



Startup Guide for Dell Wyse vWorkspace® & Microsoft Azure®

Dell Engineering
September 2015

A Dell Deployment and Configuration Guide

Revisions

Date	Description
Sep 2015	Initial release

THIS DOCUMENT IS FOR INFORMATIONAL PURPOSES ONLY, AND MAY CONTAIN TYPOGRAPHICAL ERRORS AND TECHNICAL INACCURACIES. THE CONTENT IS PROVIDED AS IS, HARDWARE SELECTIONS CONTAINED WITHIN ARE FROM THE BASIS OF BEST WITHOUT EXPRESS OR IMPLIED WARRANTIES OF ANY KIND.

Copyright © 2015 Dell Inc. All rights reserved. Reproduction of this material in any manner whatsoever without the express written permission of Dell Inc. is strictly forbidden. For more information, contact Dell.

Dell, the Dell logo, and the Dell badge are trademarks of Dell Inc. Microsoft and Windows are registered trademarks of Microsoft Corporation in the United States and/or other countries. Other trademarks and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Dell Inc. disclaims any proprietary interest in trademarks and trade names other than its own.

Contents

- Revisions..... 2
- 1 Introduction 2
 - 1.1 Summary..... 2
 - 1.2 Pre-Requisite :..... 3
 - 1.3 Solution Configuration 7
 - 1.3.1 Configure Database..... 7
 - 1.3.2 Licensing 10
 - 1.3.3 Alternate IP Addressing for Azure..... 15
 - 1.3.4 Web Access 18
 - 1.3.5 WebAccess Configuration 19

1 Introduction

1.1 Summary

Dell Wyse vWorkspace is Dell's connection broker software for enabling application and desktop virtualization (VDI). It is simple, flexible, scalable and cost-effective.

In particular, vWorkspace supports **flexible delivery options** such as cloud-hosted and client-hosted desktop virtualization technologies. These options enable you to choose the optimal delivery mechanism to be used to matter the use case. These technologies can be cloud-hosted (RDSH, Windows or Linux VDI) on your private cloud (in your on-premise datacenter) or on a **public cloud like Microsoft Azure**. They can also be client-hosted, leveraging OS image streaming (WSM), to take advantage of the processing power of the end point and minimize disruption in case of WAN failure.

The purpose of this document is to capture all the installation details of vWorkspace 8.6 on the Microsoft Azure public cloud and to outline the detailed configuration process.

The benefits of running remote desktop sessions with vWorkspace from the Azure Marketplace are:

- Set up virtual sessions in minutes
- If you're a service provider, get started quickly and use as a POC to quickly demo vWorkspace to final customers
- No VDI expertise required by the IT administrator
- No investment needed in infrastructure
- Very easy for the end user to connect using only an email address (no complicated settings)
- Compatible with any endpoint device (Windows, Apple, Android, Linux), including those running Google Chrome OS or using any HTML5-capable web browser
- Pay-per-use
- With vWorkspace, you have power management capabilities so you can turn on/off RDSH in Azure. Because Azure charges are per minute, you only pay for the sessions that you actually run, driving down usage costs for service providers

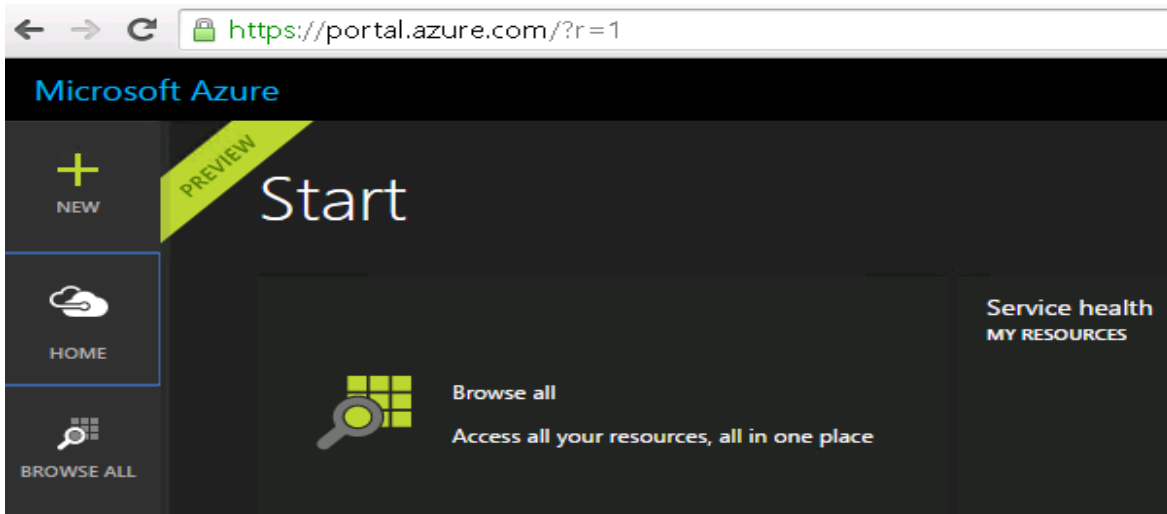
Running application and desktop virtualization with vWorkspace on Azure is ideal for service providers and for very small Businesses.

1.2 Pre-Requisite :

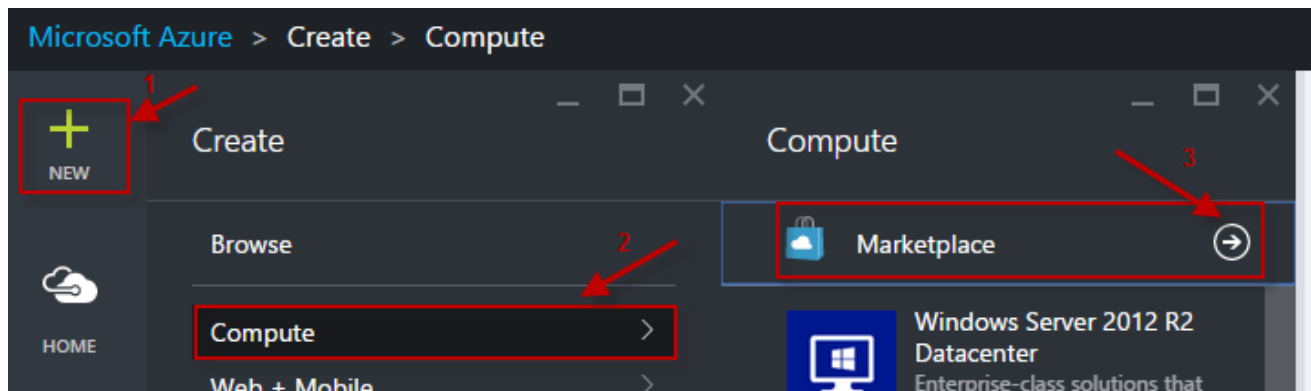
- RDS CAL's are not included. You will need to buy these licenses.
- vWorkspace 8.6 comes with 5 evaluation licenses out of box. If you want to support more than 5 Users then additional licenses can be purchased from the [Dell Store](#) or from the [Dell Sales Team](#).

Create and configure vWorkspace image on Azure compute

1. Go to <https://portal.azure.com> Login to azure preview portal

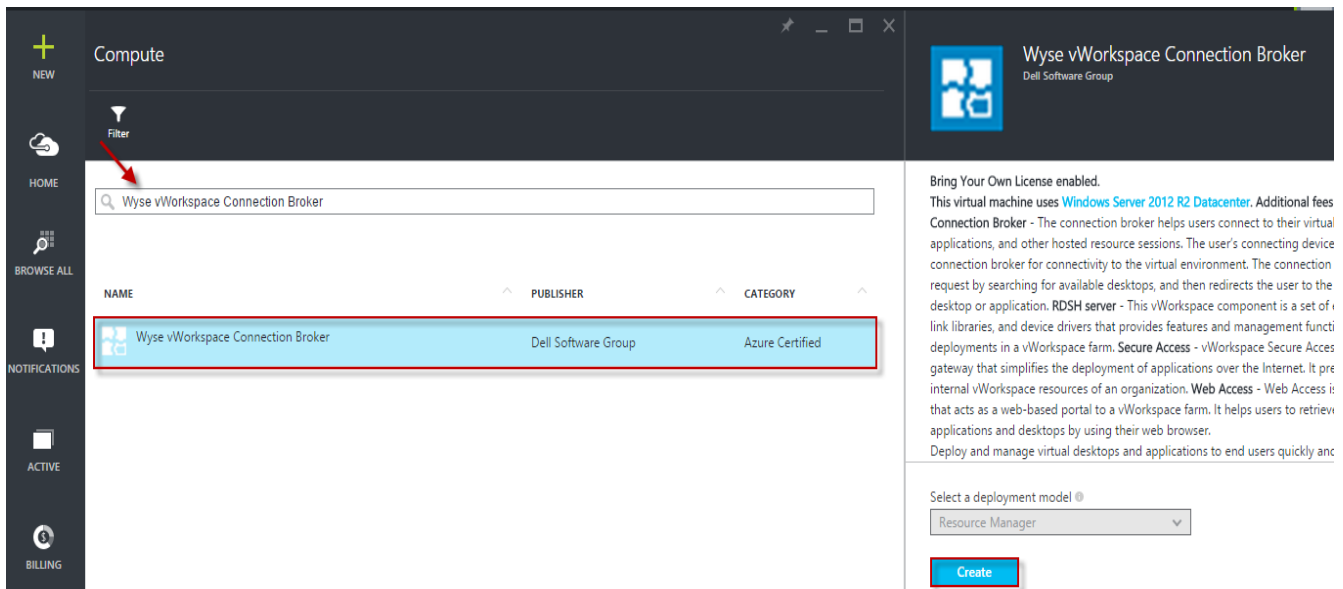


2. Login to the Azure preview portal. Click on New→Compute→Marketplace

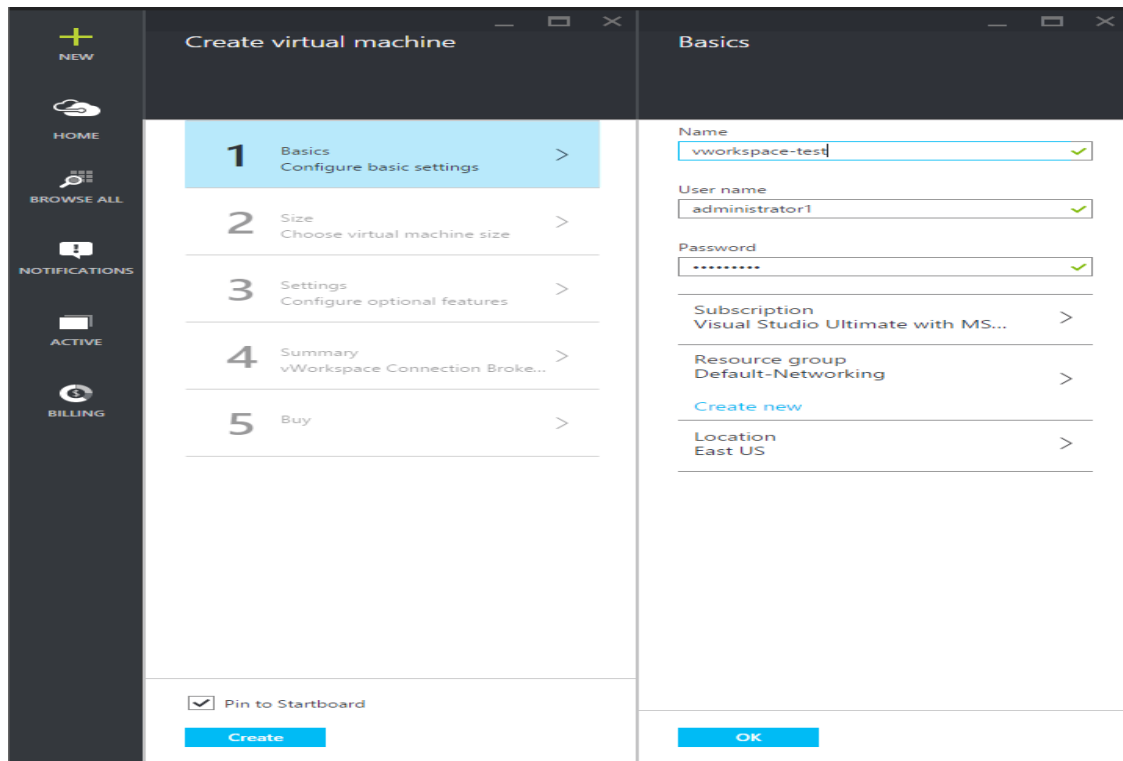


3. Search for the Wyse vWorkspace broker image in Azure Market Place and click enter.
 - Select Wyse vWorkspace Connection Broker

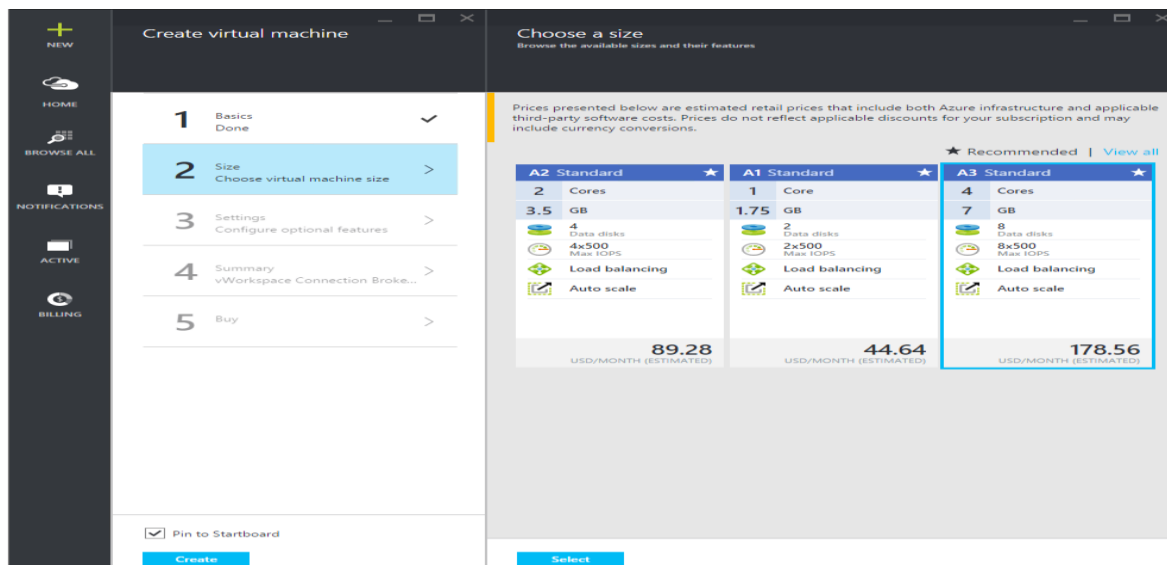
- Click on Create to proceed



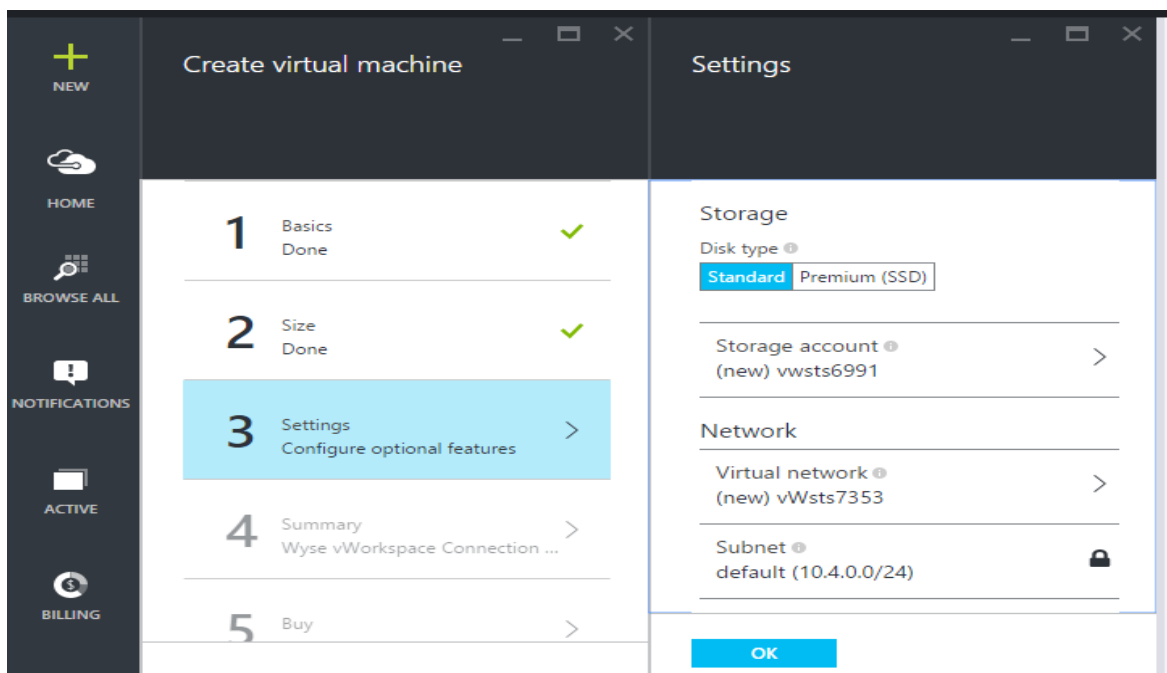
4. Fill out the fields with the appropriate information and click OK.



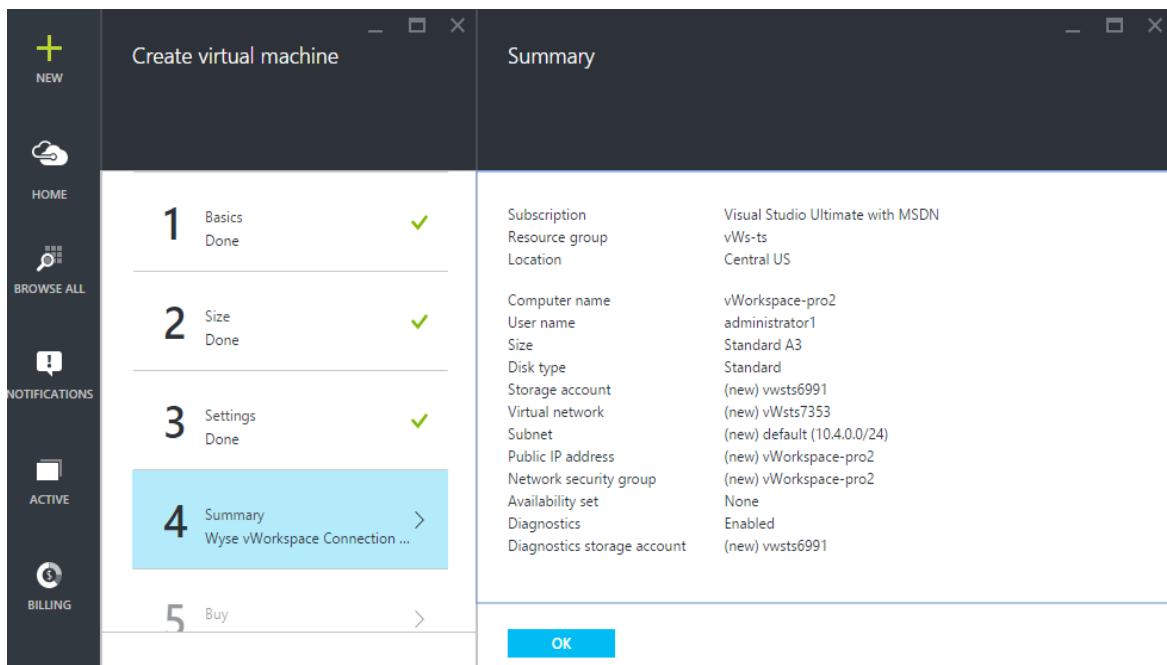
5. Select the VM size and proceed.



