SANGFOR

VDI

Remote Application & Remote Desktop Configuration Guide

Version 5.4.0

Change Log

Date	Change Description
August 6, 2019	Remote Application & Remote Desktop Configuration Guide.

CONTENT

Chapter 1

1 Introduction

1.1 Document Description

1.2 Objective

This configuration guide document is mainly applicable to the following engineers.

- Network or application manager.
- On-site technical support and maintenance personnel.
- Network administrator that responsible for network configuration and maintenance.

1.3 Abbreviations and conventions

In this article, the terminal server refers to the Windows Server server that publishes the application.

The VDCs in this document refer to SANGFOR VDC (Virtual Desktop Controller).

1.4 Using feedback

If you find any problems with this information during use, you can give us feedback through the community portal: bbs.sangfor.com.cn

Thank you for your support and feedback, we will do better!

2 Application Scenario

1. For the C/S mode application system, the user terminal does not need to install the client application, and after accessing the VDI, the service can be served.The application system on the device side is used. Reduce the limitations of C/S application usage and improve ease of use.
2. Some B/S architecture applications need to be installed in the client browser to access the plugin, but the plugin is not compatible with the phone or tablet, does not support installation, etc., and can be used by remote application publishing.

3 Condition Description

1. VMP and VDC has been set up.
2. Windows Server for installing and publishing applications. This test guide uses win2016 as an example.
3. Publish Remote Desktop. Skip step 5.1 to configure the terminal server and go directly to step 5.3 to publish the remote desktop.

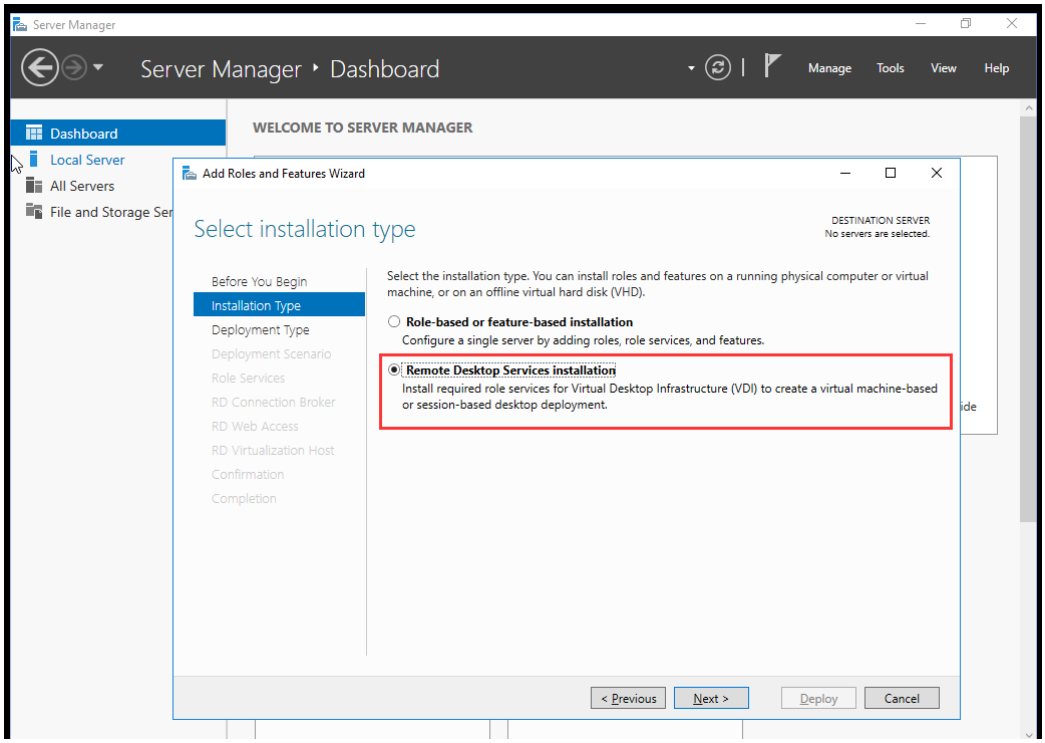
4 Configuration

1. Configure the terminal server.
2. Release remote application.
3. Release remote desktop.
4. New users.
5. Role authorization.
6. Edit group strategy.
7. Terminal access use.

