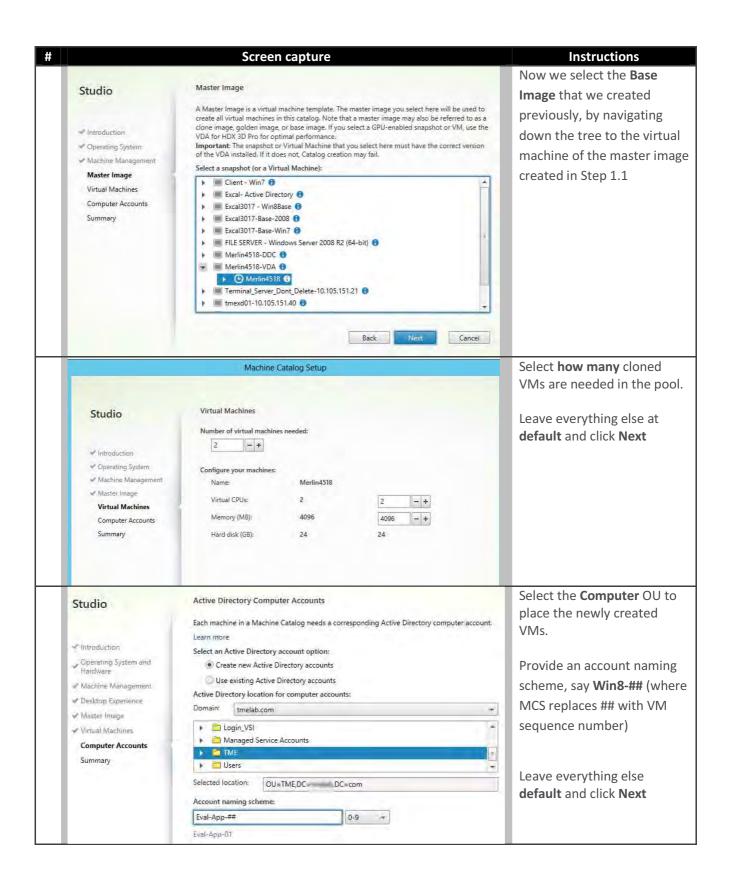
Create Machine Catalogs

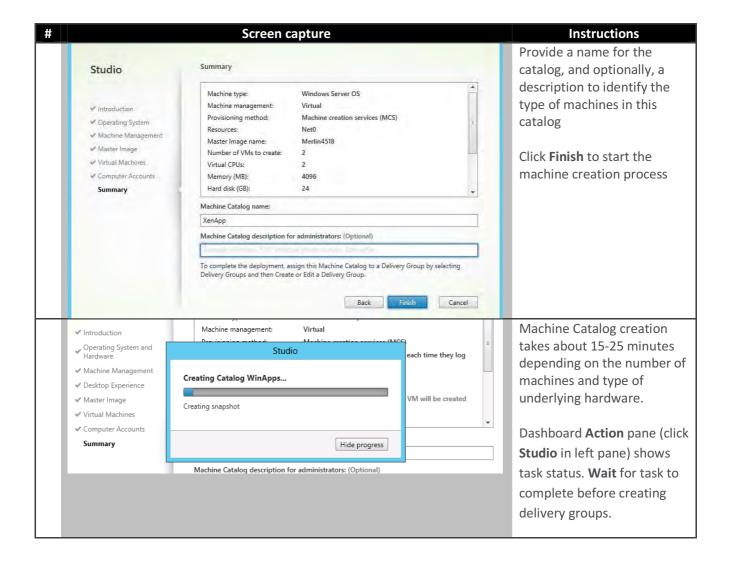
Collections of desktops or physical computers are managed as a single entity called a machine catalog. To deliver desktops and applications to users, the *machine administrator* creates a catalog of machines and the *assignment administrator* allocates machines from the machine catalog to users by creating delivery groups.

Your account must have local administrator privileges and be a Domain Administrator in the Active Directory.









To create machine catalog based on Server OS (for hosted shared desktops and applications), follow the same steps above making suitable selection for Server OS. Create two machines, one for testing application delivery and another for hosted-shared desktops.