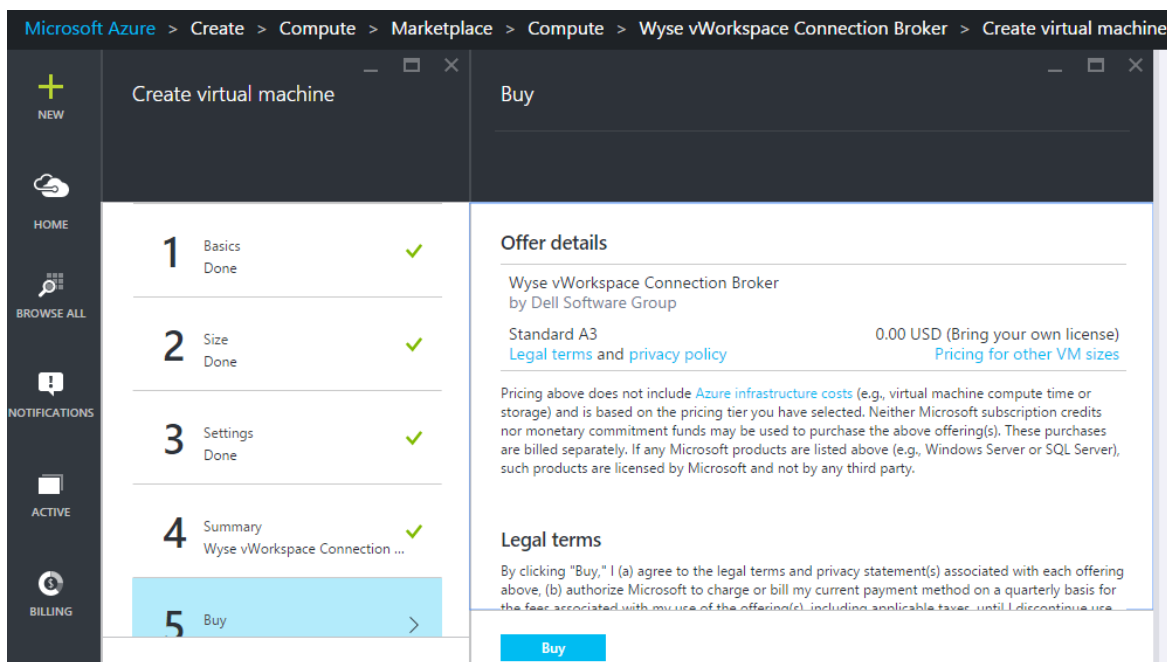
6. Fill out Storage & Network information and click OK.



7. Verify the image Summary and click OK.



8. Click Buy to create your VM.



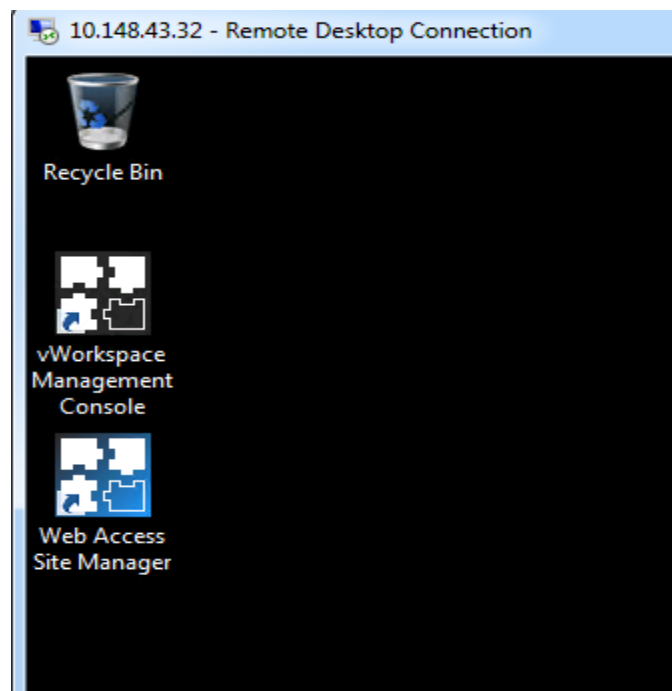
1.3 Solution Configuration

After downloading the vWorkspace image from the Azure Marketplace the next step is to configure the database. This configuration supports only RDSH-based connections and non-domain joined connections. If you would like to use AD, please configure an AD virtual machine on the Azure portal or connect your on-premise AD to Azure.

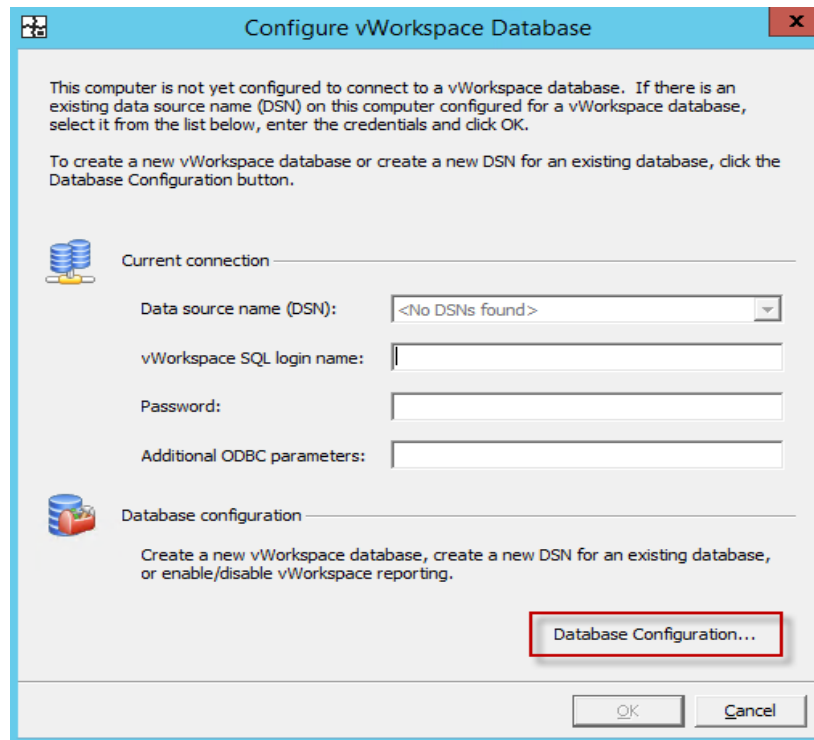
1.3.1 Configure Database

Below are the screen shots of the configuration process that has to be done after powering on the vWorkspace image:

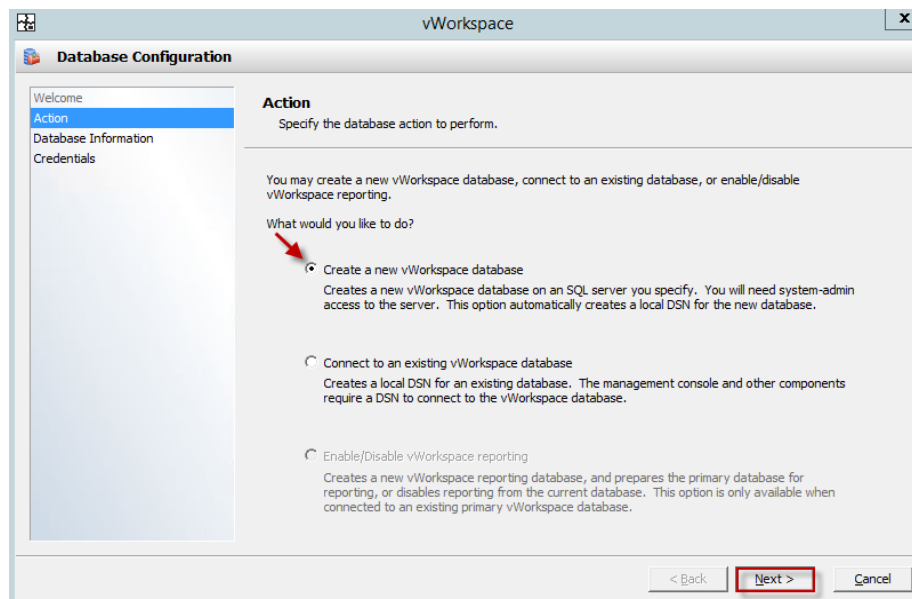
1. Click on vWorkspace Management console app on the desktop
- 2.



3. Click on Database Configuration tab as shown below to configure the database



4. Select Create a new vWorkspace database option and proceed to next step



- Fill out the information below and proceed to next step. SQL server name typically is the name of the virtual machine\SQL express instance name which is **SQLEXPRESS**

The screenshot shows the 'Database Configuration - Create a new vWorkspace database' window. The 'Database Information' tab is selected in the left sidebar. The main area contains the following fields:

- Database Information**
Specify the SQL server, database, and other information.
- Enter the SQL server on which to create the new primary vWorkspace database, the new database name, and the new DSN information.
- New database:**
 - Server name: SQL-POST-TEST2\SQLEXPRESS
 - Database name: vWorkspace_Database
- New data source name (DSN):**
 - Name: vWorkspace_Database
 - Description: vWorkspace_Database

At the bottom right, there are three buttons: '< Back', 'Next >' (highlighted with a red box), and 'Cancel'.

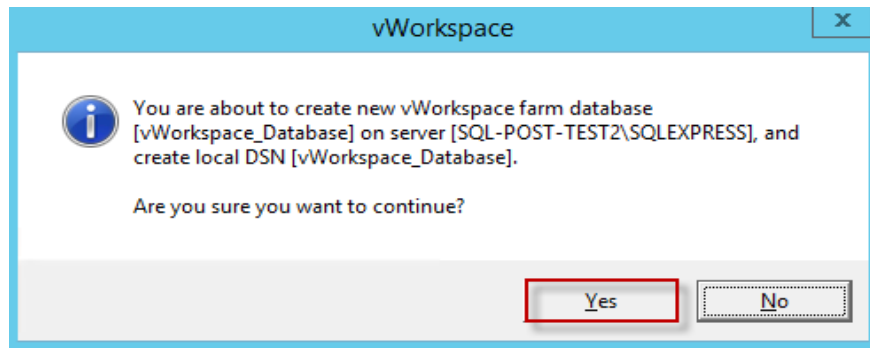
- Enter the required credentials and proceed to next step. The default sa password is **Password1**

The screenshot shows the 'Database Configuration - Create a new vWorkspace database' window. The 'Credentials' tab is selected in the left sidebar. The main area contains the following fields:

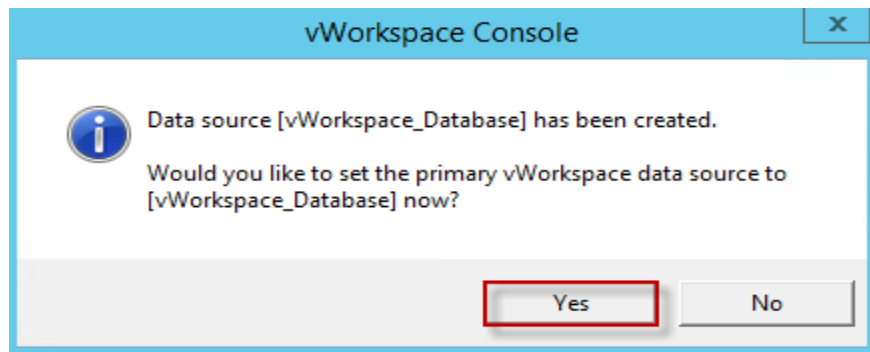
- Credentials**
Specify the credentials for the database actions.
- Specify an existing SQL admin login for server [SQL-POST-TEST2\SQLEXPRESS], and a new vWorkspace SQL login to create. Note that if the new vWorkspace SQL login already exists, the existing login will be used and the password specified below must be correct.
- Existing SQL admin login:**
 - Login name: sa
 - Password: (masked with dots)
- New vWorkspace SQL login:**
 - Login name: PNAdmin
 - Password: (masked with dots)
 - Confirm Password: (masked with dots)

At the bottom right, there are three buttons: '< Back', 'Finish' (highlighted with a red box), and 'Cancel'.

7. Click Yes and proceed to next step.



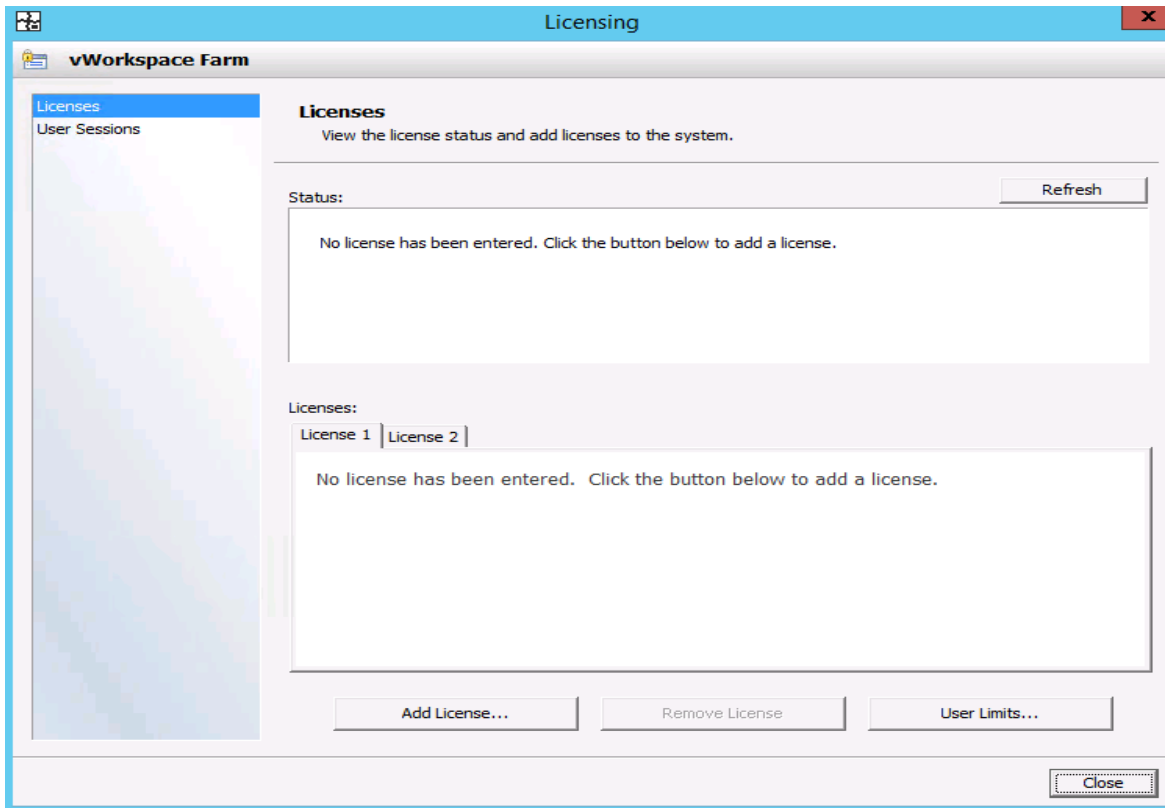
8. Click Yes to proceed and finish the configuration.



1.3.2 Licensing

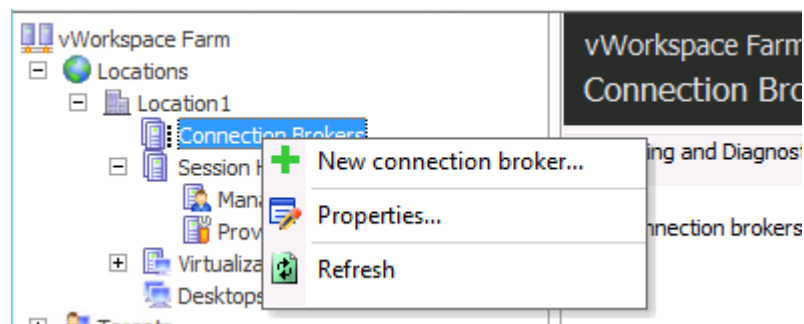
Note: The vWorkspace 8.6 instance comes with 5 evaluation licenses out of the box. If needed, additional licenses can be purchased.

1. You can click on Close to start with the evaluation licenses

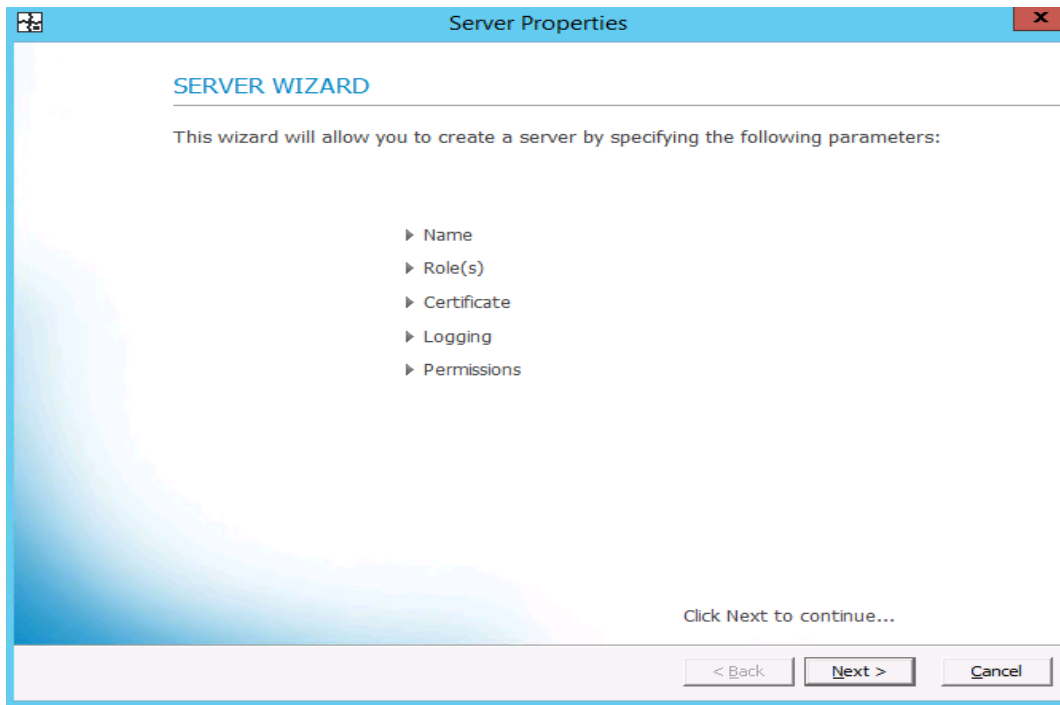


Add Connection Broker & Terminal Server

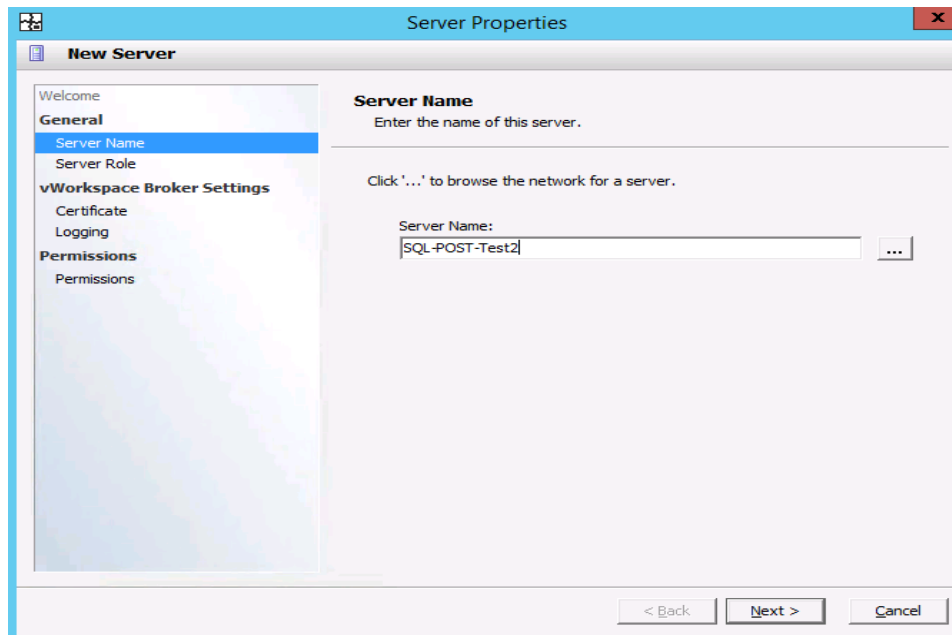
1. After the database is configured you need to add a Broker and RDS Host to the farm. To do this open the vWorkspace Management Console and expand Locations→ Right click on Connection Broker → Click New connection broker.