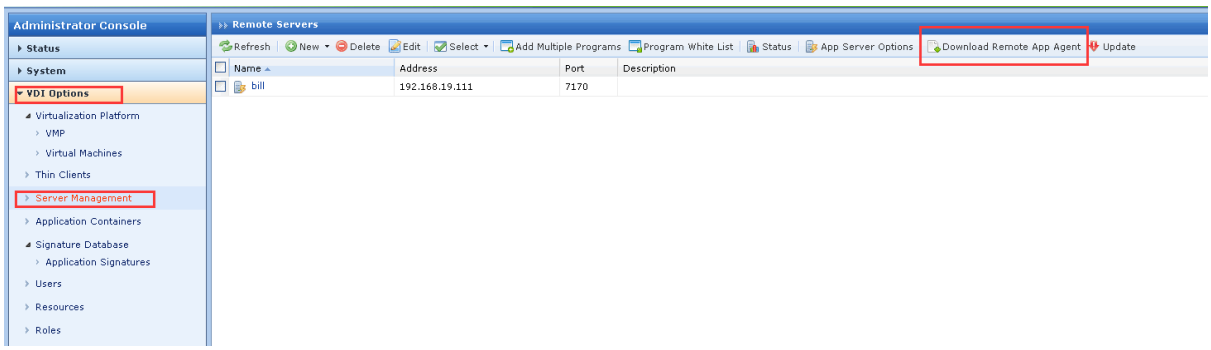
5 Configuration method

5.1 Configuring Terminal Server

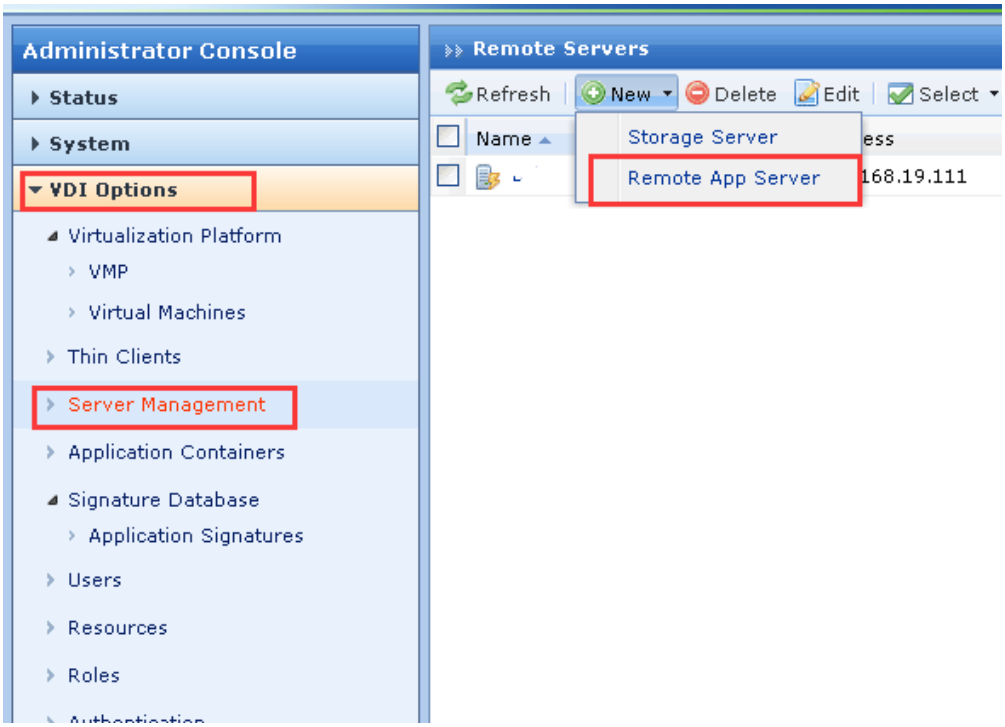
1. Install terminal service and authorization in win2016, follow the prompts to complete the installation.



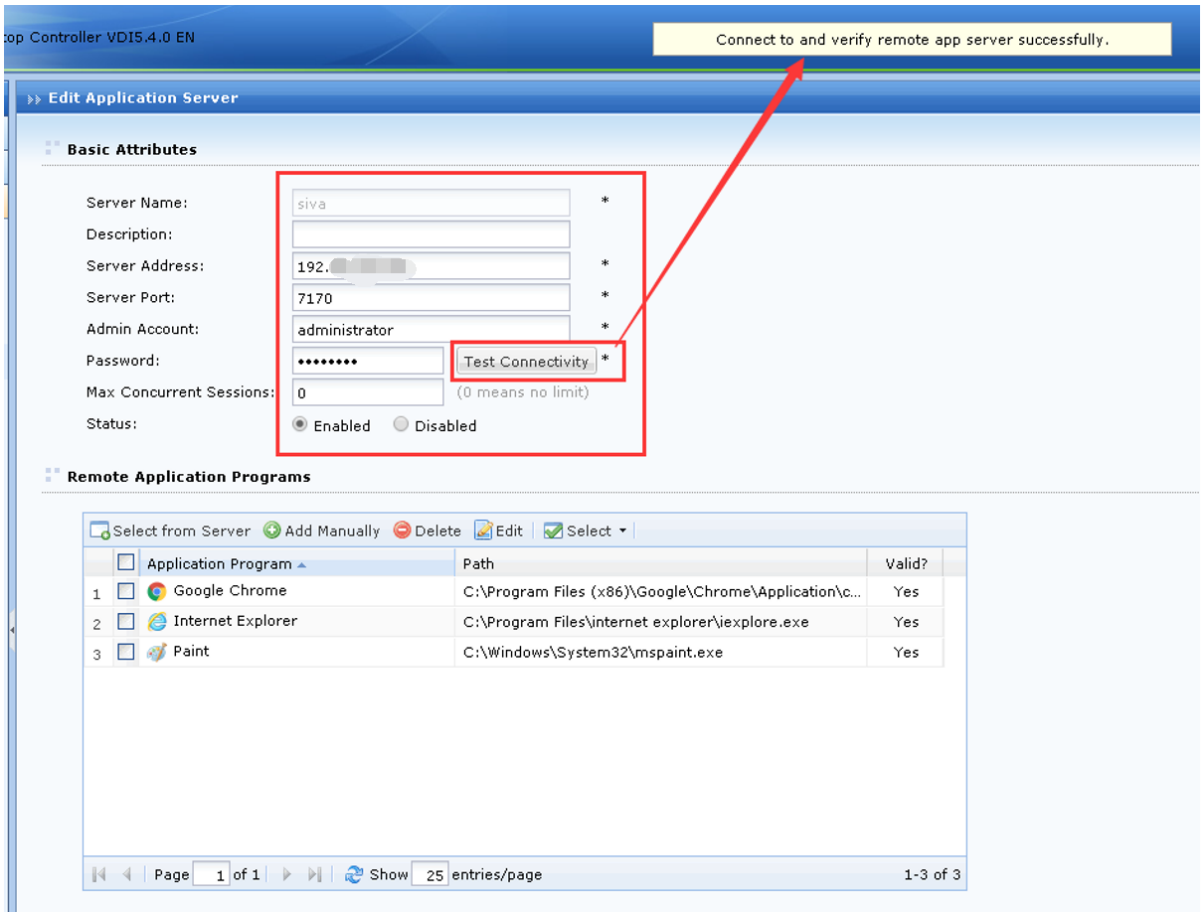
2. Log in to VDC, and download the terminal server program SFRemoteAppServerInstall.exe into win2016.