Step 3: Publish desktops and applications

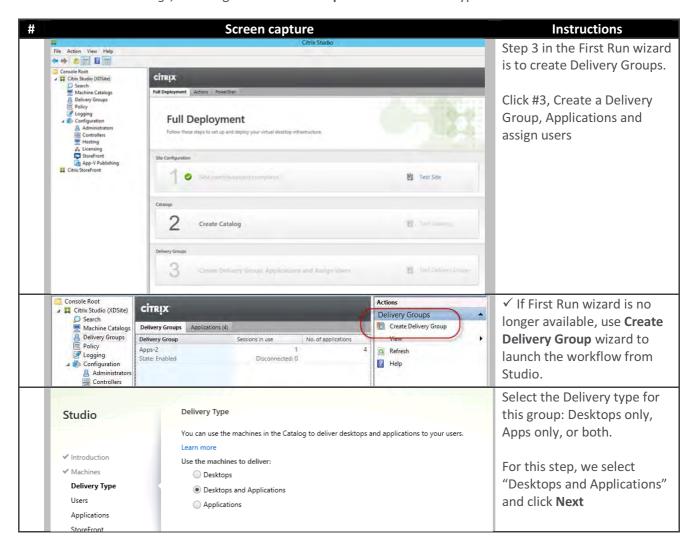
While the workflow to publish desktops and applications is more or less similar, for simplicity we will look at these separately.

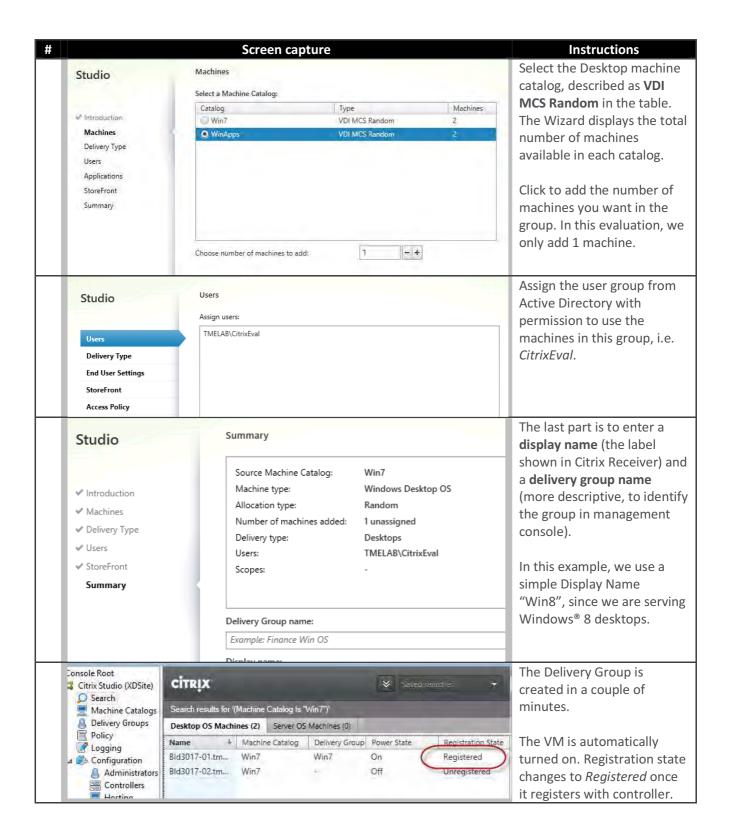
To publish applications in a unified infrastructure, you create and add applications in Studio to make them available to delivery group users. Using Studio, you will first have to configure a site, create and specify machine catalogs, and then create delivery groups within those machine catalogs. Delivery groups are then used to determine which users will have access to the applications you decide to publish.

For more details on how application publishing has evolved with XenDesktop 7.5 release, please see *Important Information for XenApp Administrators* in the Administrator's Guide.

Create Desktop OS Delivery Groups (VDI)

The first delivery group we create is for VDI desktops, using desktop OS. Create a new Windows 8 machine catalog using the snapshot created in *Step 1.1* as the Base Image. Follow the steps in *Step 2: Create Machine Catalogs,* selecting **Windows Desktop OS** as the machine type.