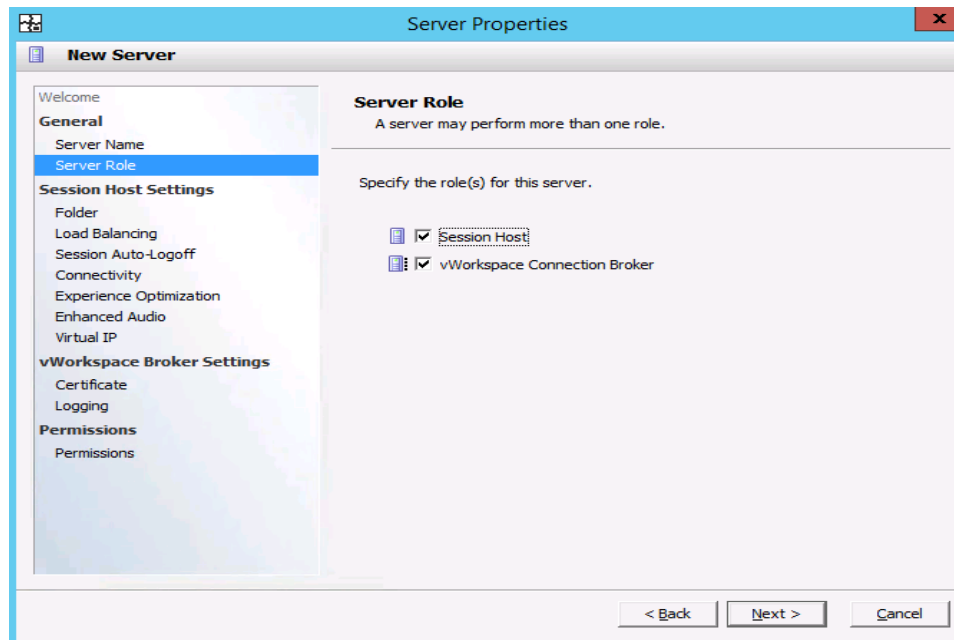
2. Click Next



3. Enter the server name which typically is the NETBIOS name of the VM in this scenario.



4. Select both Session Host and Connection Broker roles and proceed to next step



5. Go to Connectivity and enter the alternate IP address. You can grab the Public IP address from the Azure portal, shown below:

Essentials ^

Resource group
DSG-Azure-vws

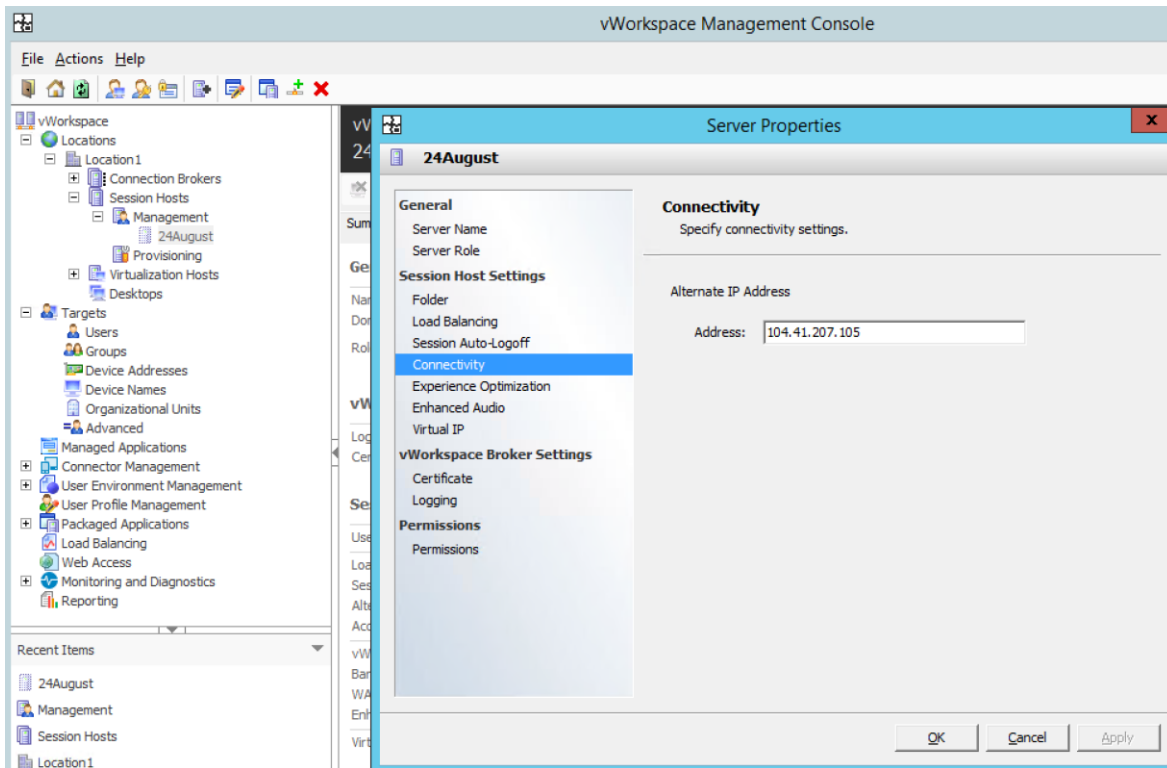
Status
Running

Location
North Europe

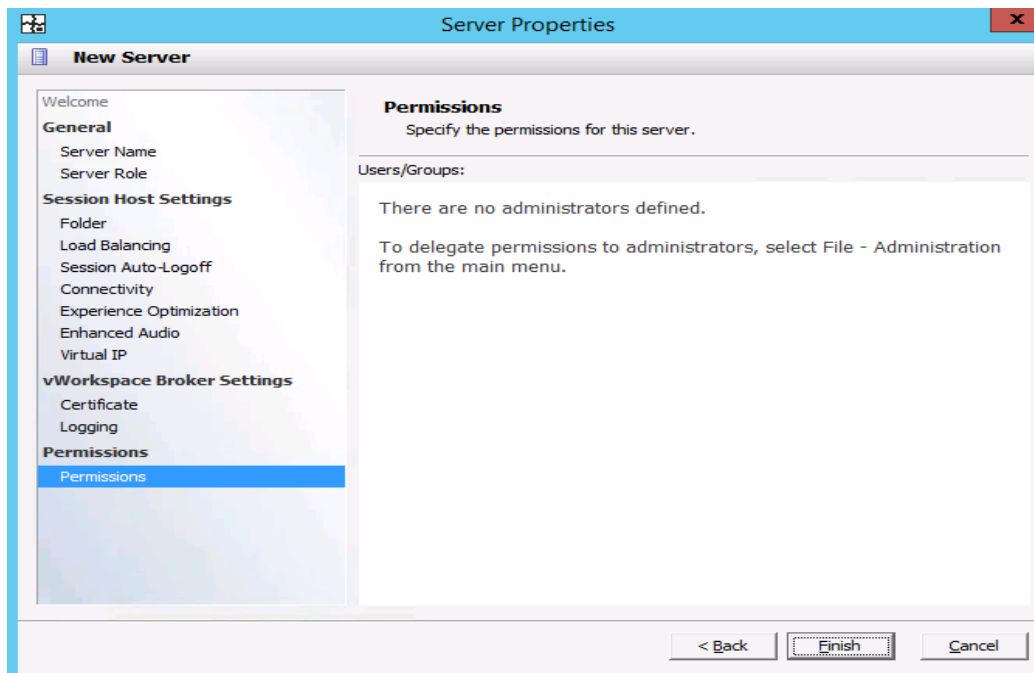
Computer name
24August

Public IP address
104.41.207.105

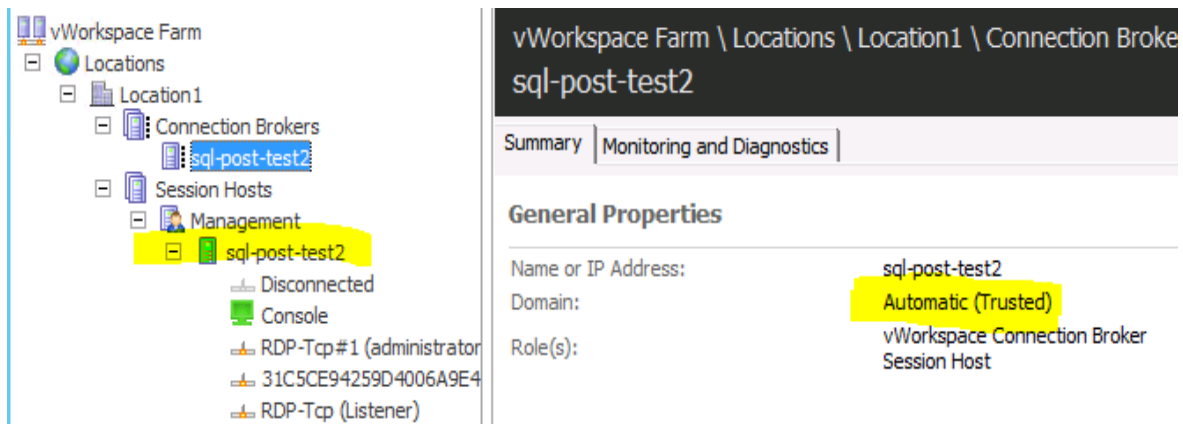
Virtual network/subnet
VWS/VWS



6. Continue with defaults until you see the screen below to finish the setup:



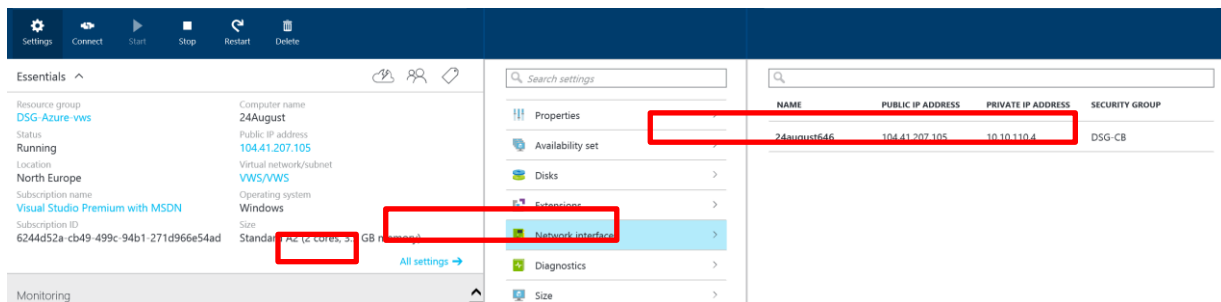
- After finishing the setup make sure that the Session host server is connected and both broker and session host servers are Trusted



1.3.3 Alternate IP Addressing for Azure

This configuration is only meant for POC environment.

- Open the portal and navigate to your server
- Select Network Interfaces
- Click on All settings
- Select Network interfaces



- Click on the network interface

IC IP ADDRESS PRIVATE IP ADDRESS SECURITY GROUP

IC IP ADDRESS	PRIVATE IP ADDRESS	SECURITY GROUP
11.207.105	10.10.110.4	DSG-CB

Resource group: DSG-Azure-vws
Location: North Europe
Subscription name: Visual Studio Premium with MSDN
Subscription ID: 6244d52a-cb49-499c-94b1-271d966e54ad

Virtual network/subnet: VWS/VWS
Public IP address: 104.41.207.105
Private IP address: 10.10.110.4
Network security group: DSG-CB
Attached to: 24August

Security rules: 4 inbound, 0 outbound
Associated with: 0 subnets, 2 network interfaces

All settings →

- Click on the Network Security Group
- Click on All Settings

Search settings

Security rules: 4 inbound, 0 outbound
Associated with: 0 subnets, 2 network interfaces

Properties
Inbound security rules
Outbound security rules
Network interfaces

PRIORITY	NAME	SOURCE	DESTINATION	SERVICE	ACTION
1100	https	Any	Any	TCP/443	Allow
1200	default-allow-rdp	Any	Any	TCP/3389	Allow
1300	http	Any	Any	TCP/80	Allow

- Click on Inbound security rules
- Click +Add

Add 2 rules for http (**port 80**) and one for the vWorkspace Data Collector on **port 5203**

Add inbound security rule

DSG-CB

Name

vWsDataCollector ✓

Priority ⓘ

1200 ✓

Source

Any

CIDR block

Tag

Protocol

Any

TCP

UDP

Source port range ⓘ

*

Destination IP address range ⓘ

*

Destination port range ⓘ

5203 ✓

Action

Allow

Deny

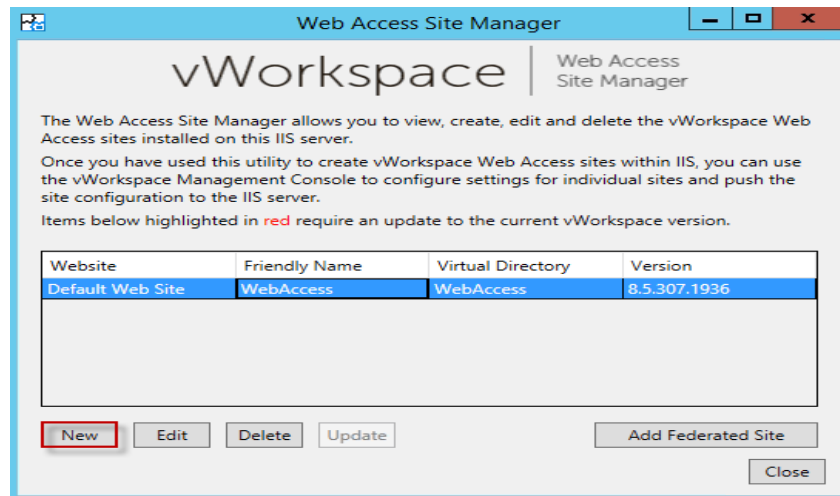
OK

1.3.4 Web Access

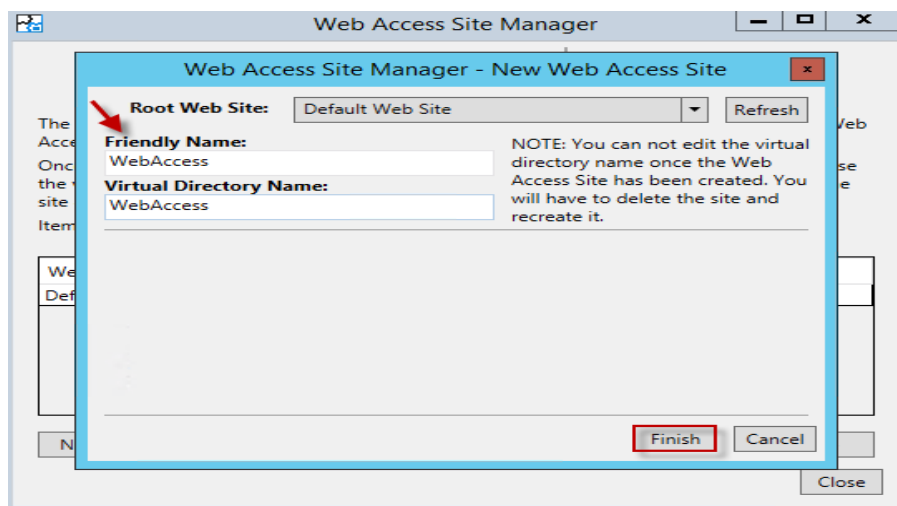
Before you start configuring the Web access you need to create a web site which you want to publish. That can be done through Web Access Site Manager. Click on the Web Access Site Manager icon on your desktop or open the Web Access Site Manager

Create Website:

1. Click on New to create a new web site. As shown below I have created a new Web Site with name "WEBACCESS"



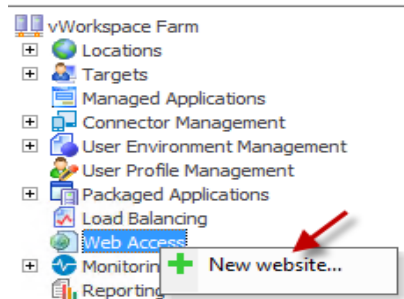
2. Enter Website Name and click Finish



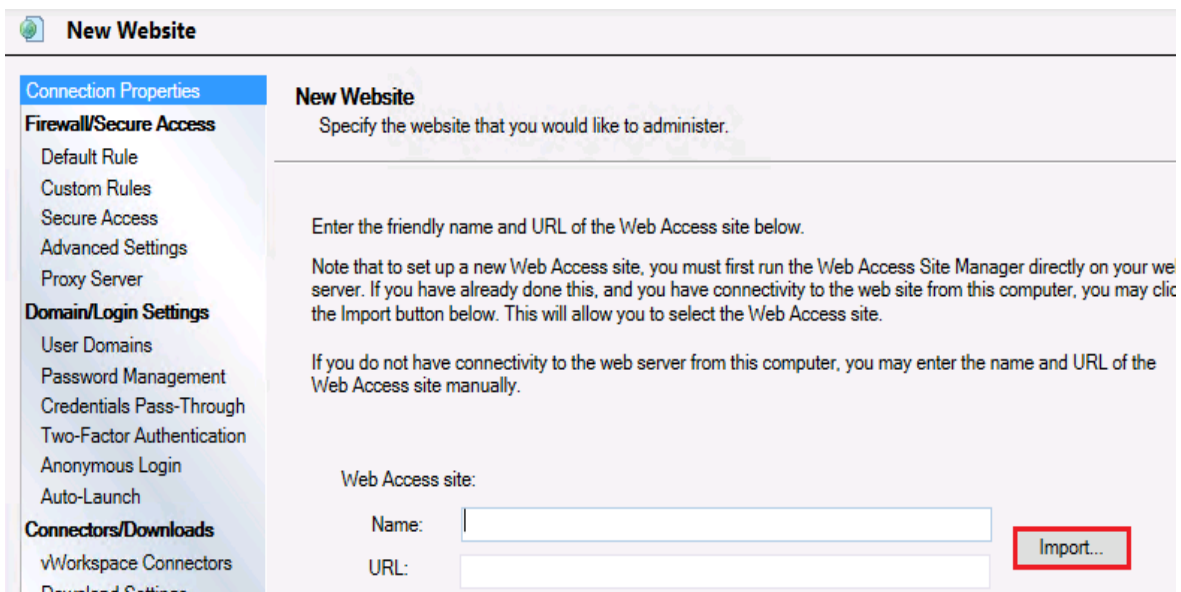
3. Close the Wizard after you are done and proceed to next step and configure WebAccess

1.3.5 WebAccess Configuration

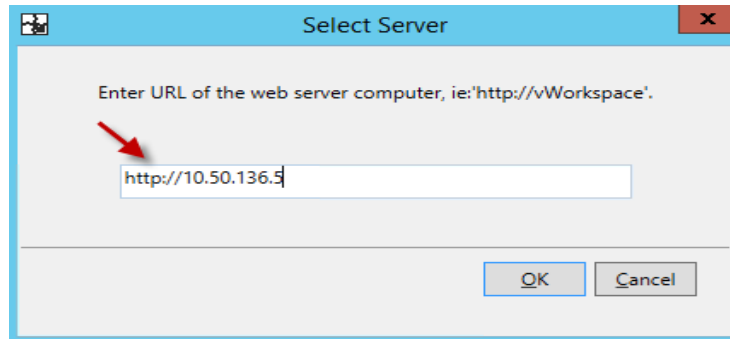
1. In the Management Console, right click on Web Access and click New website