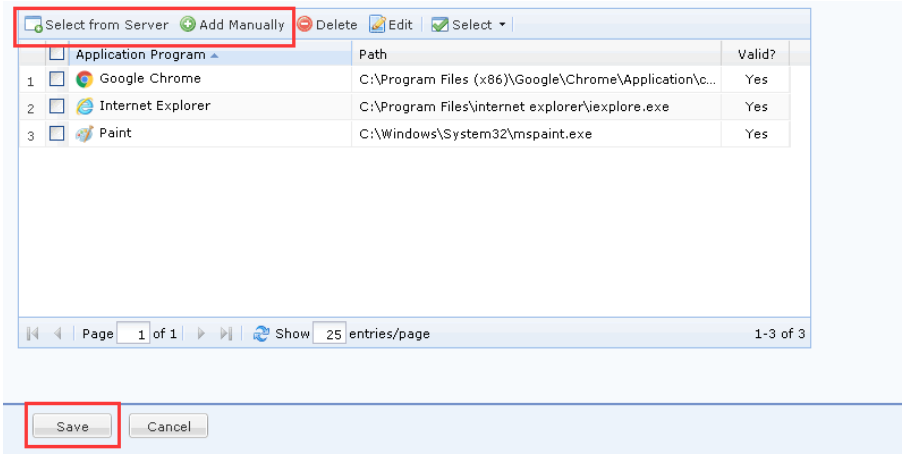
3. Go to Server Management and and Remote App Server.



Fill in the Remote App Server name, Windows Server IP address, username and password, and click "Test Connection" to test the connection with the terminal server.

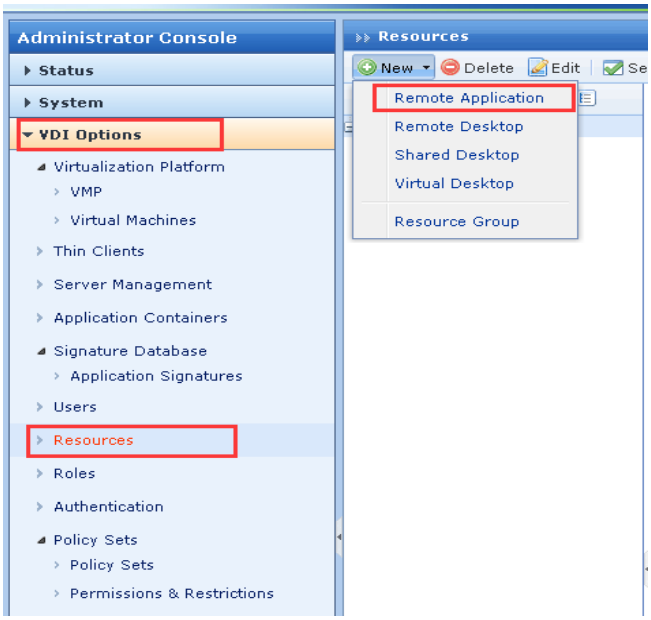


Choose preset application from [Select from Server] if the application is not in the list, select [Add Manually] and provide the path. Lastly click [Save].