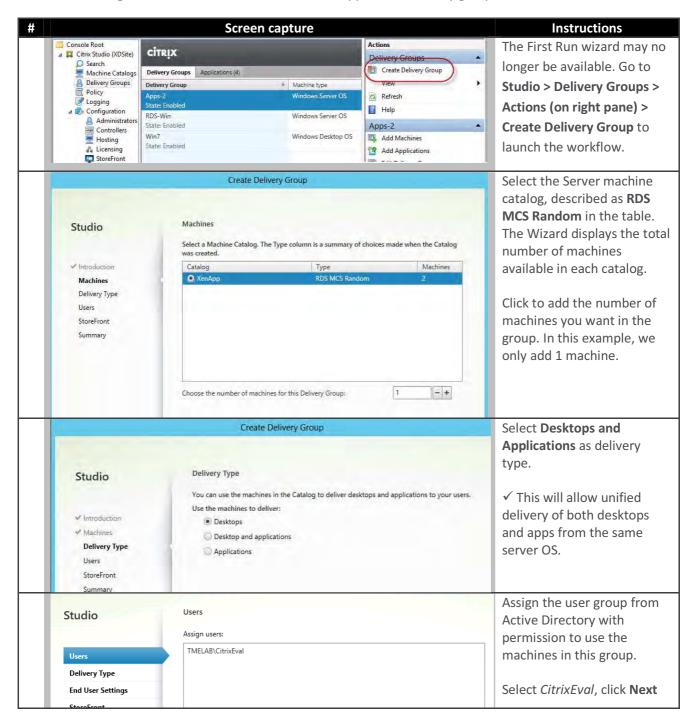


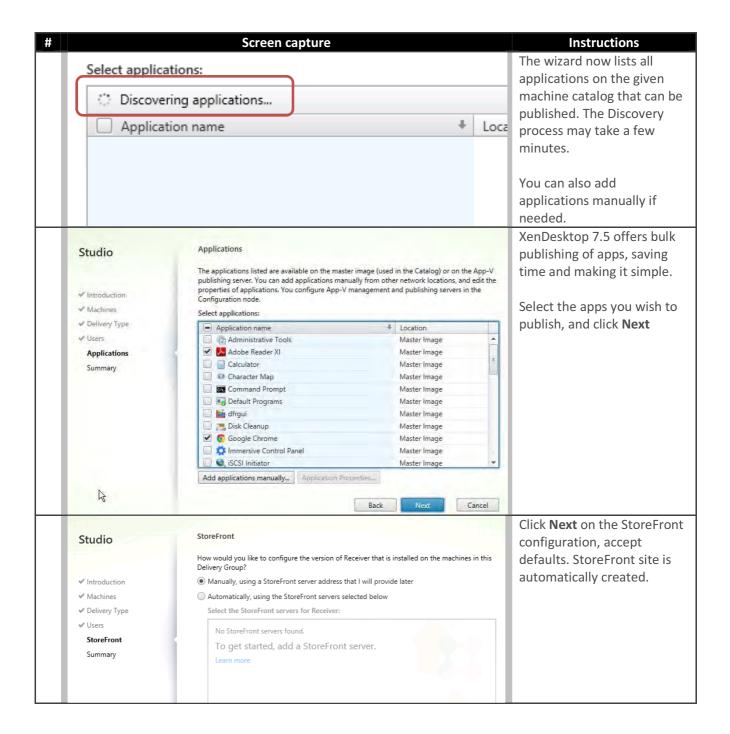


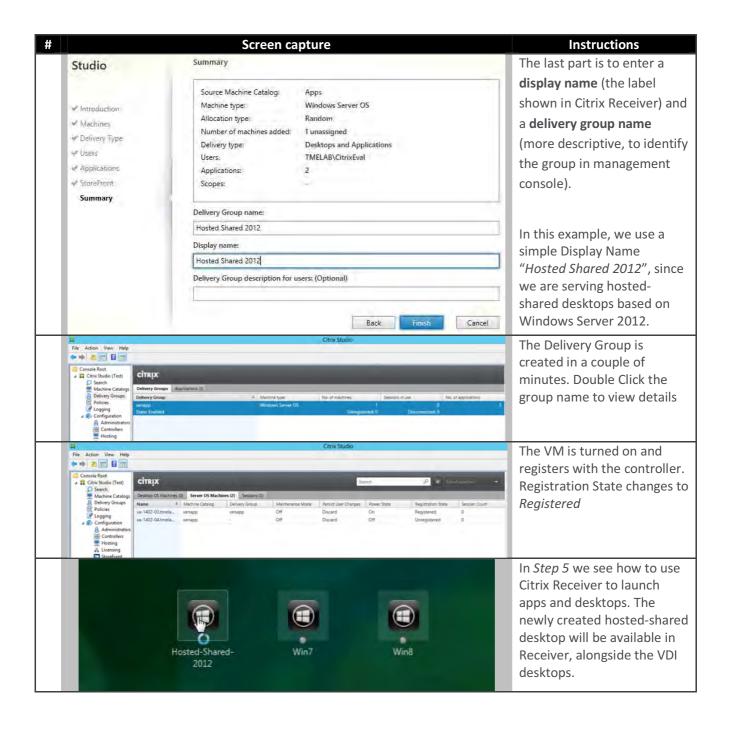
Create Server OS Delivery Groups

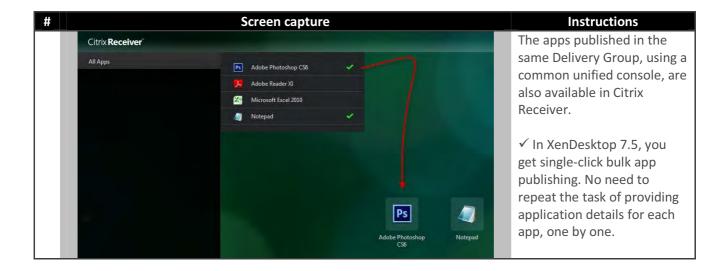
Delivery groups based on Server OS can deliver both hosted-shared desktops as well as applications. Create a new Windows Server 2012 machine catalog using the snapshot created in *Step 1.1* as the Base Image. Follow the steps in *Step 2: Create Machine Catalogs,* selecting **Windows Server OS** as the machine type this time.