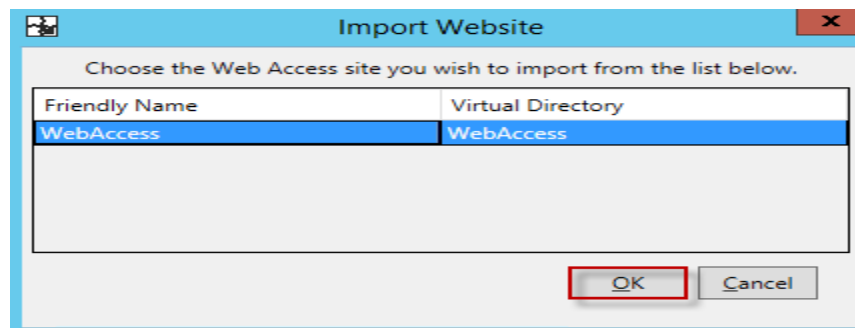
2. Click on **Import**



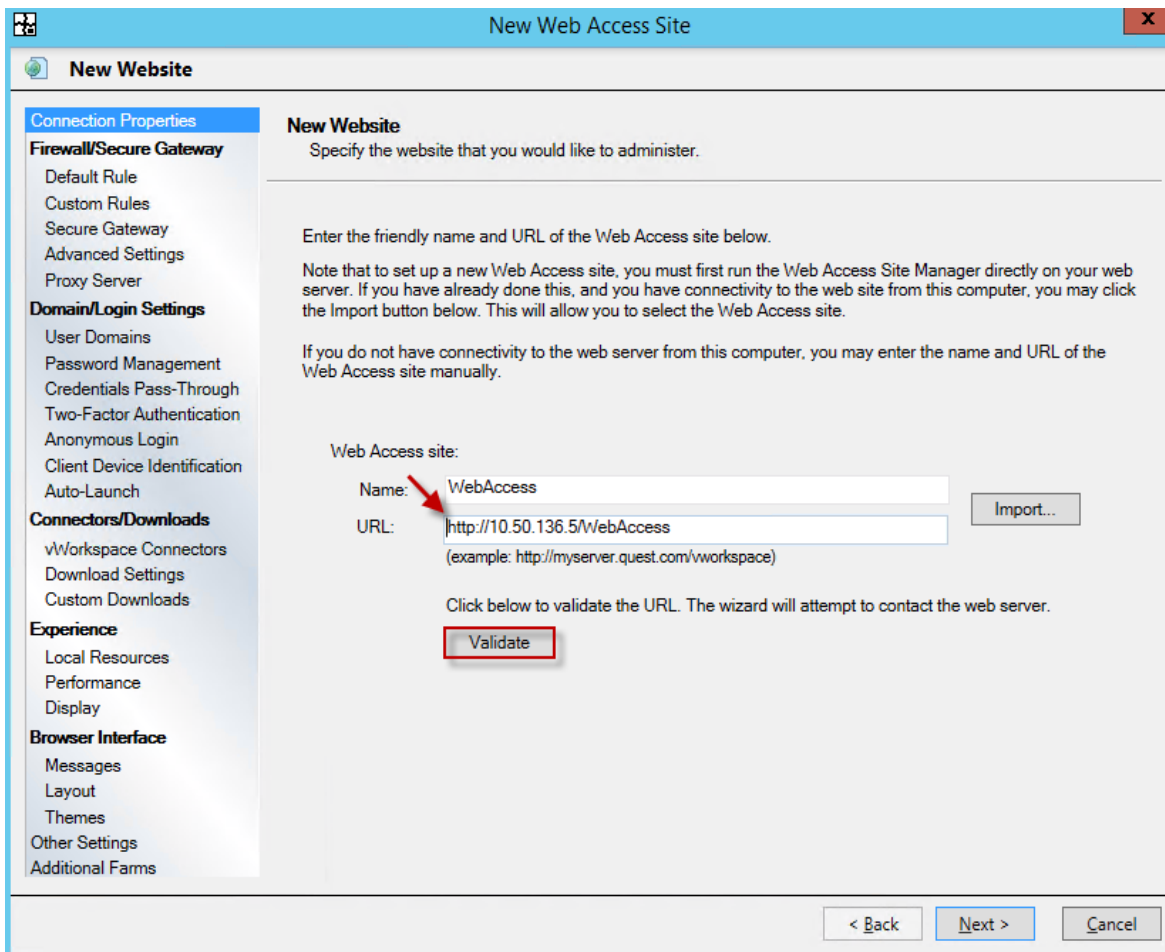
3. Enter the FQDN or IP address of the Web Access server where we have installed the Web Access Role with "http://" Prefix and click OK



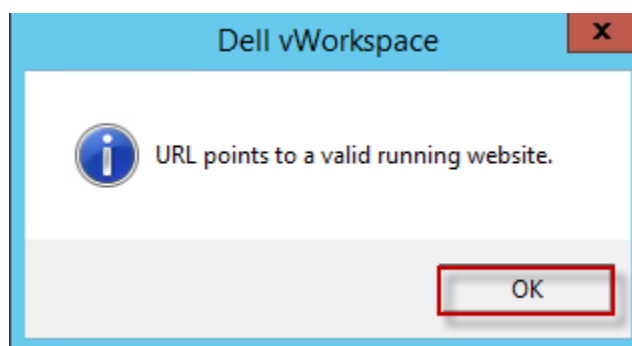
4. Web Access Manager will send a query and displays all available Web Sites. Choose the web site you want to import and click OK



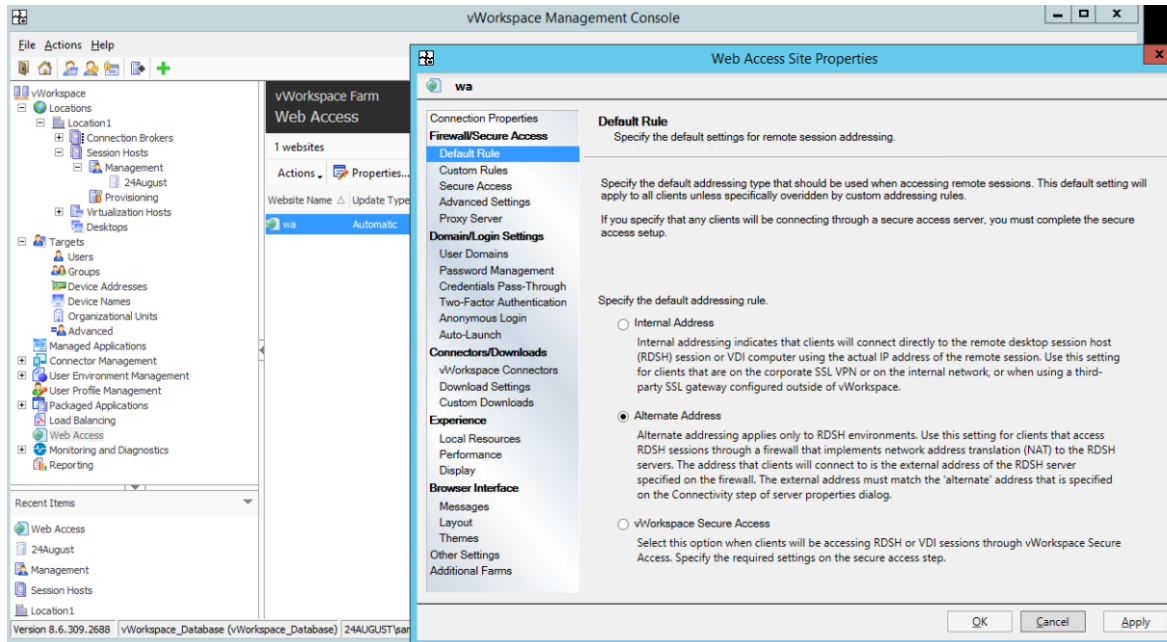
5. As shown below the details are now imported, you can validate the connection by clicking the Validate button to see if the site is reachable. Click Next after validating



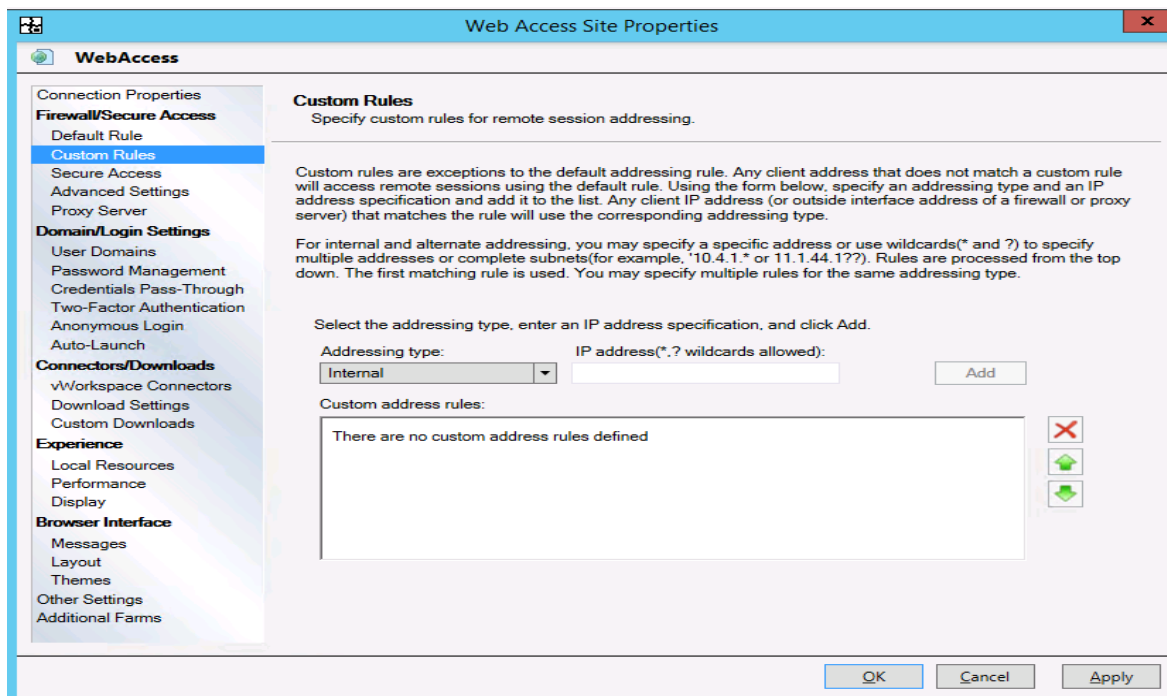
6. Click Ok and continue



7. You will be connecting to the environment via an alternate address. So select Alternate Address below:



8. Click Next.



9. Leave Defaults and click Next.

The screenshot shows the 'New Web Access Site' wizard with the 'Secure Access' tab selected. The left sidebar lists various configuration categories: Connection Properties, Firewall/Secure Access (with sub-items: Default Rule, Custom Rules, Secure Access, Advanced Settings, Proxy Server), Domain/Login Settings (with sub-items: User Domains, Password Management, Credentials Pass-Through, Two-Factor Authentication, Anonymous Login, Auto-Launch), Connectors/Downloads (with sub-items: vWorkspace Connectors, Download Settings, Custom Downloads), Experience (with sub-items: Local Resources, Performance, Display), and Browser Interface (with sub-items: Messages, Layout, Themes, Other Settings, Additional Farms). The 'Secure Access' section on the right contains the following text: 'Specify the settings for the Secure Access server.' and 'Specify the settings for vWorkspace Secure Access below. In addition to the settings here, you must configure secure access using its control panel applet on the secure access server.' There is an unchecked checkbox for 'Enable Secure Access'. Below it, a text box for 'Secure access server:' and a 'Port number:' text box are shown. Further down, a text box for 'Address:' is followed by an 'Add' button and a red 'X' icon. At the bottom, there are text boxes for 'External URL:' and 'Internal URL:'. Navigation buttons at the bottom right include '< Back', 'Next >', and 'Cancel'.

10. Enable NAT for Firewall traversal.

The screenshot shows the 'Web Access Site Properties' dialog box with the 'Advanced Settings' tab selected. The left sidebar is identical to the previous screenshot. The 'Advanced Settings' section on the right contains the following text: 'Specify advanced Web Access settings.' and a checked checkbox for 'Enable NAT for firewall traversal!'. Below the checkbox, a note states: 'Select this option if you have a secure access server in your DMZ, your IIS server is on an internal LAN and the DMZ is using NAT to the internal network. (This option is rarely used.)' At the bottom right, there are 'OK', 'Cancel', and 'Apply' buttons.

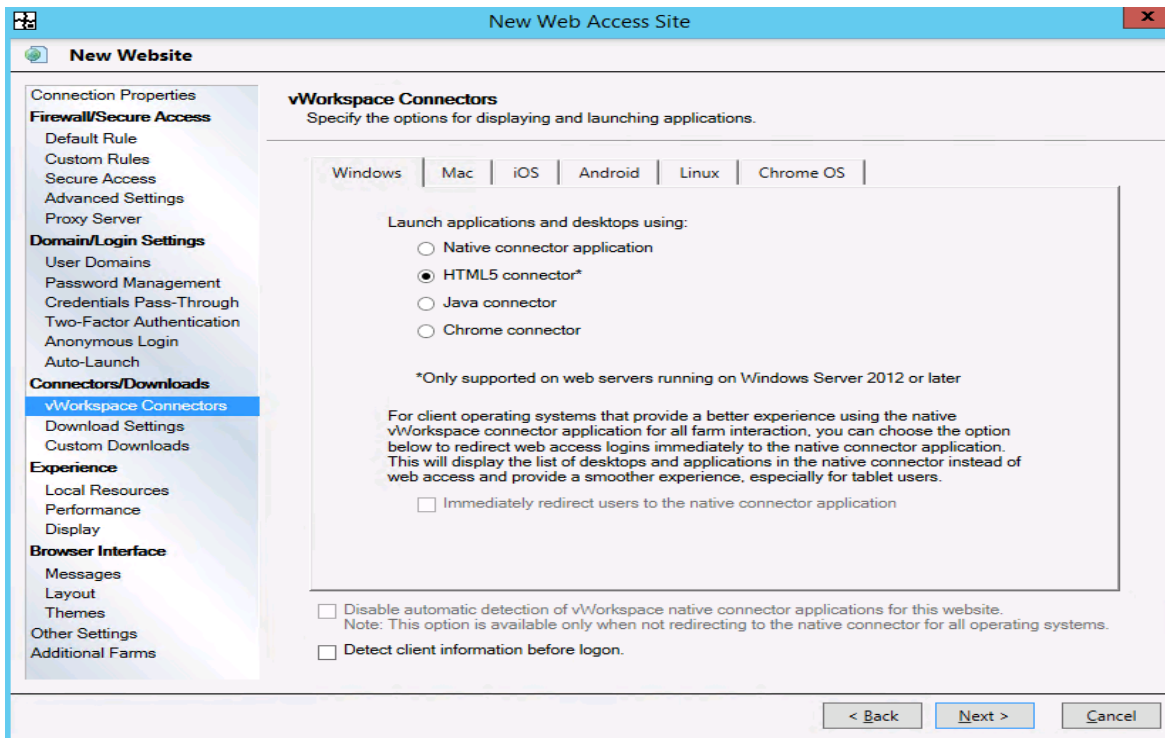
11. This option can be skipped as there is no DMZ server

The screenshot shows the 'New Web Access Site' wizard with the 'Proxy Server' tab selected. The left sidebar lists various configuration categories, with 'Proxy Server' highlighted under 'Domain/Login Settings'. The main area is titled 'Proxy Server' and contains instructions: 'Specify proxy server information for web access.' and 'If clients connect to vWorkspace sessions through a proxy server, specify the server information below. Generally, you would only specify proxy server settings for internal offices, where the vWorkspace Web Access server is in a DMZ and the internal office is using a proxy server.' There are three radio buttons: 'Do not use a proxy server' (selected), 'Use default from the system internet settings', and 'Enter an address manually (use the format: 'proxyserver:port')'. Below these is a text field for 'Proxy Server:'. Another text field is labeled 'Do not use proxy server for addresses beginning with:'. A note at the bottom says 'Use semi-colons (;) to separate entries'. At the bottom right are buttons for '< Back', 'Next >', and 'Cancel'.

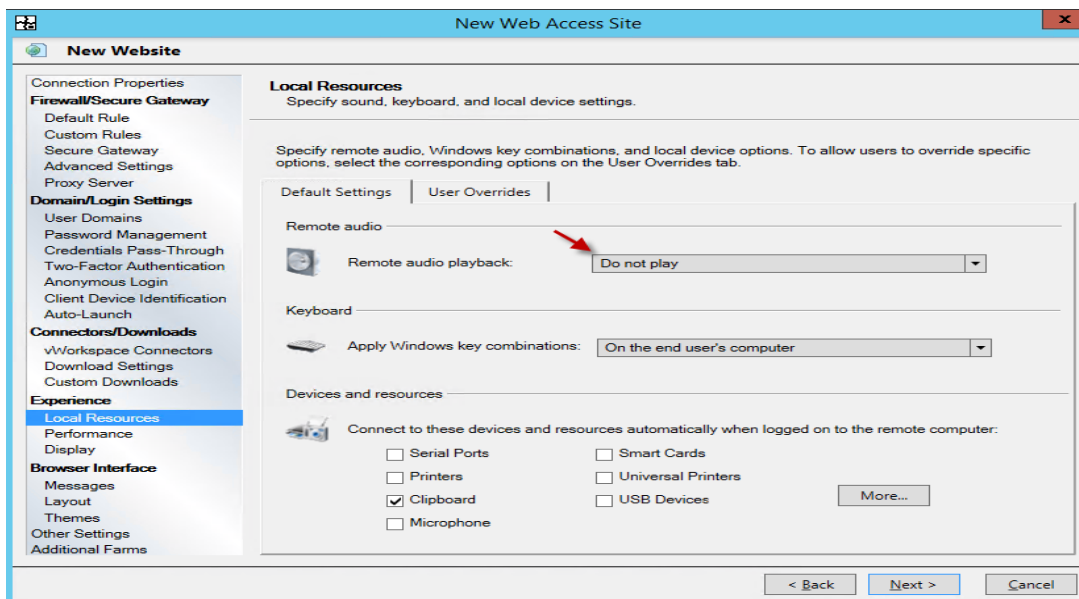
12. Enter the domain name and click **ADD**, Domain name in this scenario is the name of the VM

The screenshot shows the 'New Web Access Site' wizard with the 'User Domains' tab selected. The left sidebar lists various configuration categories, with 'User Domains' highlighted under 'Domain/Login Settings'. The main area is titled 'User Domains' and contains instructions: 'Specify the user domain settings.' and 'Specify the domains available for user authentication.' There is a text field for 'Domain' with an 'Add' button and a button with three dots. Below this is a list box containing the text 'There are no domains defined'. To the right of the list box are three buttons: a red 'X', a green up arrow, and a green down arrow. Below the list box is a section titled 'Specify how to use the domain(s) from the above list during login.' with two radio buttons: 'Attempt to login automatically to domains' and 'Allow user to select a domain' (selected). Below the second radio button is a note: 'The list of domains will be displayed on the login page, and the end user will be able to pick the domain to login to.' At the bottom, there is a note: 'Note: Users may enter a user principal name (UPN) during login (for example, someone@quest.com) which will override the domain settings specified here or on the login page.' At the bottom right are buttons for '< Back', 'Next >', and 'Cancel'.

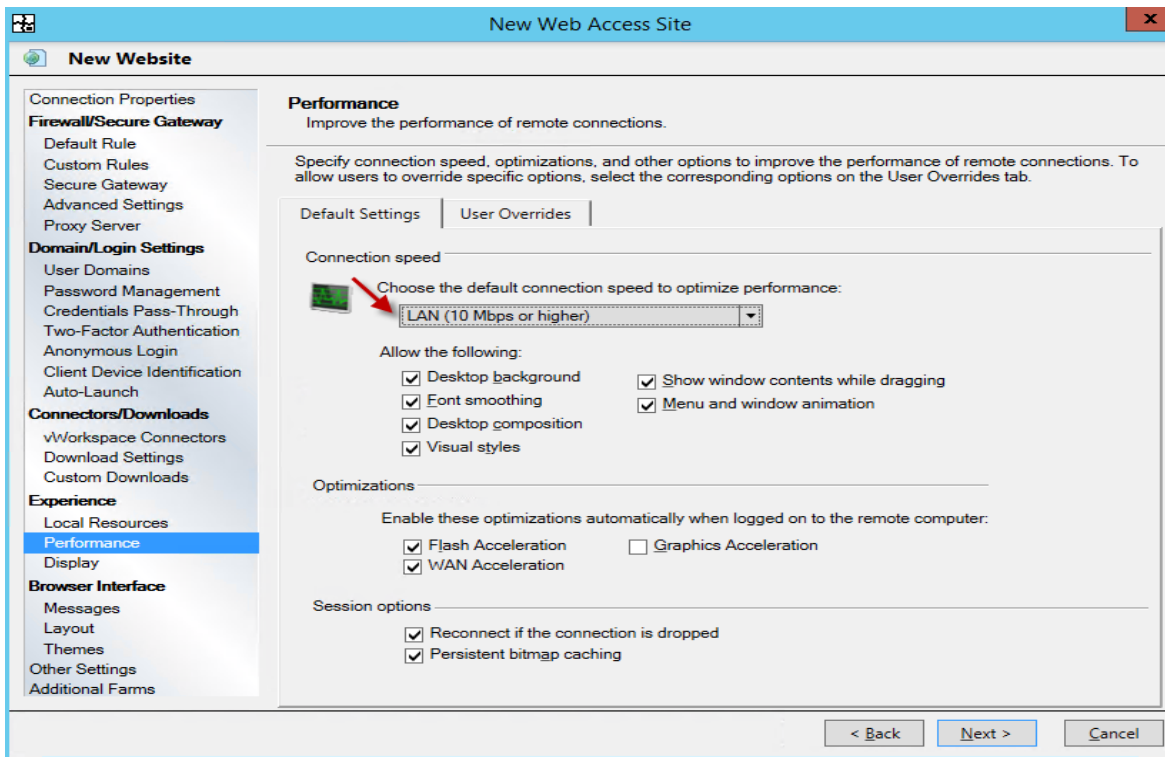
13. Use default settings until you see this screen where you can configure connectors. Choose **HTML5 connector**