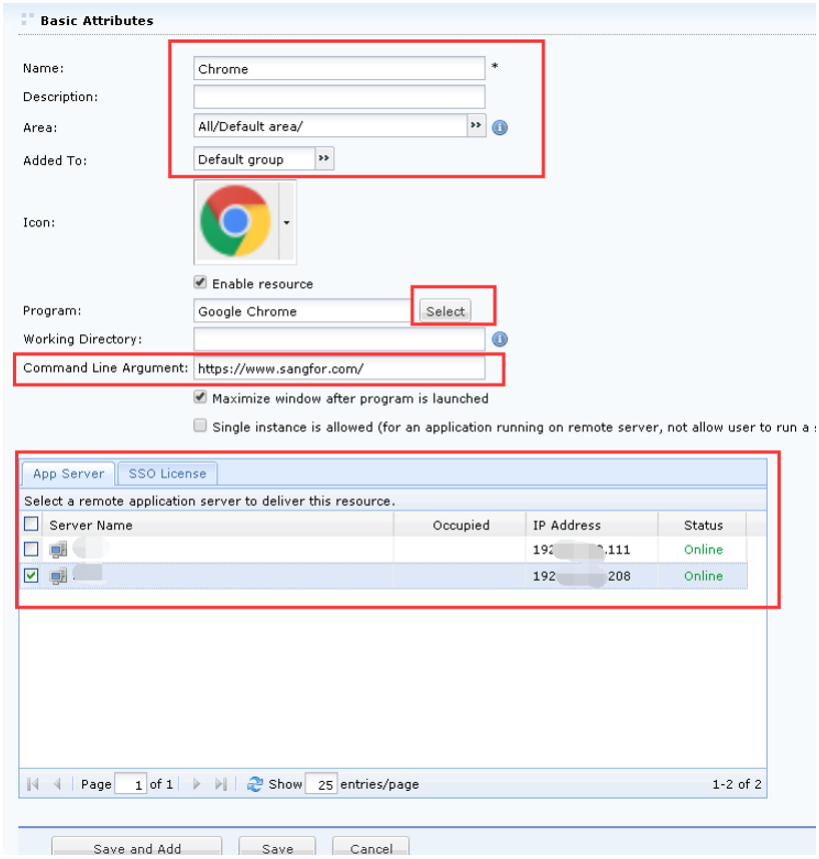


5.2 Publishing remote application

New remote application.

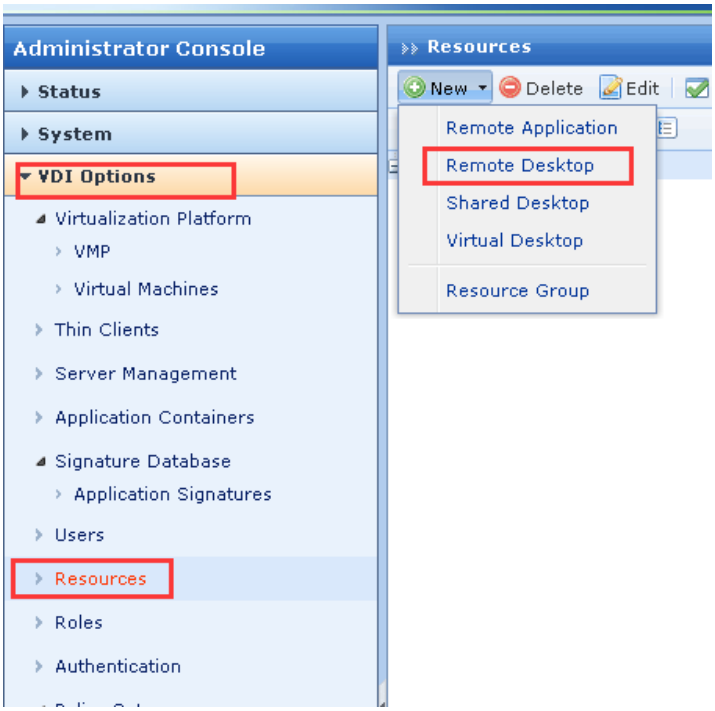


Take the publish of Chrome browser as an example.The program selected must be a preset or program added when the resource server is created.The Command Line Argument refers to what is opened by default after opening this program, such as www.sangfor.com filled in here, after opening Chrome in remote application mode it will automatically opens www.sangfor.com.Check the resource server that publishes the current resource.

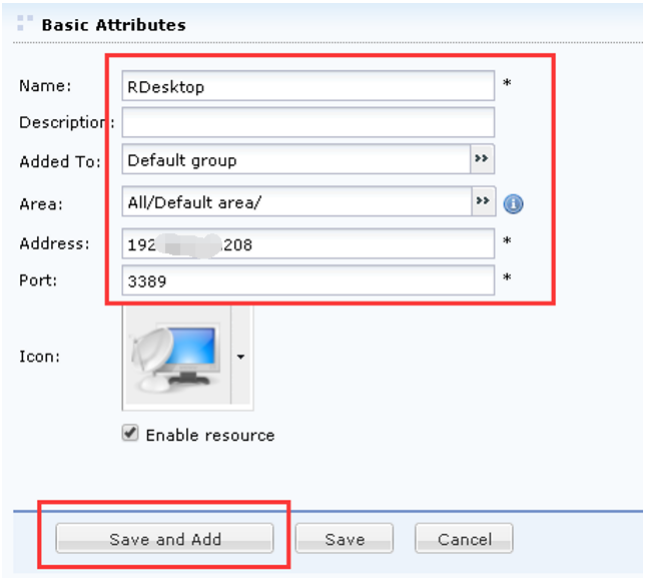


5.3 Publishing remote desktop

Add new remote desktop.