Once the catalog is created, come back here to create application delivery group.



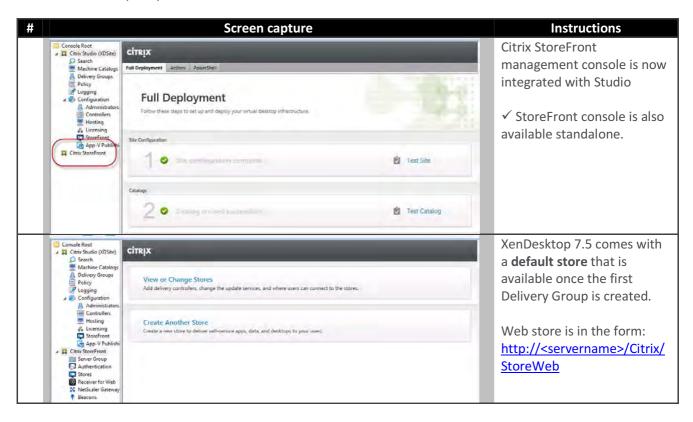


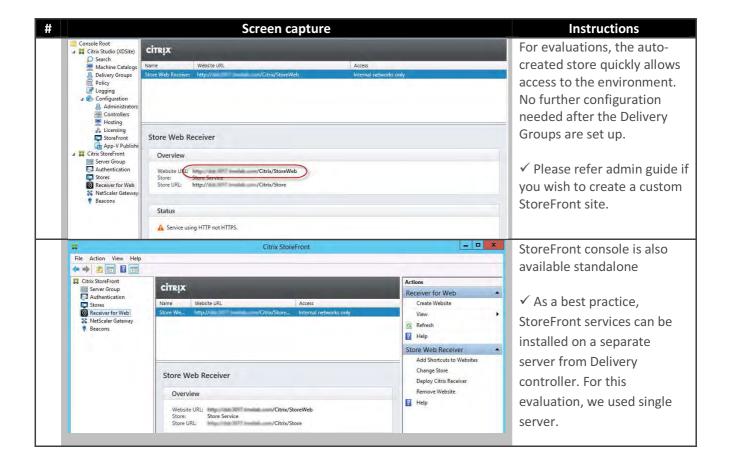




Step 4: Configuring the StoreFront Server

Citrix StoreFront is the next generation of Web Interface, and enables self-service provisioning of desktops and applications, among a host of new functionality. Storefront authenticates users and manages the store of desktops and applications. In this evaluation, Storefront runs on the same server as the Controller (VM1).