14. Proceed with defaults until you see this screen. Change the audio playback controller as needed & click next

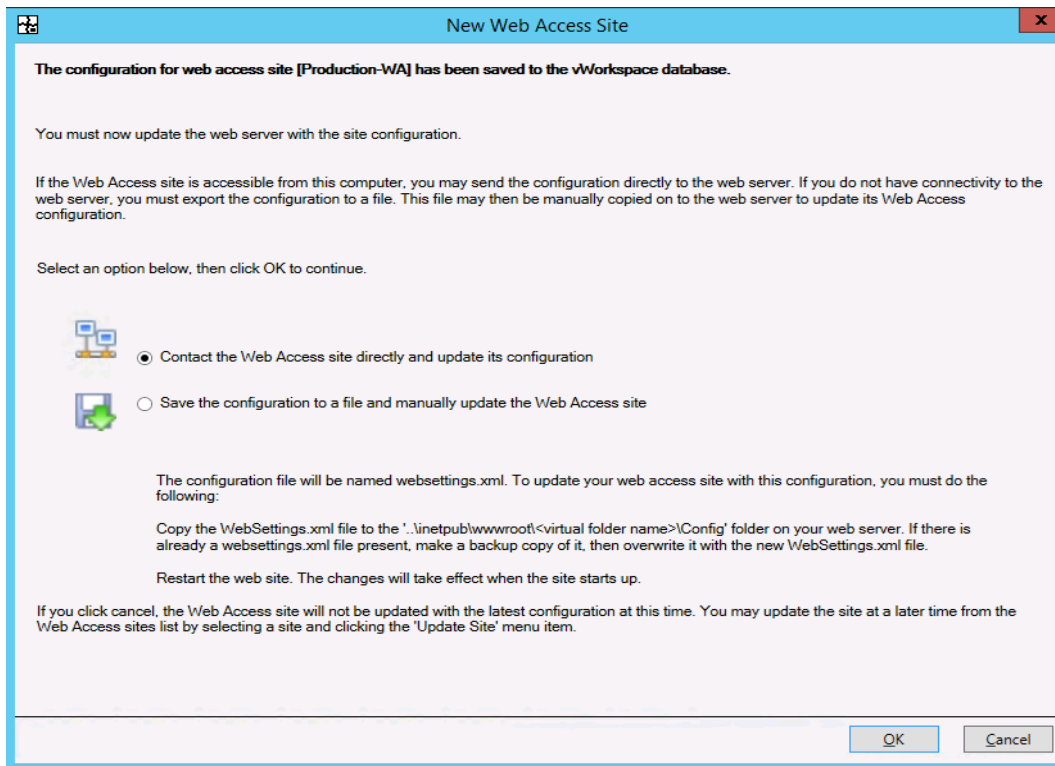


15. Change the Default LAN speed as show below and continue

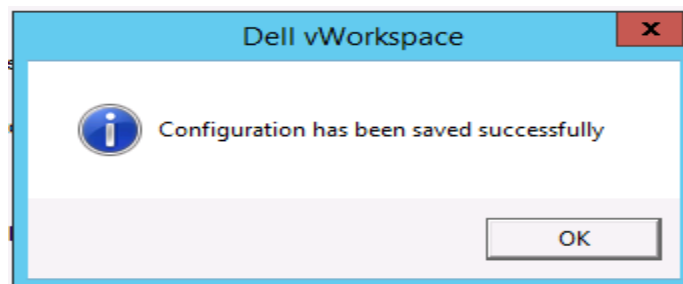


16. Continue with all default options to finish the configuration. Unless you need to configure different display configuration & custom layout for the site

17. Click OK to update the WebAccess configuration details



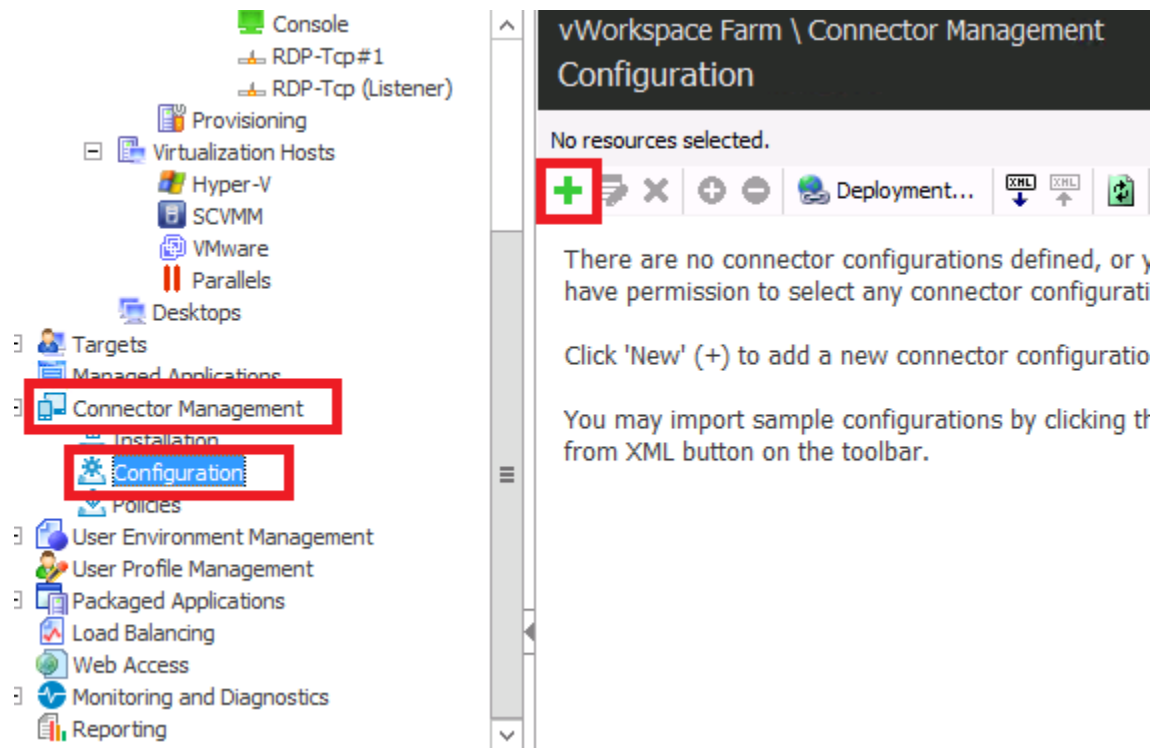
18. You will see a Pop-up up on a successful connection. Click OK to finish setup



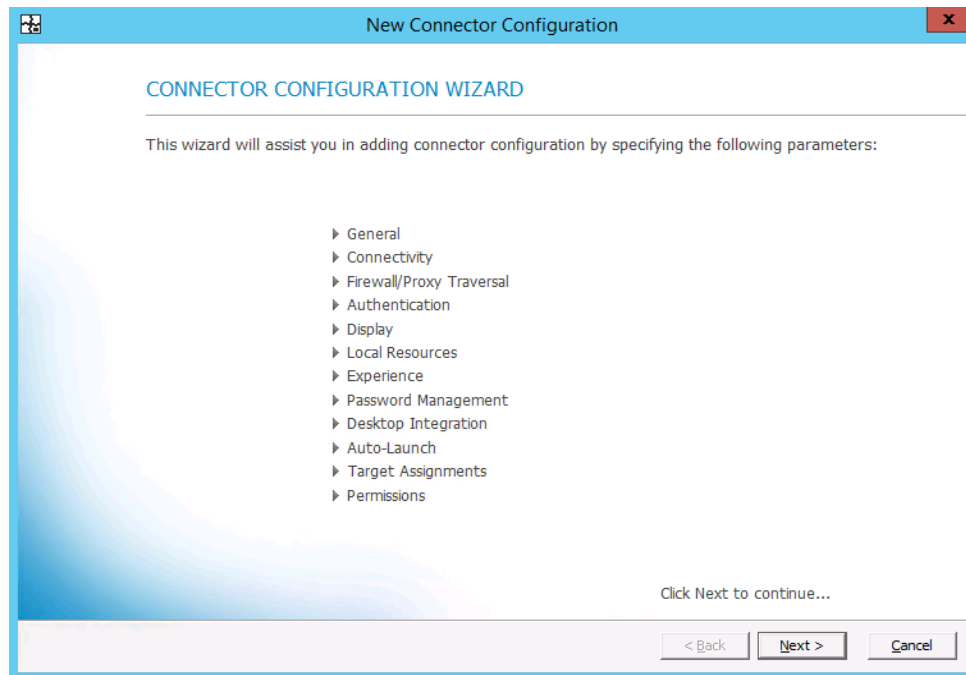
19. When logging into the vWorkspace web access site and clicking on the RDSH application, your connections will now use the public facing (external) IP address. This will not be secured so is more susceptible to attack, use for testing purposes only.

1.3.5 Connector Configuration

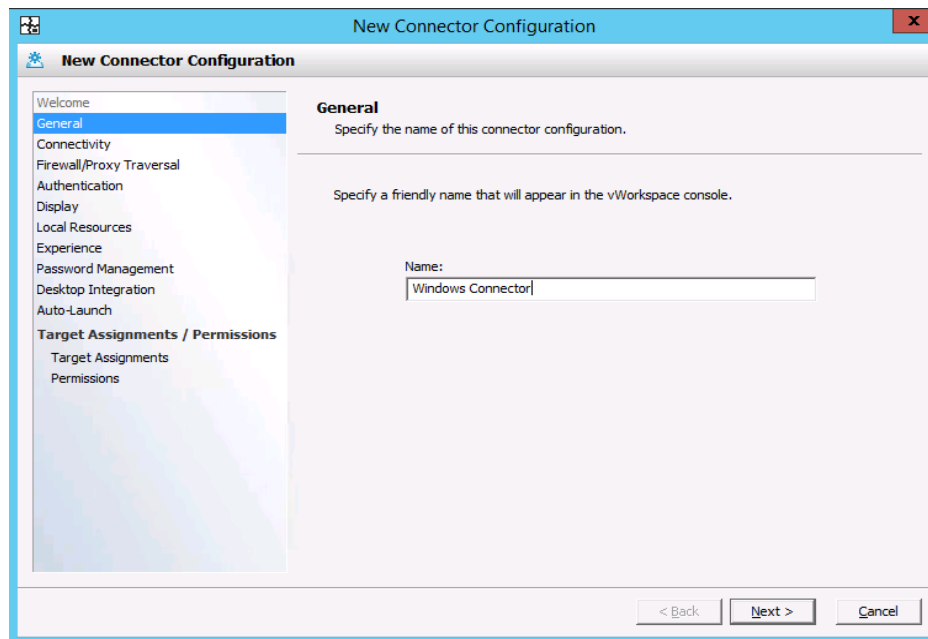
- 1 Go to Connector Management → Configuration and Click Add Button to add a new configuration.



2. Click Next



3. Give a Friendly Name of the Configuration.



4. Select Web Access Broker Connection as the Access Type for Inside Office and Click Next.

The screenshot shows the 'New Connector Configuration' window with the 'Connectivity' tab selected. The left sidebar lists various configuration options, with 'Connectivity' highlighted. The main area is titled 'Connectivity' and contains the following fields and options:

- Location:** A dropdown menu set to 'Inside Office'.
- Access Type:** A dropdown menu set to 'Web Access Broker Connection'.
- Protocol:** A dropdown menu set to 'HTTP'.
- TCP Port:** A text box containing '80'.
- Select web access servers:** A list box containing one entry: '23.99.204.203/Web (http, port 80)' with a checked checkbox.

At the bottom of the window are three buttons: '< Back', 'Next >', and 'Cancel'.

5. Select Web Access Broker Connection as the Access Type for Outside Office and Click Next

The screenshot shows the 'New Connector Configuration' window with the 'Connectivity' tab selected. The left sidebar lists various configuration options, with 'Connectivity' highlighted. The main area is titled 'Connectivity' and contains the following fields and options:

- Location:** A dropdown menu set to 'Outside Office'.
- Access Type:** A dropdown menu set to 'Web Access Broker Connection'.
- Protocol:** A dropdown menu set to 'HTTP'.
- TCP Port:** A text box containing '80'.
- Select web access servers:** A list box containing one entry: '23.99.204.203/Web (http, port 80)' with a checked checkbox.

At the bottom of the window are three buttons: '< Back', 'Next >', and 'Cancel'.

6. Click Next.

The screenshot shows the 'New Connector Configuration' window with the 'Firewall/Proxy Traversal' tab selected. The left sidebar lists various configuration categories, with 'Firewall/Proxy Traversal' highlighted. The main area is titled 'Firewall/Proxy Traversal' and contains the following fields and options:

- Location:** A dropdown menu set to 'Outside Office'.
- Connection Options for Location [Outside Office]:**
 - ☐ Enable NAT Support for Firewall Traversal
 - ☐ Enable RDP over SSL/TLS
 - Secure Access server:** An empty text field.
- Proxy Server for Location [Outside Office]:**
 - ☒ Use the default from the system internet settings.
 - ☐ Do not use a proxy server.
 - ☐ Enter an address manually. Use the format: 'proxyserver:port'.
 - Proxy Server:** An empty text field.
 - Do not use proxy server for addresses beginning with:** An empty text field.
 - Use semicolons (;) to separate entries.

At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'.

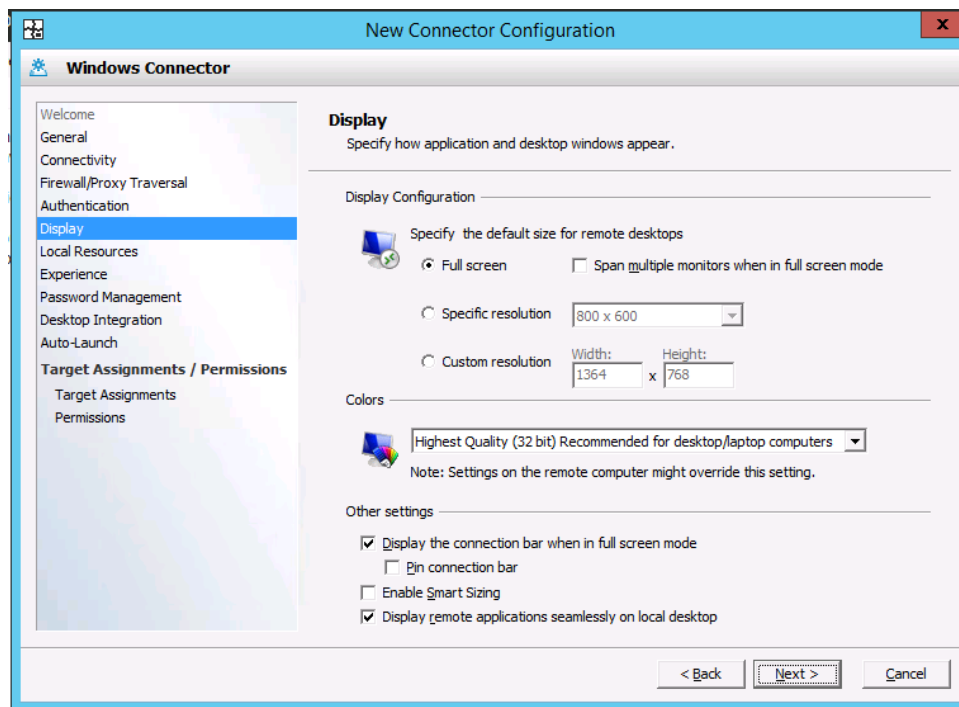
7. Click Next. (You can select appropriate Authentication mechanism. Since this is a POC config we are using the default settings.)

The screenshot shows the 'New Connector Configuration' window with the 'Authentication' tab selected. The left sidebar lists various configuration categories, with 'Authentication' highlighted. The main area is titled 'Authentication' and contains the following fields and options:

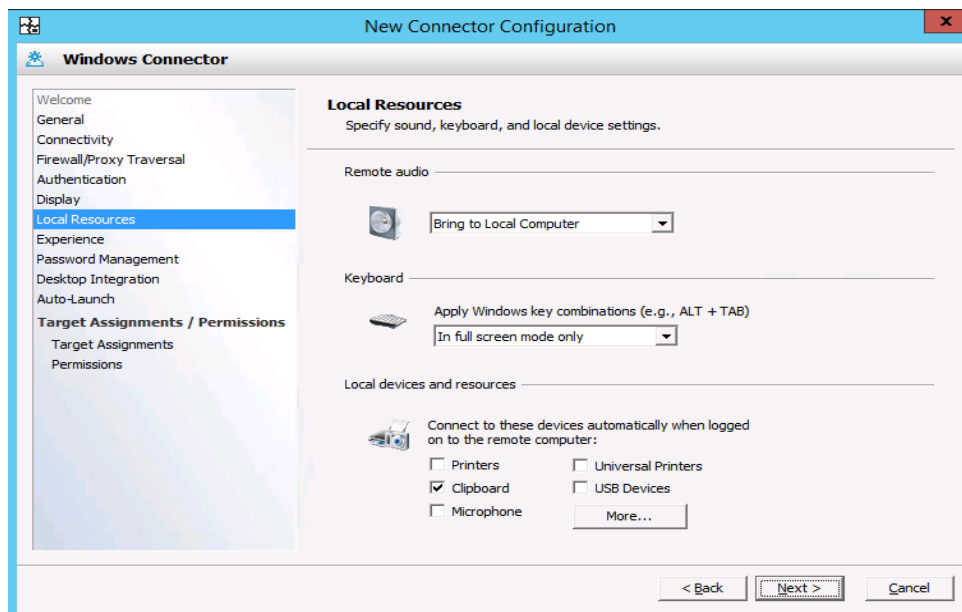
- Specify the credentials for connecting to this farm.**
- When logging in with this configuration:**
 - ☐ Use cached credentials
 - ☐ Use Kerberos/Network Level Authentication
 - ☐ Initial authentication only
 - ☒ Prompt for credentials when Kerberos authentication is not available
 - ☒ Prompt for credentials
- When prompting for credentials:**
 - ☐ Specify a default domain: An empty text field.
 - ☐ Automatically populate the domain field using the computer's domain
 - ☐ Disable the domain field
 - ☐ Do not allow users to save their credentials
- ☐ Login anonymously (Do not prompt for credentials)

At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'.

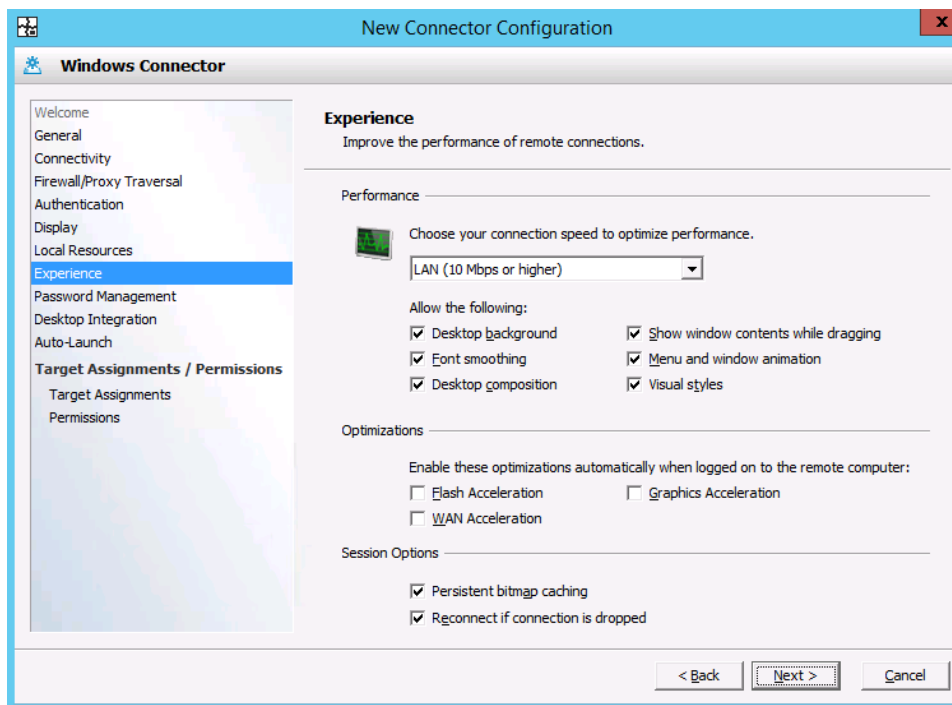
8. Select Appropriate Display Config and click Next.