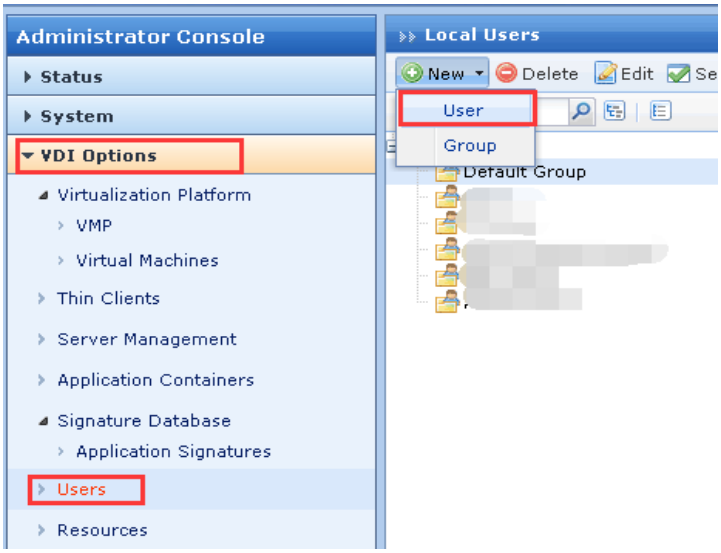


Configure resource name, address, and port.

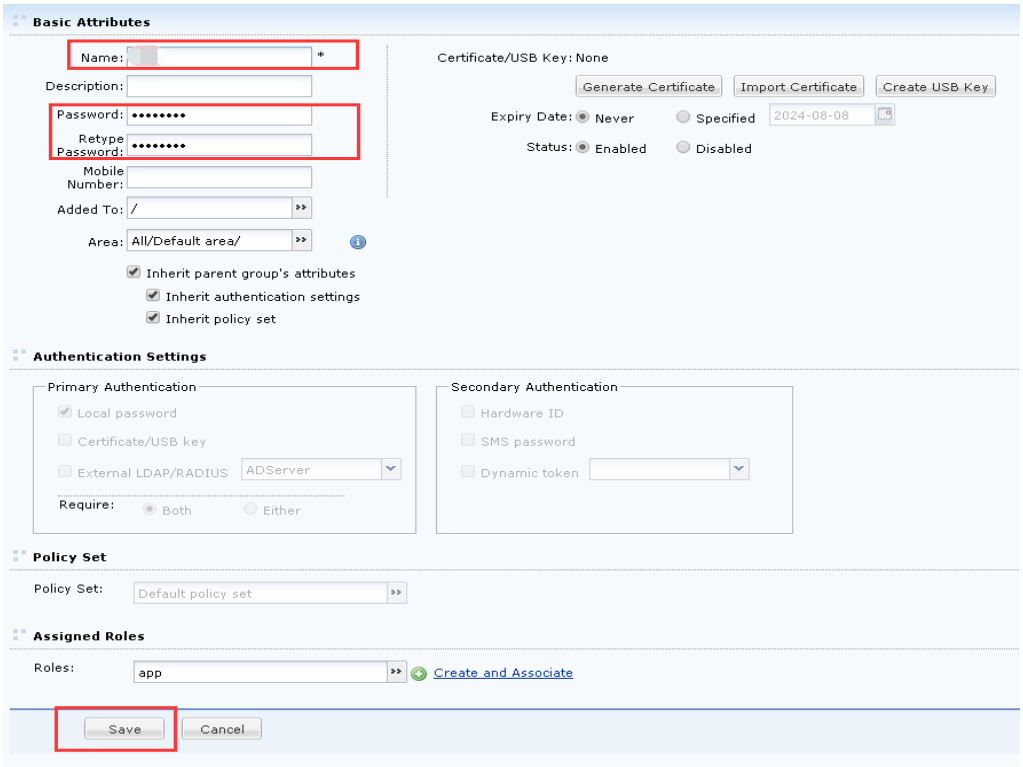


5.4 Creating new user

The VDC performs access control by user authentication. If an end user needs to access the access resource, he/she needs to add the user first and specify the authentication mode.