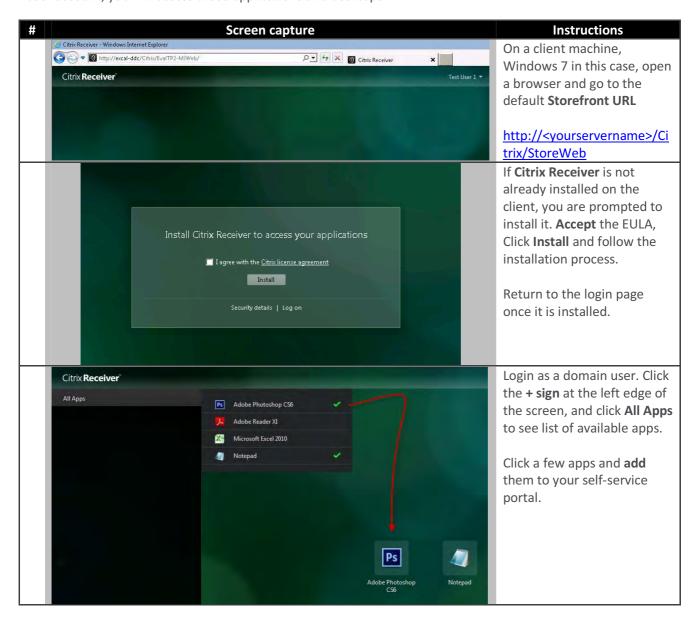


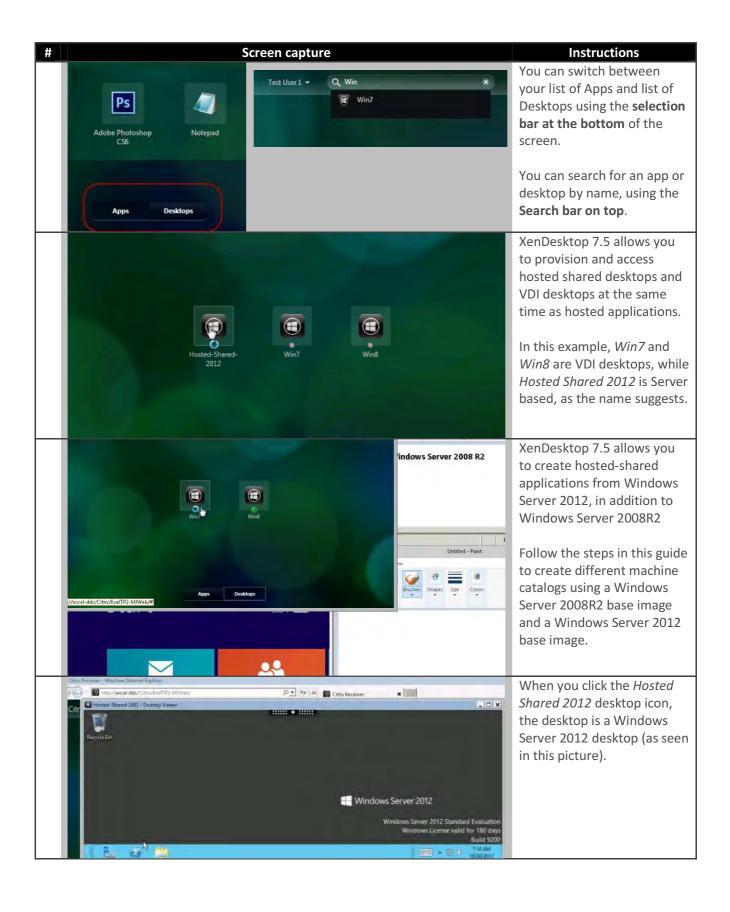
Step 5: End-user session launch (Citrix Receiver)

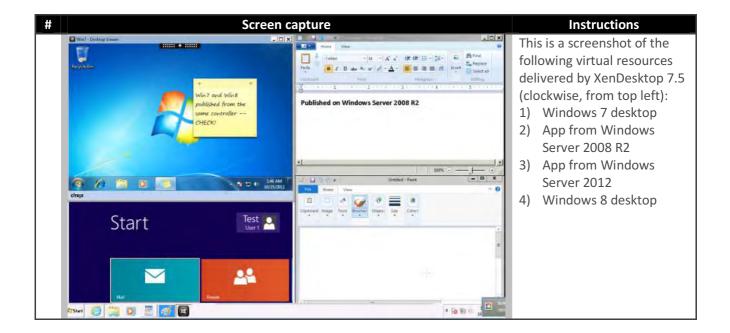
We now use VM #6 (from Table 1) to launch the desktops and apps on a client and evaluate the enduser experience.

Launch published desktops and applications using Receiver

Citrix Receiver is the unified access client to access applications and desktops from StoreFront. With a user account, you will access those applications and desktops.