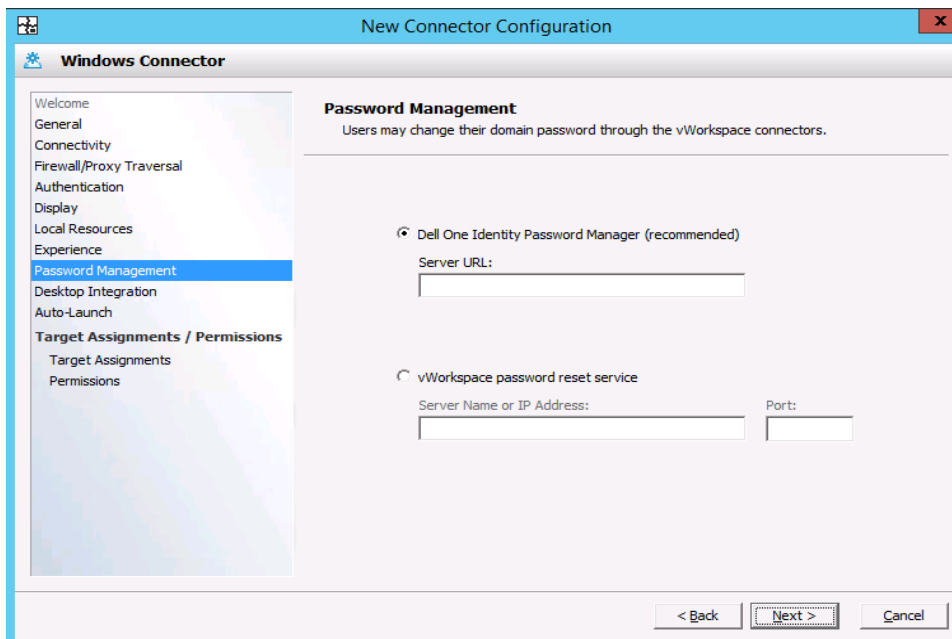
9. Select Appropriate Local Resources and Click Next.



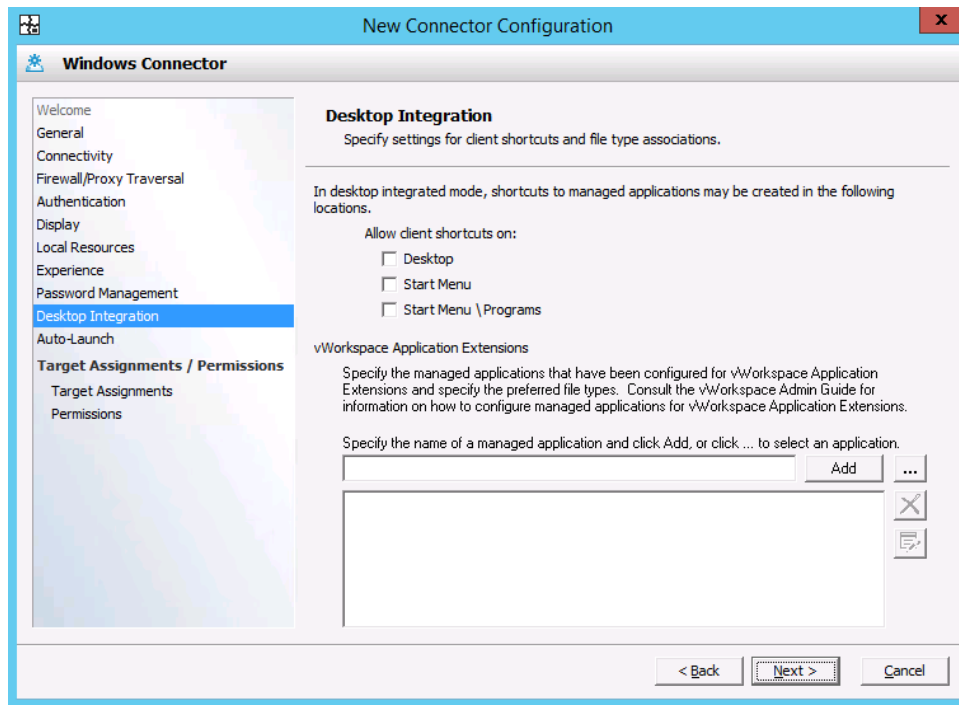
10. Select Appropriate Experience Optimization and Click Next.



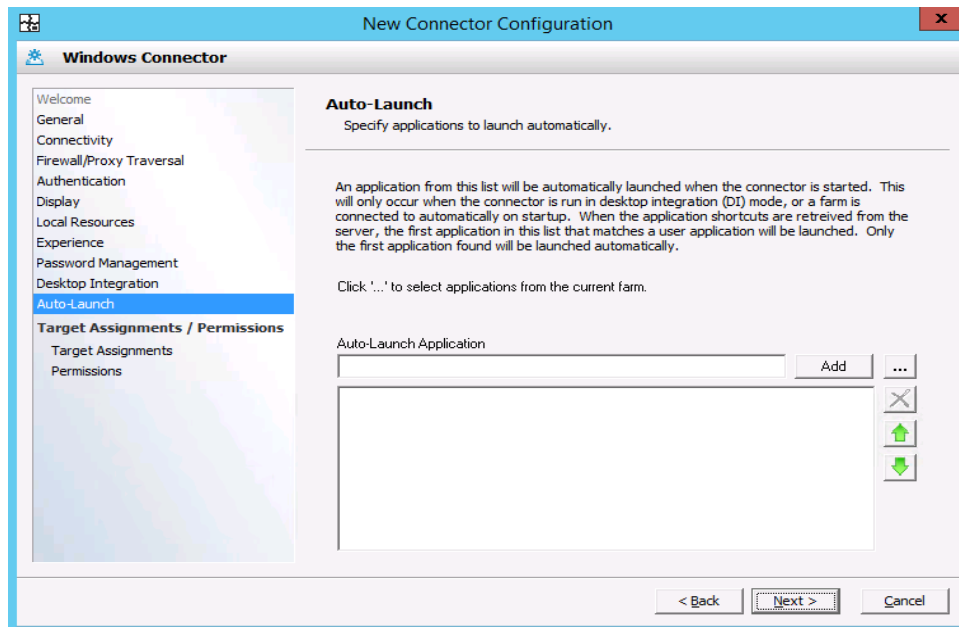
11. Since we are not doing Password Management click Next.



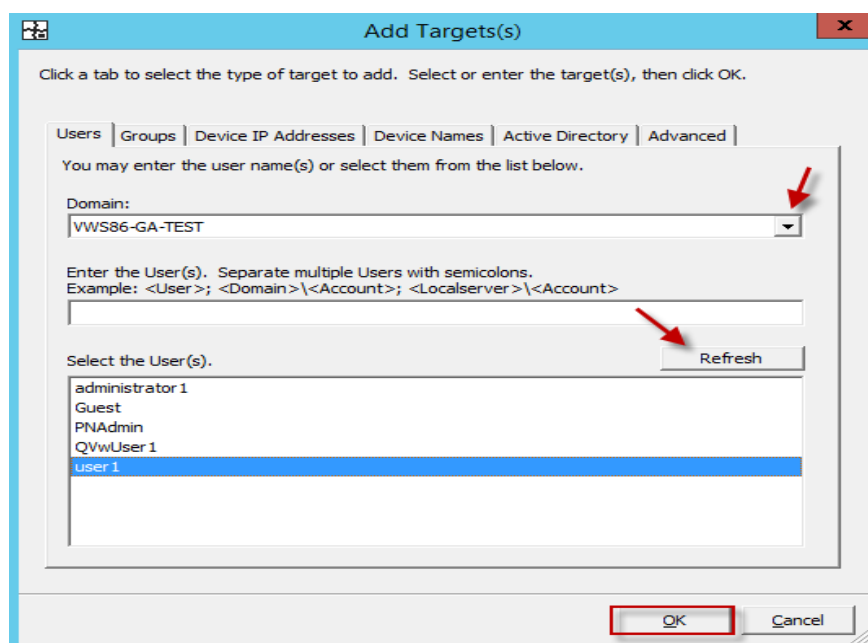
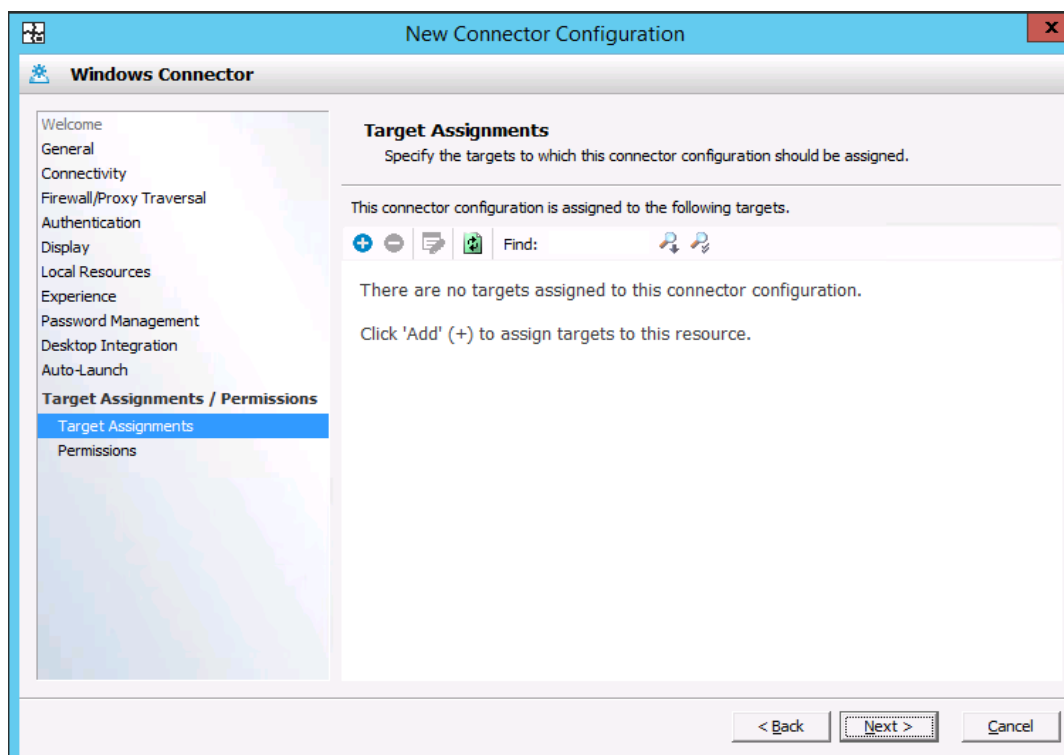
12. Select the appropriate Desktop Integration Options and click Next.

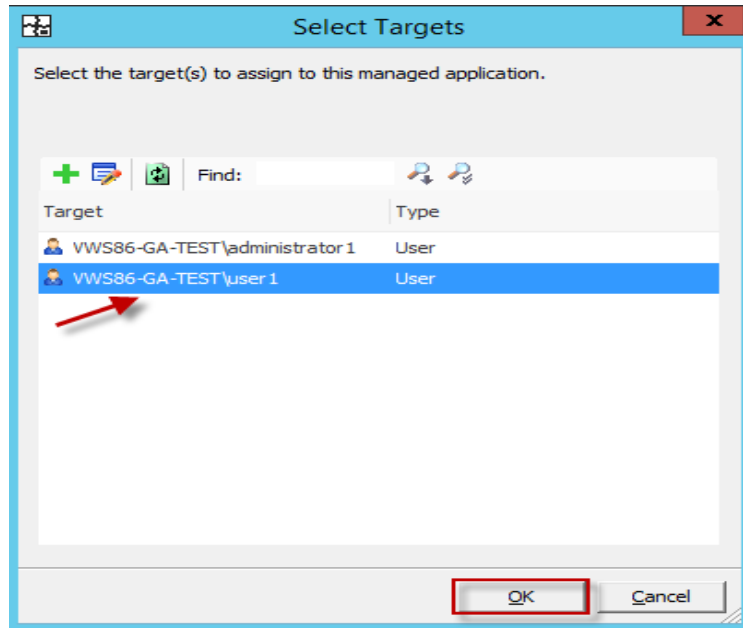


13. Click Next.

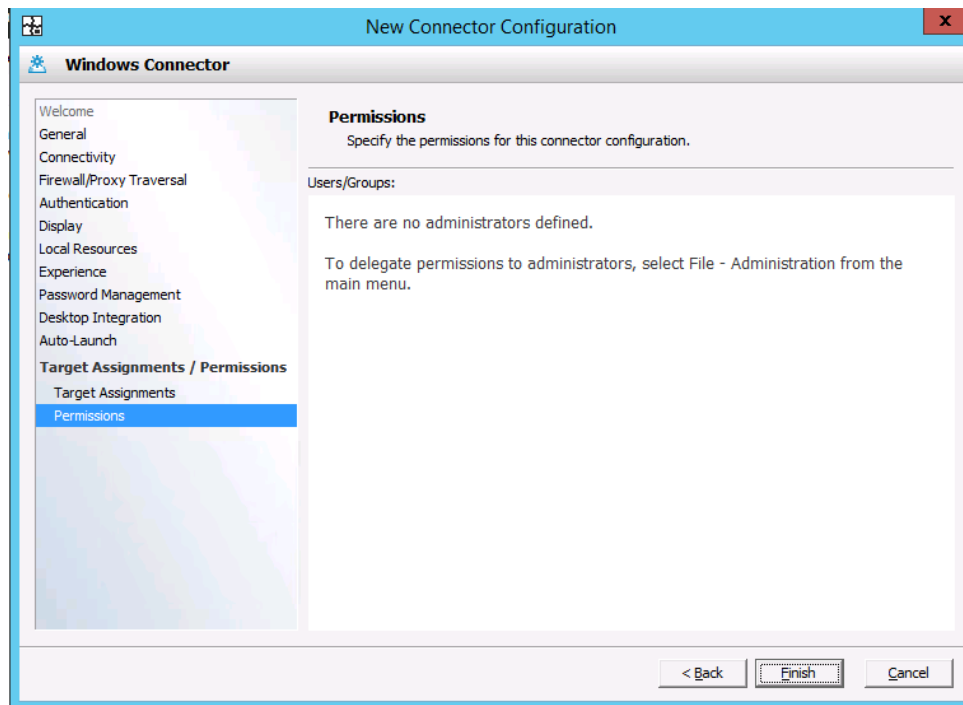


14. Click the Add button and select the users you want to have access.





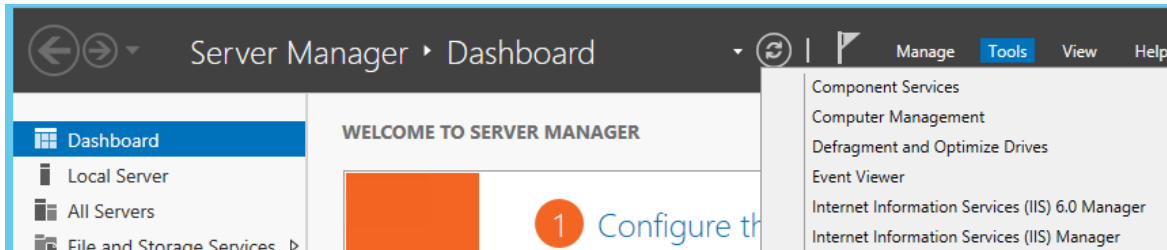
15. Click Finish.



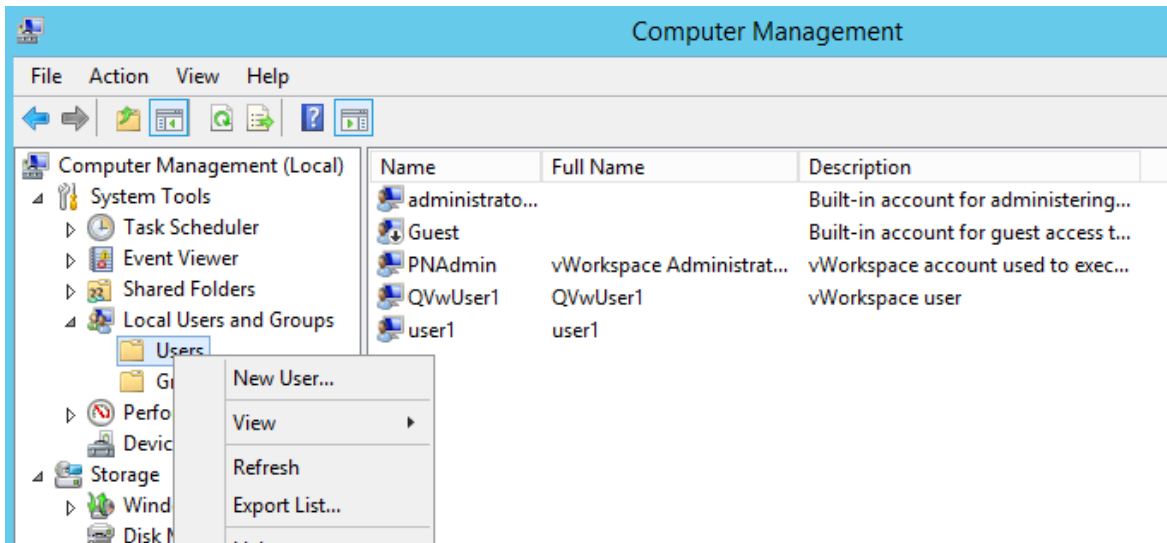
1.3.6 User Assignment

Create local users on the windows machine

1. Open server manager click on Tools→Computer Management



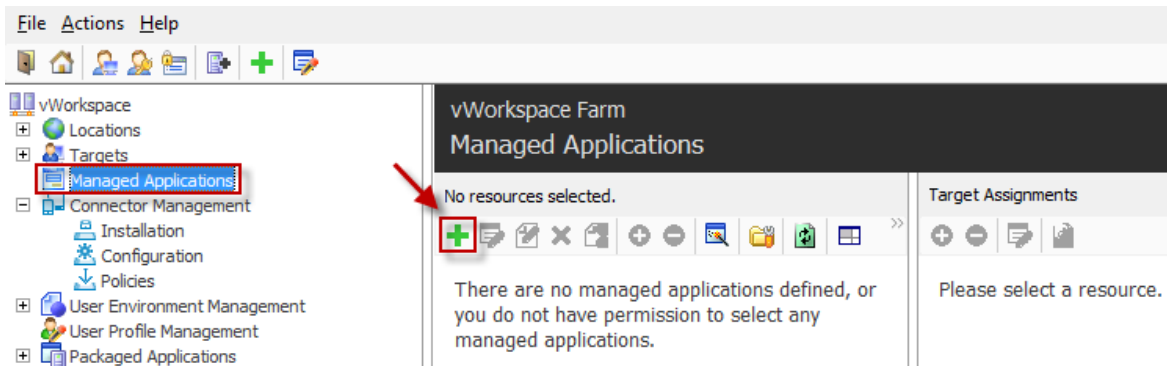
2. Click on local Users and Group→ Right click on Users to create New User



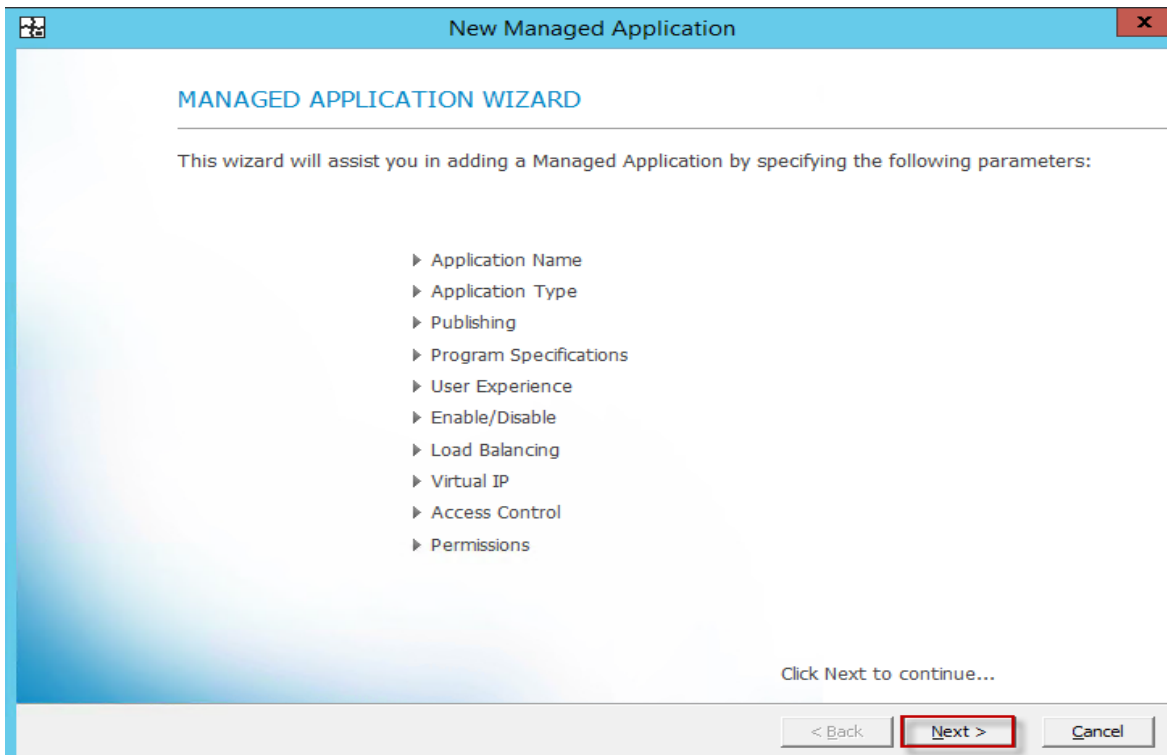
1.3.7 Target Assignment

Open vWorkspace management console and go to Managed Applications to assign a user to target

1. Click on + as shown below to start the wizard:



2. Click on Next to proceed



3. You need to specify a name to the application you are about to publish. In the example below I will be publishing a complete RDSH desktop. So I have named it RDSH.