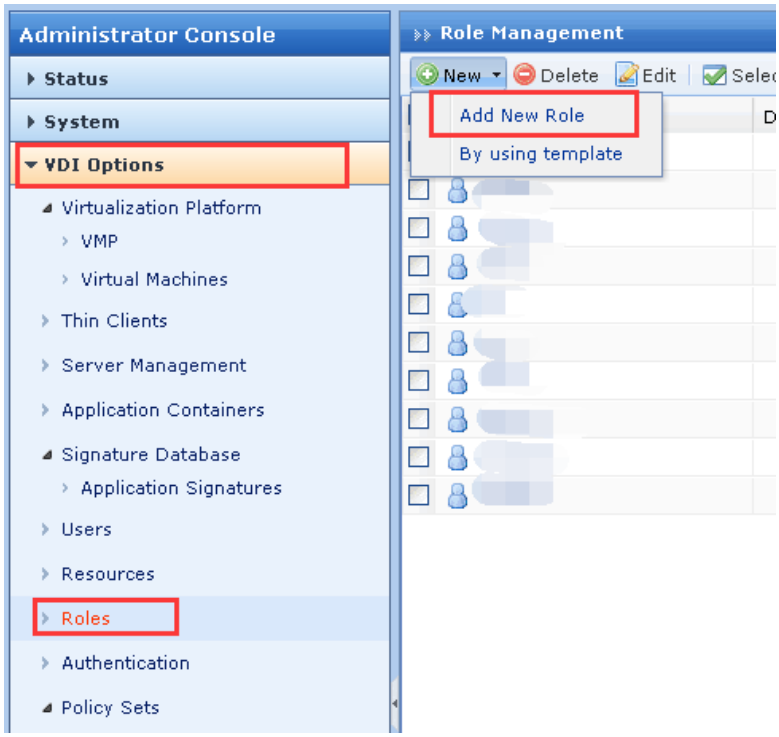


Enter the user Name, Password and be sure to Save it.