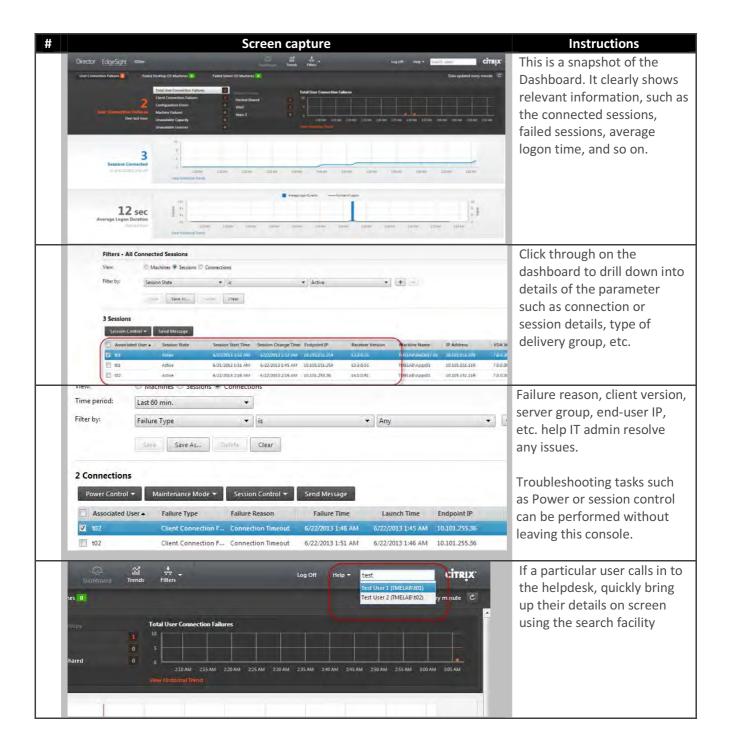


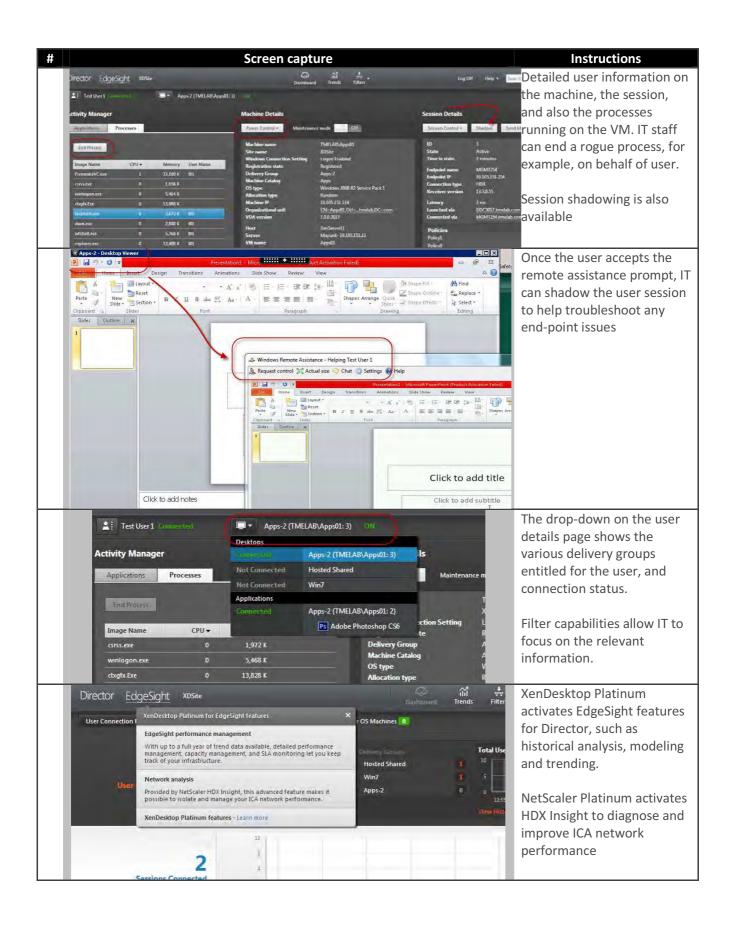


Step 6: Operations helpdesk and monitoring with Director

Director is completely redesigned for XenDesktop 7.5, intended for use by operations helpdesk and Citrix specialists. It provides great detail about user sessions and helps to quickly identify and resolve issues before they negatively impact end-user performance.









Conclusion

This concludes your evaluation of XenDesktop 7.5 release.

Through this process, we learnt how to install a basic deployment of XenDesktop 7.5, configure a Studio site and create machine catalogs. Using delivery groups, we provisioned both Apps and Desktops from a single unified console, including full support for Windows 8.1 with high level of interactivity and graphics. Finally, we experienced the powerful monitoring, troubleshooting, and analytical features of Director that make it very simple to manage day-to-day operations of a large-scale virtualized desktop environment.

Note that this is a simplified guide intended for a quick evaluation of the product features, using a narrow scope of work. It does not replace the official Product Documentation on www.citrix.com

Now that you have completed these tasks and seen how a basic deployment works, use the XenDesktop 7.5 documentation to experience all the components and features available with this release, such as Rich Graphics using GPU cards, Windows media multicast support, HTML5 Receiver, configuration logging, delegated administration, App-V support, and so on.

Appendix

A few optional use-cases are covered in this section, to review the additional features in XenDesktop 7.5. These features require more advanced knowledge of the product and are not relevant to all users, so they were moved outside the main document instructions.

Application Virtualization with Microsoft App-V 5.0

(Source credit: Vidhesh Ramesh's blog on Citrix.com)

Here is a summary of the steps needed for deploying and using App-V applications in XenDesktop 7.5. Please see <u>this whitepaper</u> from Microsoft and Citrix for the detailed instructions.