The screenshot shows the 'New Managed Application' wizard with the 'General' tab selected. The 'Application Name' section is active, showing a text box with 'RDSH' entered. A red arrow points to the text box. The left sidebar lists various configuration options, and the bottom has navigation buttons: '< Back', 'Next >', and 'Cancel'.

New Managed Application

General

Application Name
Specify a friendly name for this application.

Specify a friendly name for this application. This name will appear in the management console. This name will also appear in the vWorkspace Connector if a display name is not specified.

Name:
RDSH

Custom properties help you organize applications in the management console. The values you enter below will appear in the applications view.

Property	Value (type or press F2 to edit)
Custom property 1	
Custom property 2	
Custom property 3	
Custom property 4	
Custom property 5	

[Manage properties...](#)

< Back Next > Cancel

4. You need to specify if you are publishing a complete desktop or a specific application on the desktop. I will be publishing a complete desktop here:

The screenshot shows the 'New Managed Application' wizard with the 'Application Type' section selected. The 'Desktop' option is selected with a radio button and a red arrow. The left sidebar shows the 'Application Type' option highlighted. The bottom has navigation buttons: '< Back', 'Next >', and 'Cancel'.

New Managed Application

RDSH (Desktop)

Application Type
An application may be a program, desktop, or content file.

Specify the type of application:

☐ Program
An executable file that the user can launch from a computer, start menu, toolbar, or vWorkspace Client.

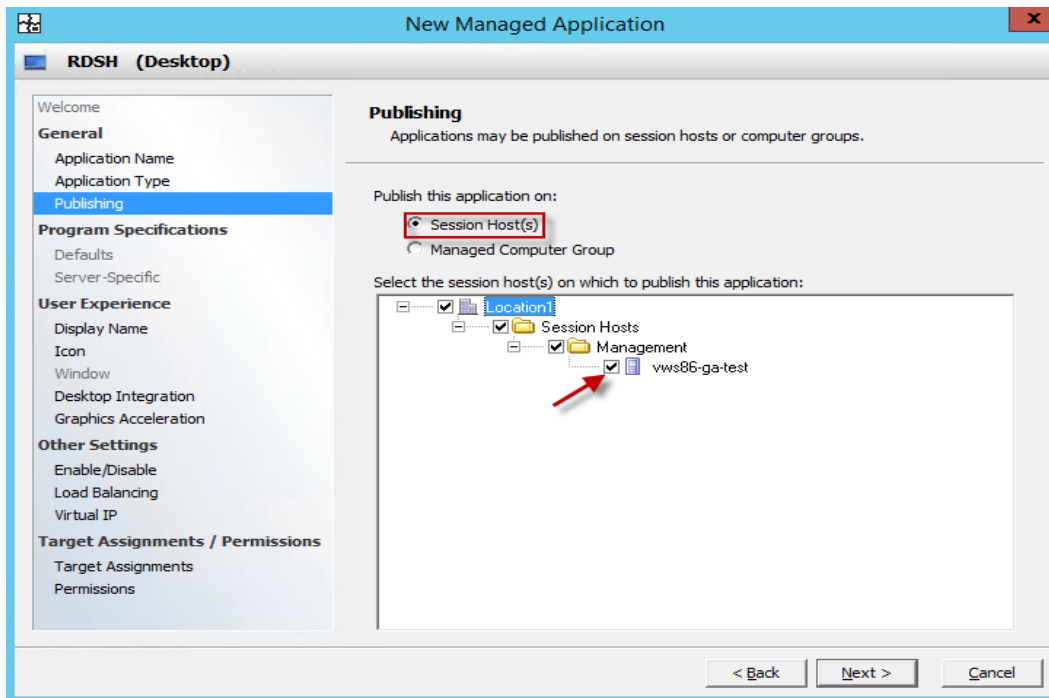
☒ Desktop
An entire desktop, including program and/or content shortcuts.

☐ Content
A UNC or URL pointing to content such as an office document, Web page, or presentation.

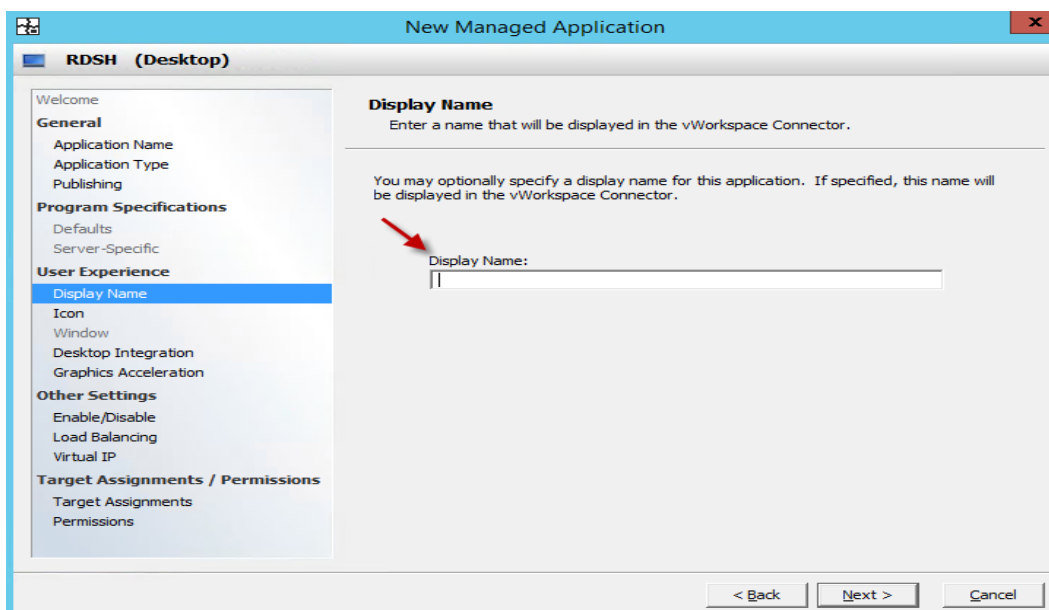
Launch content on:
☐ Server
☐ Client

< Back Next > Cancel

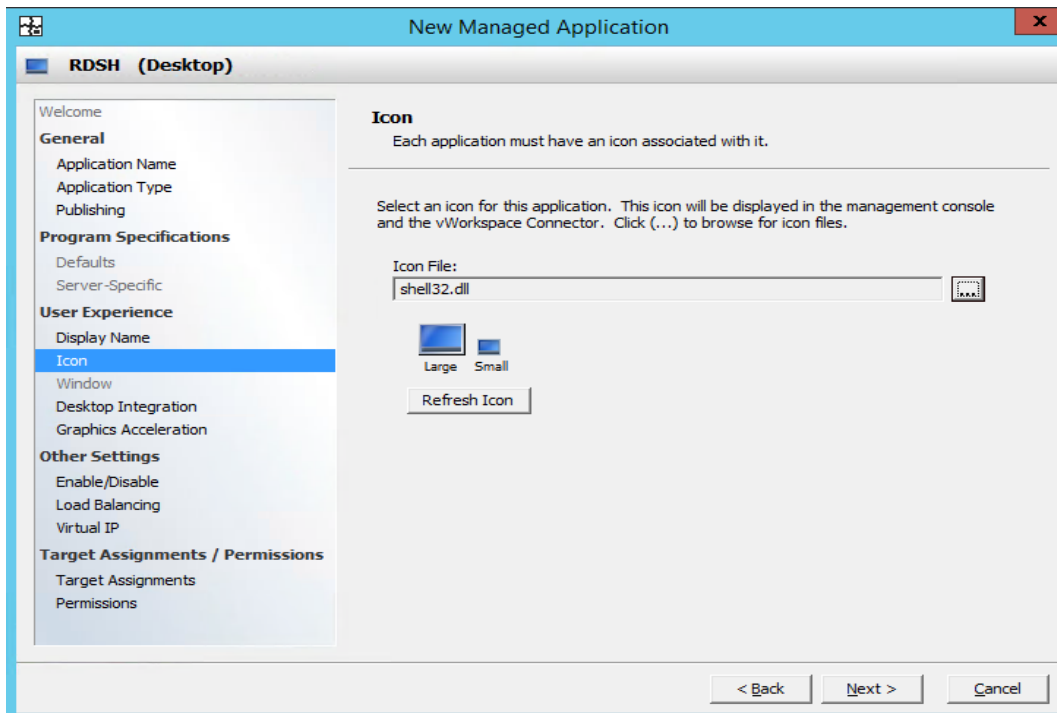
5. You need to select the Session Host that you want to publish from :



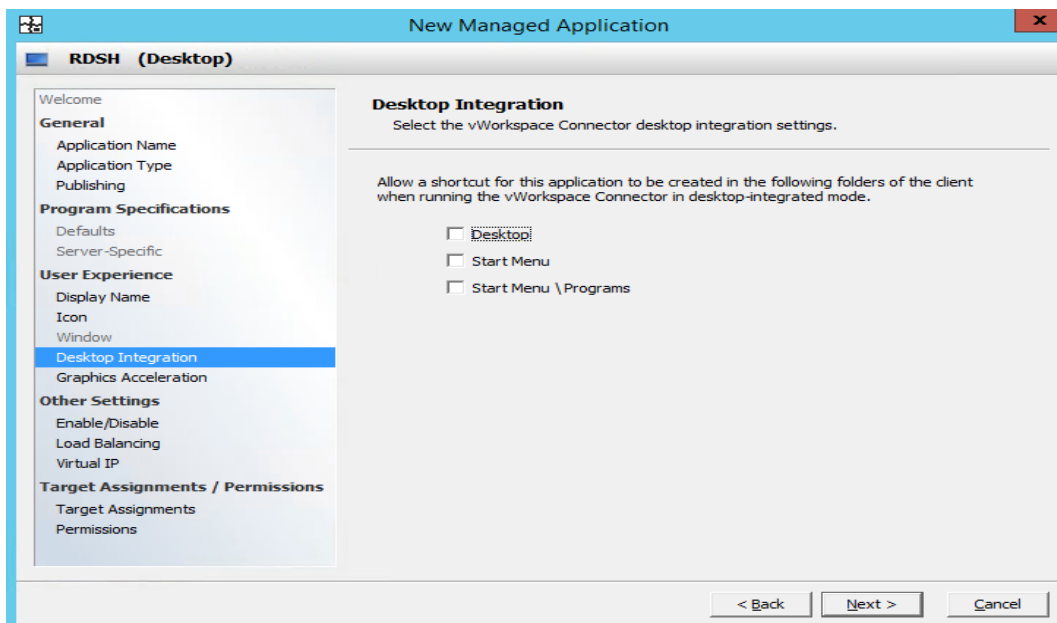
6. Enter a display name. This is optional, if you choose not to enter the display name the application name which you specified earlier will be displayed:



7. Choose the correct icon for the application and click next



8. Leave as the default setting and proceed to the next step



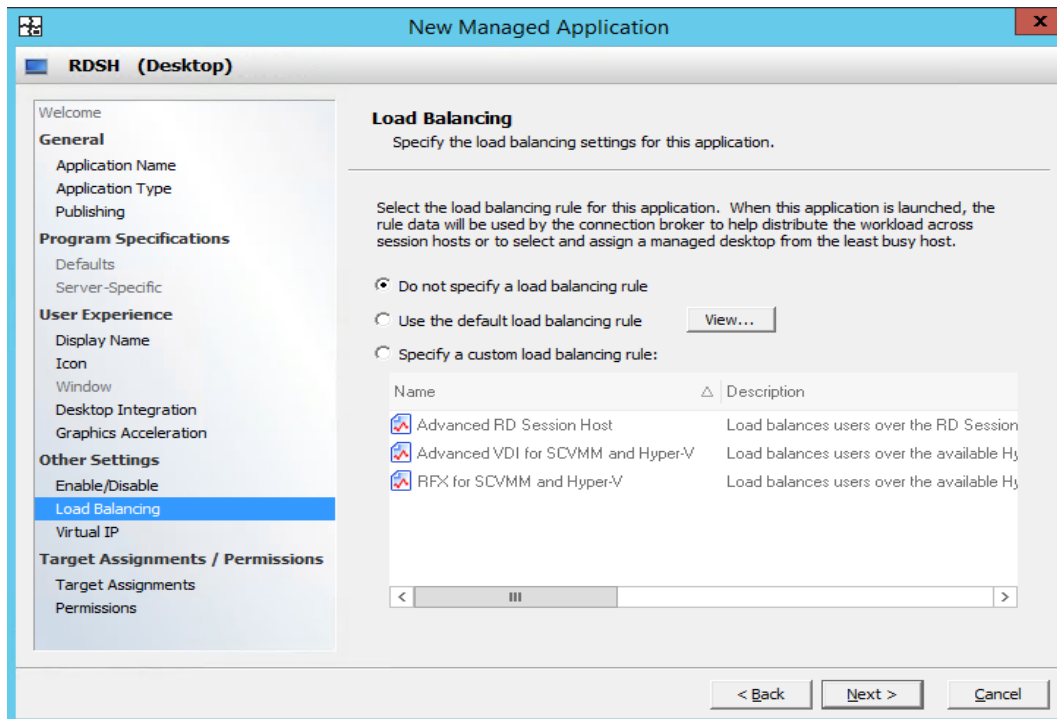
9. Leave as the default setting and proceed:

The screenshot shows the 'New Managed Application' wizard window. The title bar is 'New Managed Application'. The left sidebar is titled 'RDSH (Desktop)' and contains a tree view with the following sections: 'General' (Welcome, Application Name, Application Type, Publishing), 'Program Specifications' (Defaults, Server-Specific), 'User Experience' (Display Name, Icon, Window, Desktop Integration), 'Graphics Acceleration' (selected), 'Other Settings' (Enable/Disable, Load Balancing, Virtual IP), and 'Target Assignments / Permissions' (Target Assignments, Permissions). The main pane is titled 'Graphics Acceleration' and contains the text 'Increase performance for graphics-intensive applications.' and 'Select the Graphics Acceleration setting for this application.' Below this are three radio button options: 'Enabled', 'Disabled', and 'Use Default (Currently Disabled)'. The 'Use Default (Currently Disabled)' option is selected. At the bottom are three buttons: '< Back', 'Next >', and 'Cancel'.

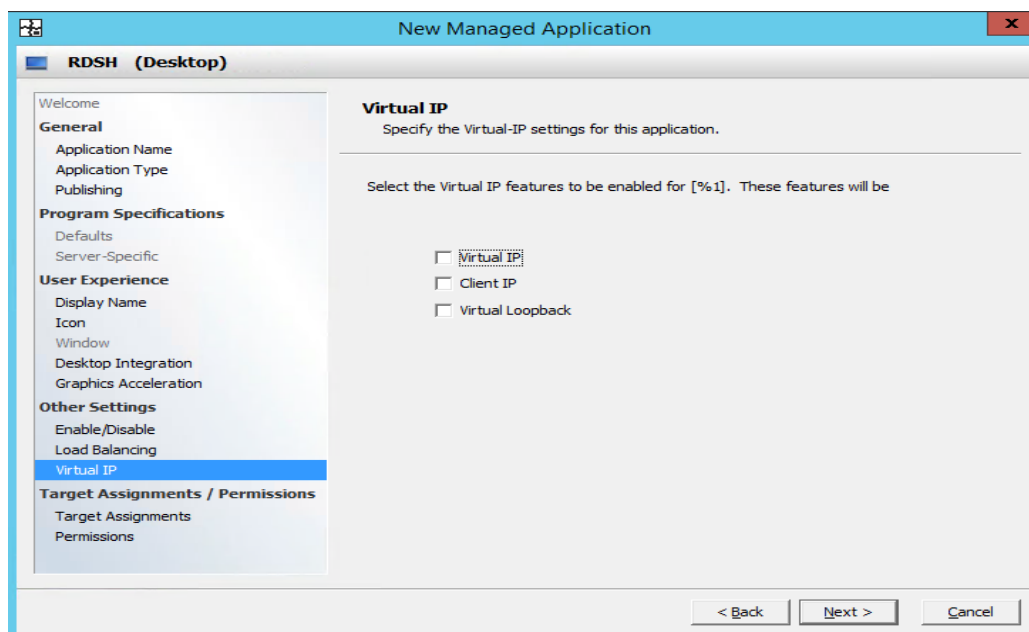
10. Choose Enable to enable this application

The screenshot shows the 'New Managed Application' wizard window. The title bar is 'New Managed Application'. The left sidebar is titled 'RDSH (Desktop)' and contains a tree view with the following sections: 'General' (Welcome, Application Name, Application Type, Publishing), 'Program Specifications' (Defaults, Server-Specific), 'User Experience' (Display Name, Icon, Window, Desktop Integration, Graphics Acceleration), 'Other Settings' (selected), 'Enable/Disable' (selected), 'Load Balancing', 'Virtual IP', and 'Target Assignments / Permissions' (Target Assignments, Permissions). The main pane is titled 'Enable/Disable' and contains the text 'Specify the status of this application.' and 'You may specify whether this application is enabled or disabled. Disabled applications will not be displayed in client application lists.' Below this are two radio button options: 'Enabled' and 'Disabled'. The 'Enabled' option is selected. At the bottom are three buttons: '< Back', 'Next >', and 'Cancel'.

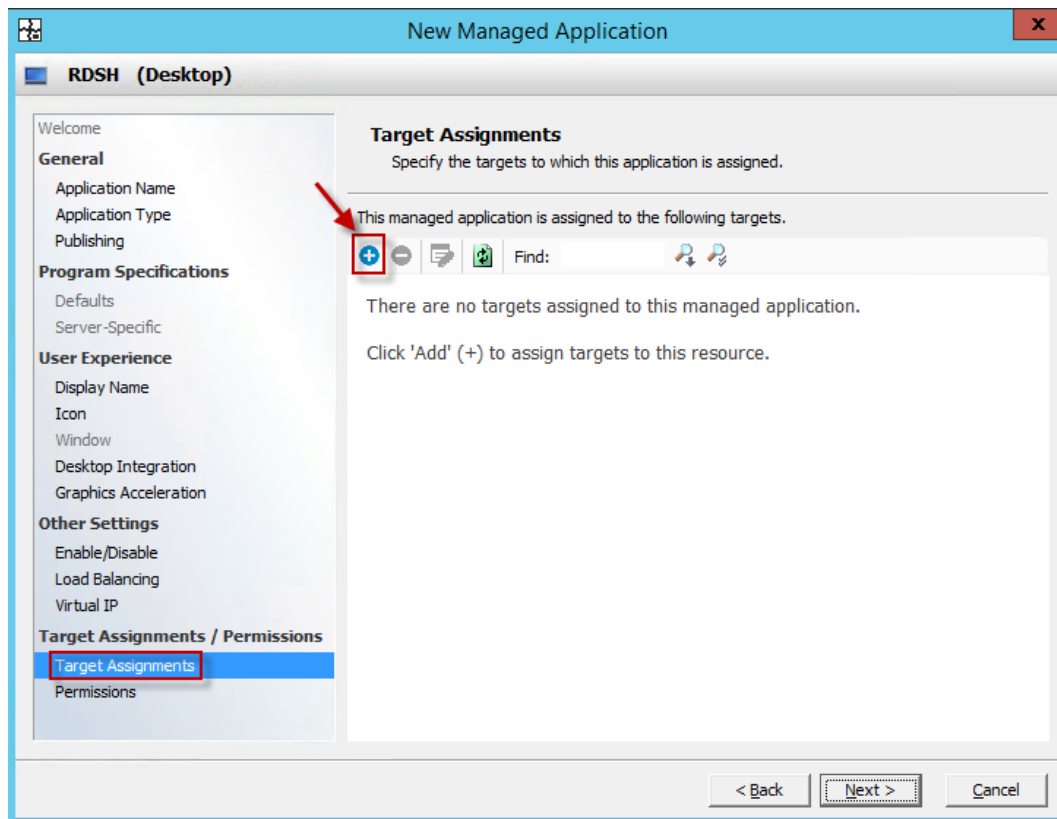
11. Leave the load balancing rule as default and proceed