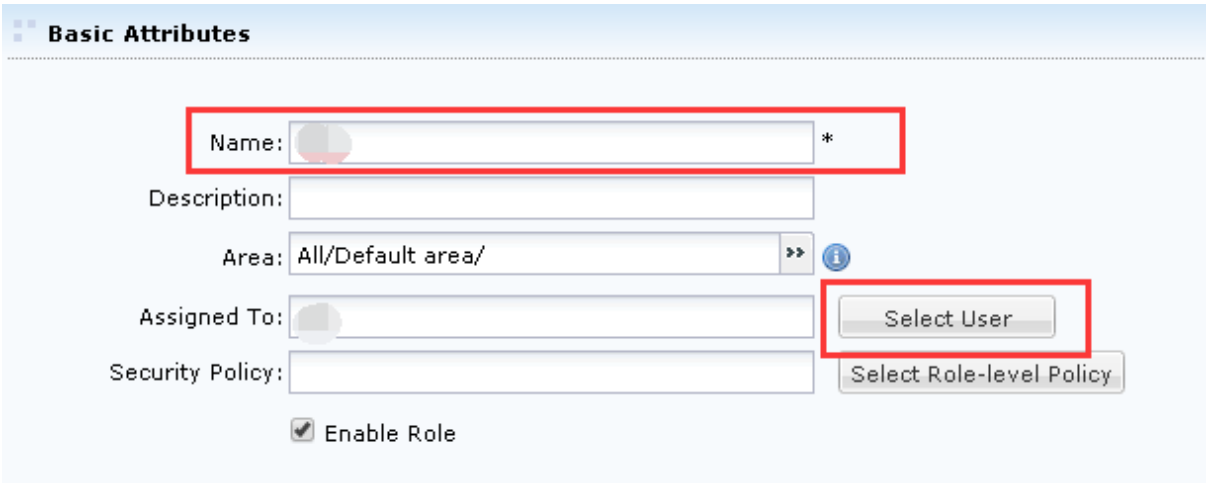


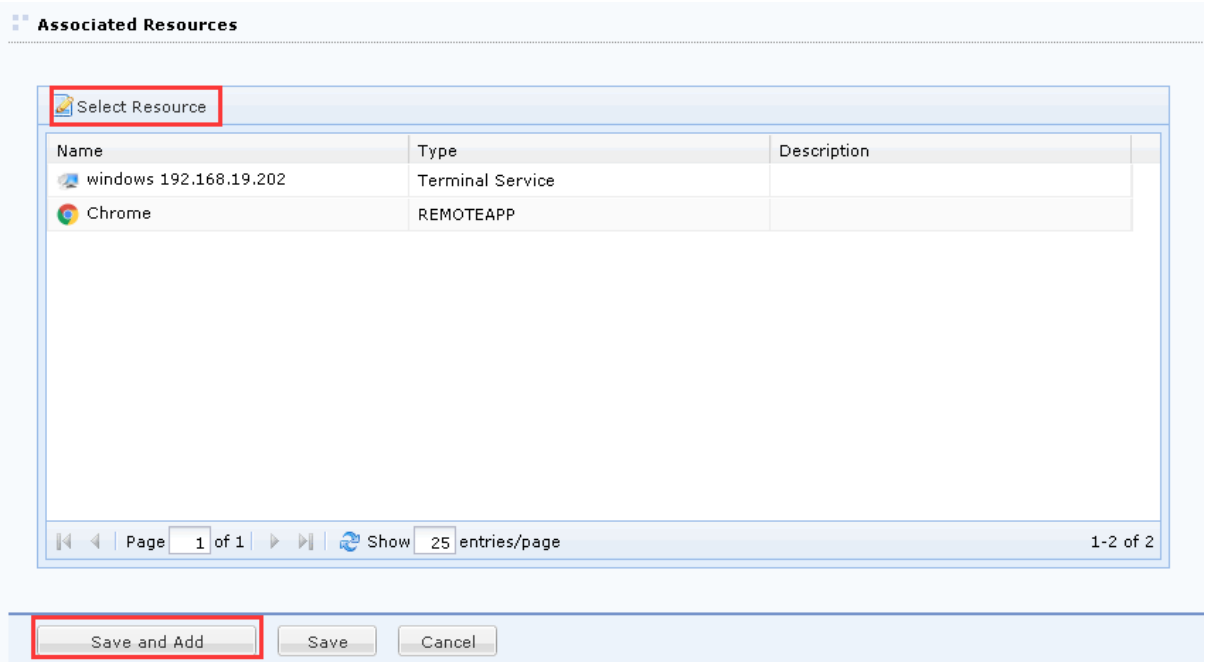
5.5 Associated roles

The VDC restricts the desktop resources that users can access through role authorization. A user can associate multiple roles. A resource can also belong to multiple roles at the same time.



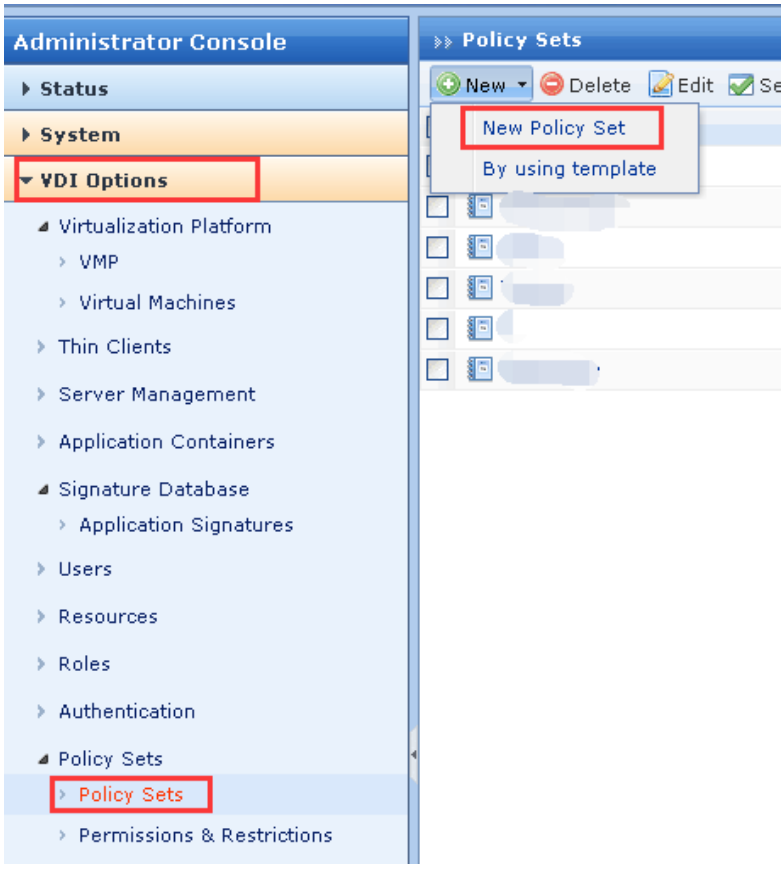
A resource that a user can access is a collection of resources included in the associated role.