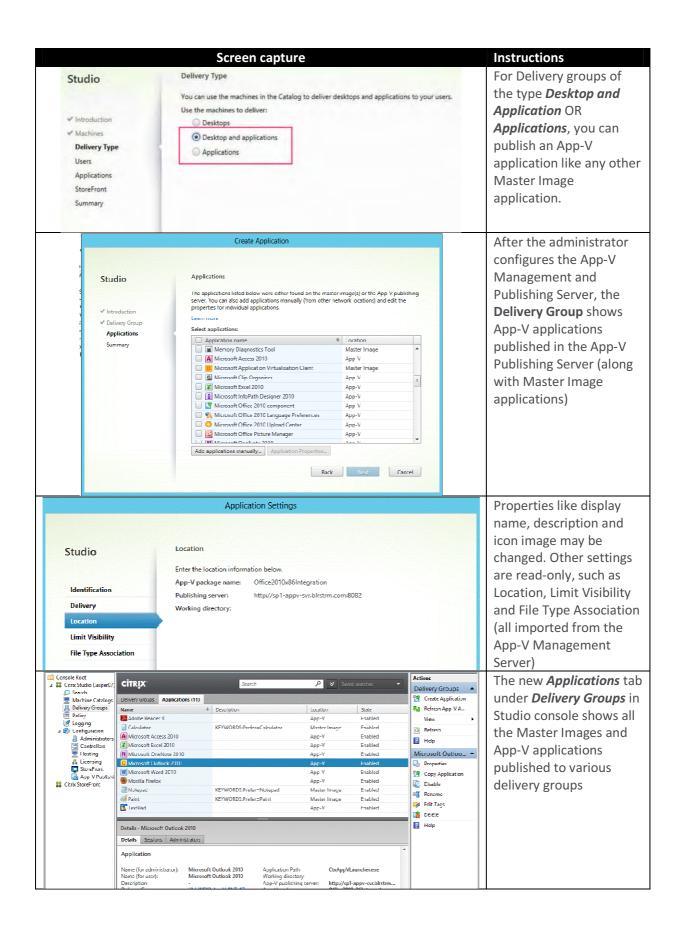
The components required for App-V Deployment are:

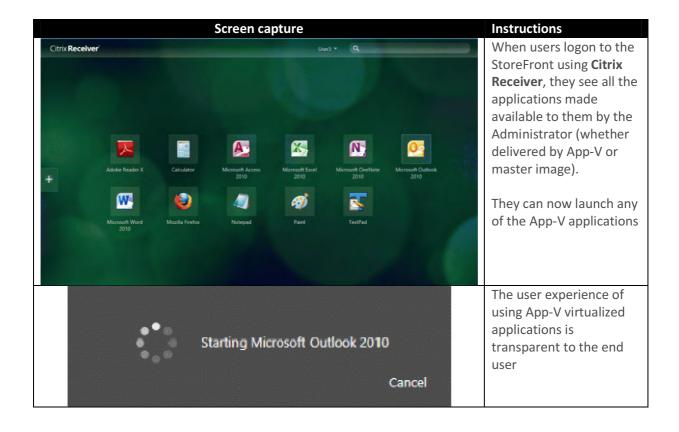
- Microsoft App-V Sequencer
 - o Is used to create App-V sequences (.appv is the extension).
- Microsoft App-V Management and Publishing Server
 - These are Server side components of App-V and are used to publish the sequenced App-V packages. User Assignments, Shortcuts, Deployment Configuration, etc. are all configured here.
- Microsoft App-V Client
 - The App-V client is the end-point software which streams the application on to device from Publishing Server.

In XenDesktop 7.5, administrator can publish App-V sequences or applications to delivery groups using the above components.

Firstly, you need to define the App-V Management Server and Publishing Server (URLs) in Citrix Studio as illustrated in the following screenshot.







Zero-client application access with HTML5 Receiver

One of the most powerful enhancements to XenDesktop 7.5 is the ability to run applications and desktops in a browser, without installing any client software on the end-point. The HTML5 Receiver for XenDesktop 7.5 delivers a rich graphical user-experience using the Deep Compression technology from the native Receiver. For mobile work styles, the HTML5 Receiver is a very important and useful tool.

Three easy steps get you ready to use Receiver for HTML5 in XenDesktop 7.5 environment

- 1. Enable Receiver for HTML5 in Citrix StoreFront
- 2. Enable ICA WebSockets in Citrix Group Policy
- 3. Test Desktop launch from a compatible browser and client

Detailed instructions are provided in Administrator's Guide or the <u>Reviewer's Guide for HTML5 Receiver</u> on Citrix.com

Hybrid Cloud Provisioning

The integrated platform for provisioning hybrid clouds using XenDesktop and XenApp enables IT admins to deliver a complete range of apps and desktops, whether in the private cloud or in the public cloud, while consolidating management, monitoring and maintenance tasks.