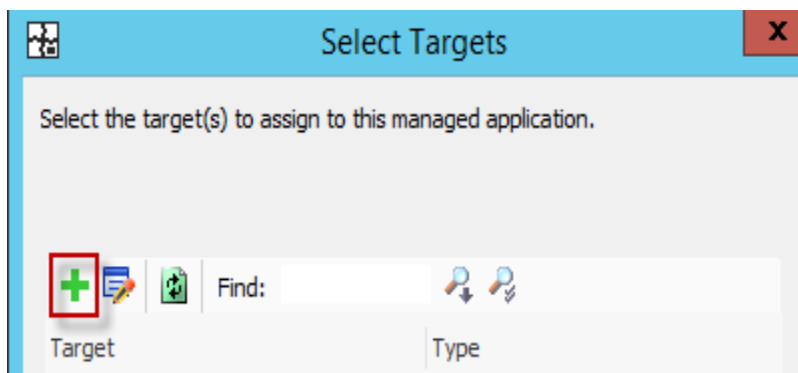
12. Leave this setting as default and proceed



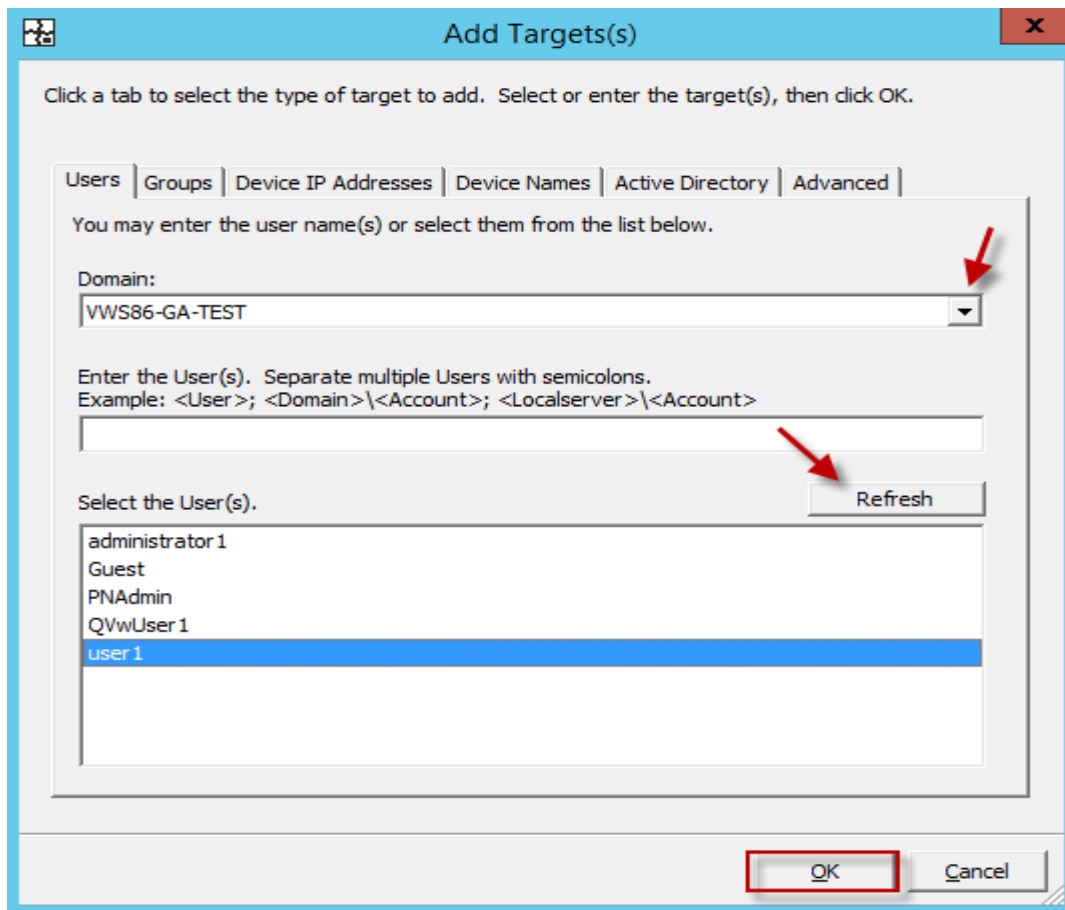
13. This is where we assign a user to the application that we are creating. Click on + to assign a user or a group to the application



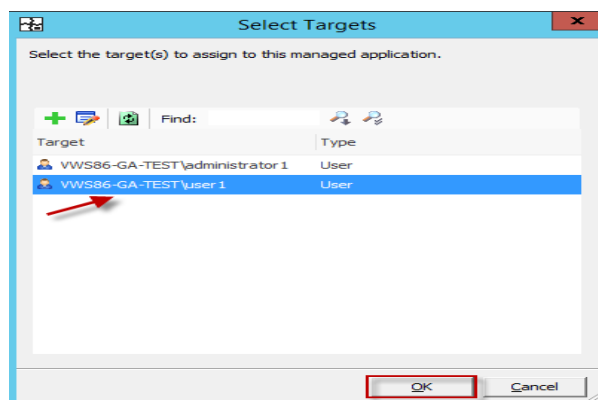
14. Click on + to browse for the user



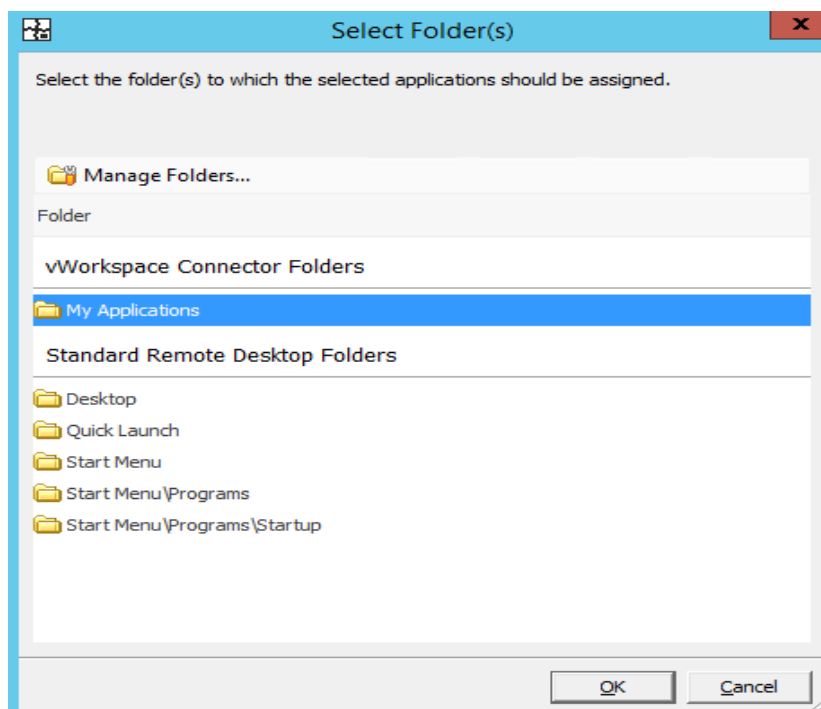
15. Select the domain by clicking the drop down arrow near the domain tab, refresh the tab and select the user. Click OK after you are done selecting the user and proceed



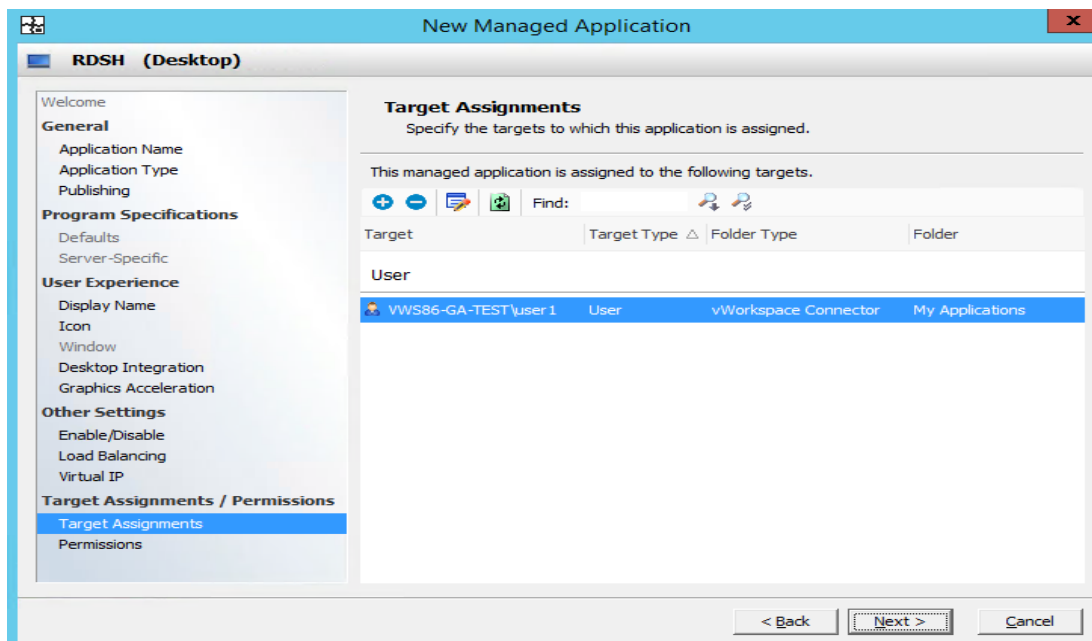
16. Verify the user and Click Ok



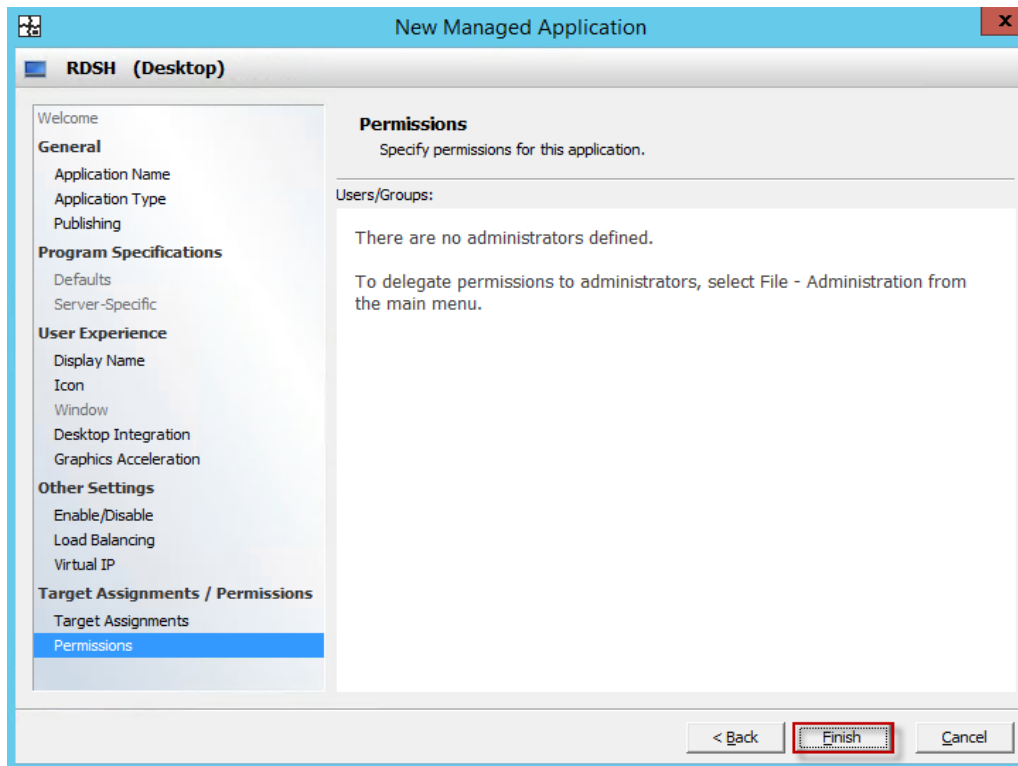
17. Choose the folder and click OK to proceed



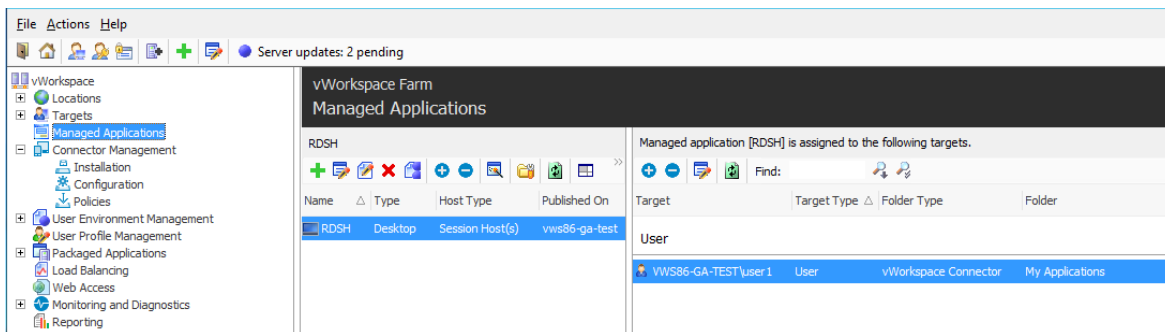
18. You can see the user is now assigned to the application. Click Next to proceed



19. Click on finish to exit the Wizard



20. Within the Managed Applications node you can now see the applications and the users assigned to the applications. The next step is to connect to the web site we have created. The steps are outlined below:



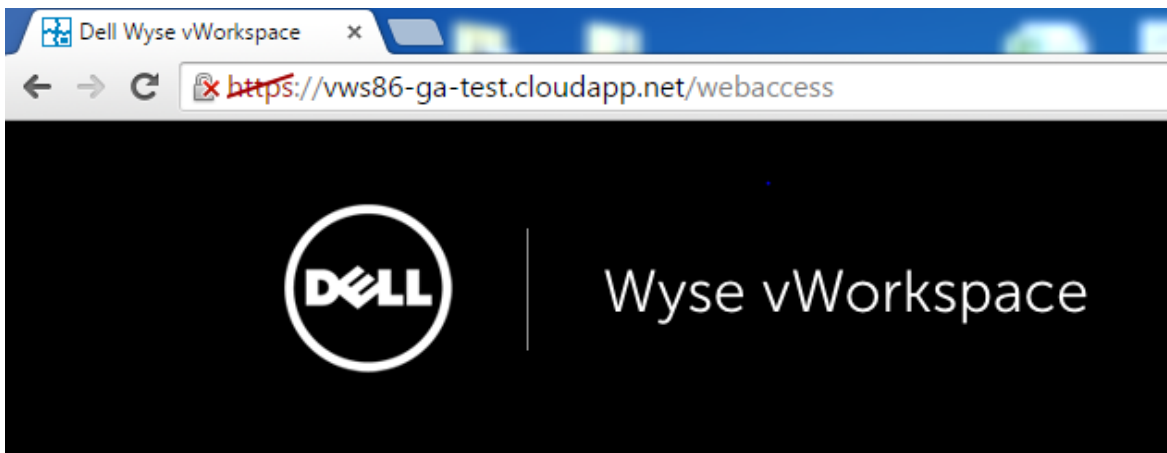
Access to your RDSH Session

There are multiple ways to access your RDSH Sessions. Two are methods are listed below:

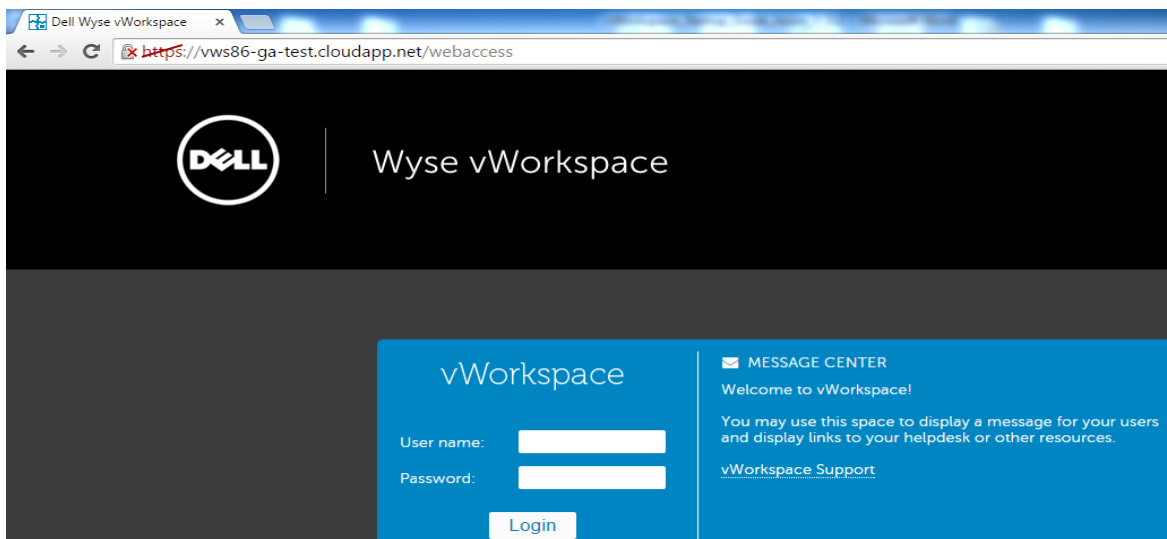
1. HTML5
2. Windows Connector

HTML5

1. To connect to the website you have created you need to open a web browser and enter the IP address/Web site name as shown in below screenshot:



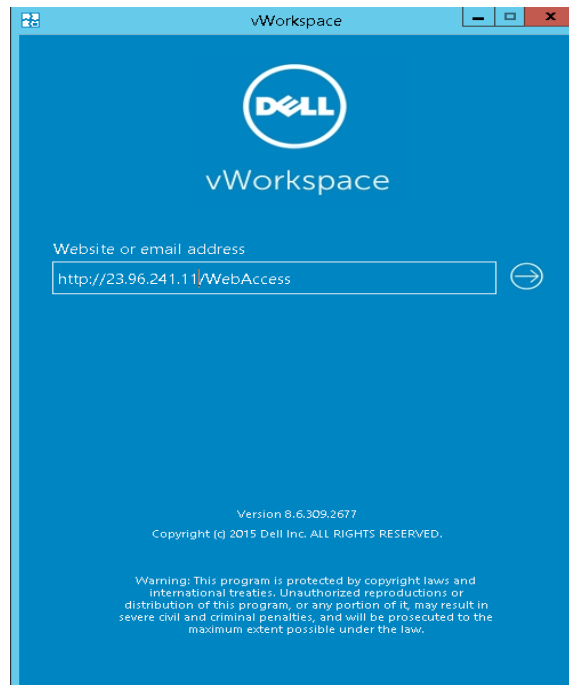
2. You will be prompted to enter you login details in the next step:



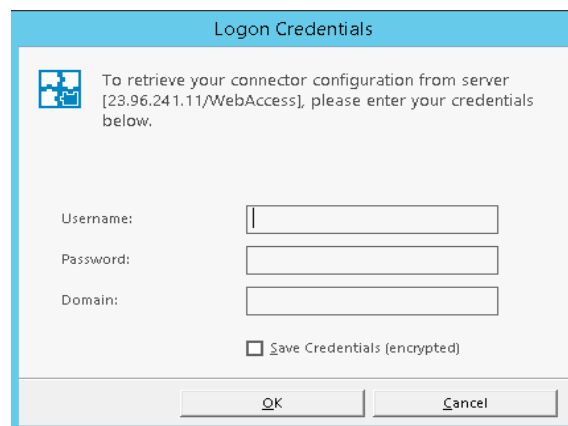
3. Once you have your login details entered, All the applications assigned to the user will be displayed.

Windows Connector

1. Launch Windows Connector and enter the Secure gateway DNS or IP address/Web site name as demonstrated in the below screenshot:



2. Enter your login credentials. Once you have your login details entered, all the applications assigned to the user will be displayed.



About the Authors

Shruthin Reddy is a Senior Systems Engineer in the Cloud Client Computing Group at Dell with extensive experience in validating, building and optimizing enterprise class VDI solutions by Dell (vWorkspace), Microsoft (RDS), VMware (View), and Citrix (XenDesktop) and also has expertise working on Public cloud solutions by Microsoft (Azure) and Google (Google compute Engine). Shruthin holds a B.S. in Computer Science.

Darpan Patel is a Senior Solutions Engineer with Dell Wyse Solutions Engineering With extensive experience in validating, building and optimizing enterprise class VDI solutions on Microsoft (Hyper-V), VMware (View) and Citrix (Xen Desktop) and is focused on making Dell's virtualization offerings consistently best in class. Darpan has a master's degree in Information Systems from Pace University in New York and is VCP5-DCV certified. (VMware Certified Professional 5 –Data Center Virtualization)

Manish Chacko is the Sr. Technical Marketing Advisor for enterprise VDI solutions at Dell. Before writing about technology, Manish spent time designing, implementing and supporting technology- in IT, Systems Engineering & Network Performance & Monitoring. Manish was a long-time Dell customer and advocate before becoming a Dell employee.