- The private cloud is the collection of on premise infrastructure, desktops, applications and data delivered on demand by enterprise IT. Private clouds can also be hosted off-premise. In this case, a service provider offers a portion of its public infrastructure for exclusive use by a single customer, also known as a tenant.
- The public cloud is the collection of off-premise, multi-tenant infrastructure, storage and computing resources, as well as SaaS applications and data, which are delivered on demand by external cloud service providers. Public clouds allow multiple customers, or tenants, to share the underlying resources with each paying only for the resources it consumes.

XenDesktop 7.5 and XenApp 7.5 support multiple cloud platforms such as Amazon Web Services (AWS), Citrix CloudPlatform, all major hypervisors, and more.

Here are the high level steps to set up Amazon Web Services (AWS) with XenApp and XenDesktop.

Prerequisites

Before you begin, perform these tasks:

- Create an Amazon Web Services account and ensure that you have:
 - AWS credentials for the AWS account.
 - AWS Identity and Access Management (IAM) set up for the account. IAM lets you create
 and manage AWS users and groups, and use permissions to allow and deny their access
 to AWS resources.
- Through AWS MarketPlace, subscribe to Citrix NetScaler VPX. The NetScaler VPX provides the NetScaler Gateway functionality.
- Have access to a Virtual Private Cloud (VPC), which is required to integrate with AWS.
- Have access to a Windows Domain either on-premises using a VPN or CloudBridge functionality, or located within the VPC.

Components Set up

- Set up the Delivery Controller
- Set up NetScaler VPX
- Set up StoreFront
- Configure and set up a master image VDA

• Set up machine catalogs and Delivery Groups

More details on setting up hybrid cloud provisioning are available on <u>Citrix eDocs</u> articles.

AppDNA Trial

Now Included with XenApp and XenDesktop Platinum

Citrix AppDNA software trial is valid for 30 days. The trial includes an unlimited number of applications, visibility of overall application compatibility, application migration effort calculation, and detailed application compatibility and remediation for 5 MSI applications and 5 web applications.

To get started with the AppDNA trial, follow the steps below.

Step 1 - Prerequisites

- Microsoft SQL must be installed prior to installing AppDNA. You can <u>download Microsoft SQL</u> Server Express for free.
- For detailed product documentation, please see <u>Citrix eDocs</u>.

Step 2 - Software Downloads

- Select the appropriate package from the Download section above.
 - o AppDNA Quick DB Use with a fast internet connection.
 - AppDNA Use with a slower internet connection.

Step 3 - Getting Started

- 1. After the AppDNA download is complete, double click on the AppDNA installer from the download location.
- 2. Once the installation is finished, **Configure AppDNA** will automatically launch to complete the configuration.
- 3. Microsoft SQL Server configuration details are required to complete the next step. Provide **Configure AppDNA** with these details including address, administrator login and password (if defaults have been used elsewhere, only the address will need to be supplied).
- 4. For a trial configuration, you may choose all the default parameters. IIS is not necessary for a trial configuration.
- 5. When **Configure AppDNA** application finishes successfully, click on the AppDNA application in the START menu and login. The default login is "administrator" and default password is "apps3cur3".
- 6. If you did not choose the Quick DB option, you may need to wait for the loading of the OS images to finish before continuing.
- 7. **IMPORT AND ANALYZE** will display in the left-hand pane of the first AppDNA screen. Click on **Applications** under the **Import** heading to start importing your first applications. After importing one or more applications, click **ANALYZE**, then view the resulting reports. The run time for the import and analyze steps will vary depending on how many applications you choose and the speed of your machine.
- 8. The trial license is valid for 30 days. Import an unlimited amount of applications for testing, then remediate 5 MSI applications and 5 web applications. Choose applications to analyze which are the most important to your organization. One trial license per organization for 30 days.

Step 4 - Additional Information

- How does <u>AppDNA</u> work?
- Learn more about accelerating application migration projects using AppDNA
- Learn how to use AppDNA for several common application migration scenarios
- Subscribe to AppDNA blogs
- Visit the <u>AppDNA support forum</u>

About the author

Mayunk Jain is a Technical Marketing Manager with the desktop and application virtualization group at Citrix. His responsibilities include competitive intelligence and creation of technical collateral such as product demos, performance benchmarks, and white papers. Based in the Bangalore (India) innovation center, he is keenly involved in training and business development activities within APAC and EMEA.

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About Citrix

Citrix Systems, Inc. (NASDAQ:CTXS) is the company transforming how people, businesses and IT work and collaborate in the cloud era. With market-leading cloud, collaboration, networking and virtualization technologies, Citrix powers mobile workstyles and cloud services, making complex enterprise IT simpler and more accessible for 260,000 enterprises. Citrix touches 75 percent of Internet users each day and partners with more than 10,000 companies in 100 countries. Annual revenue in 2011 was \$2.21 billion. Learn more at www.citrix.com.