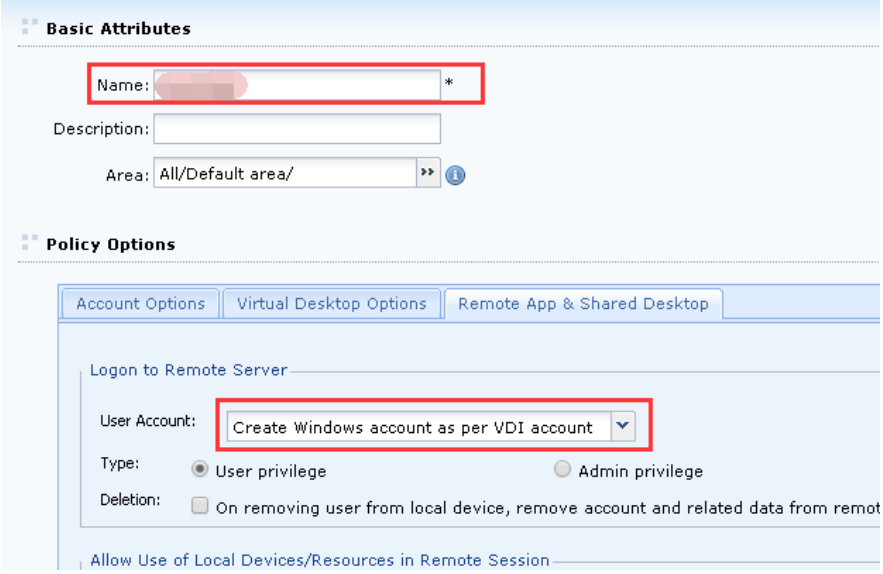




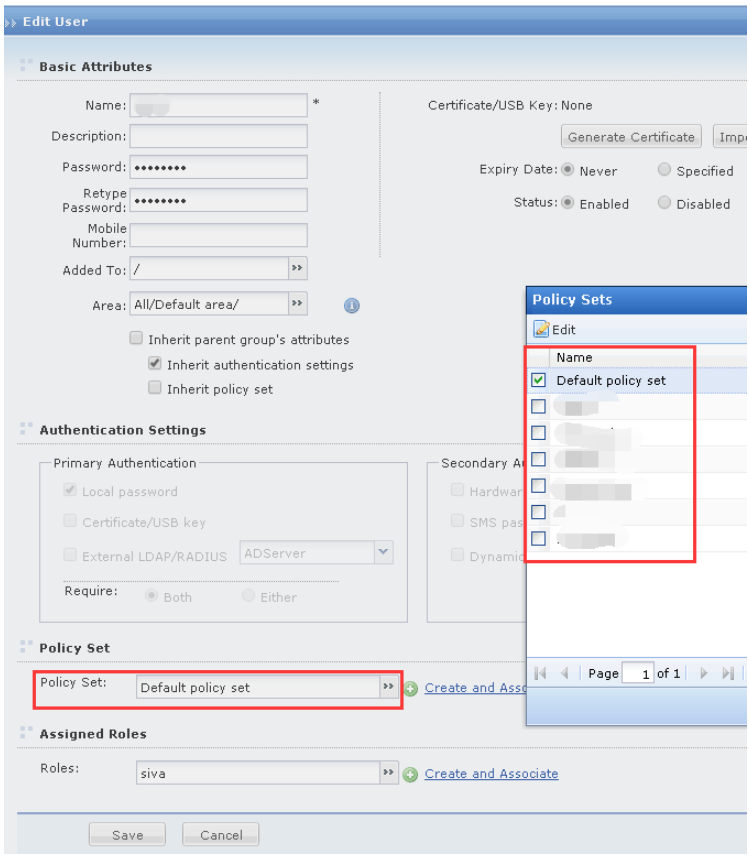
5.6 Editing group policy

The VDC manages user access control over resources through policy groups.





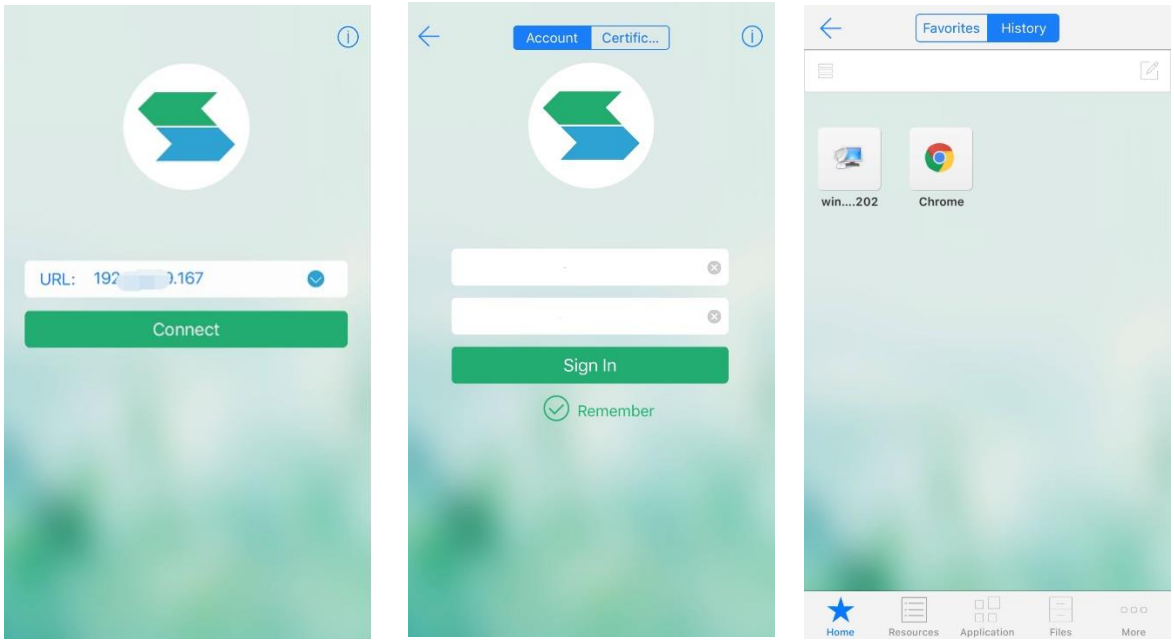
Each user associates the default policy group by default, or you can associate a new policy group with the user for flexible management.



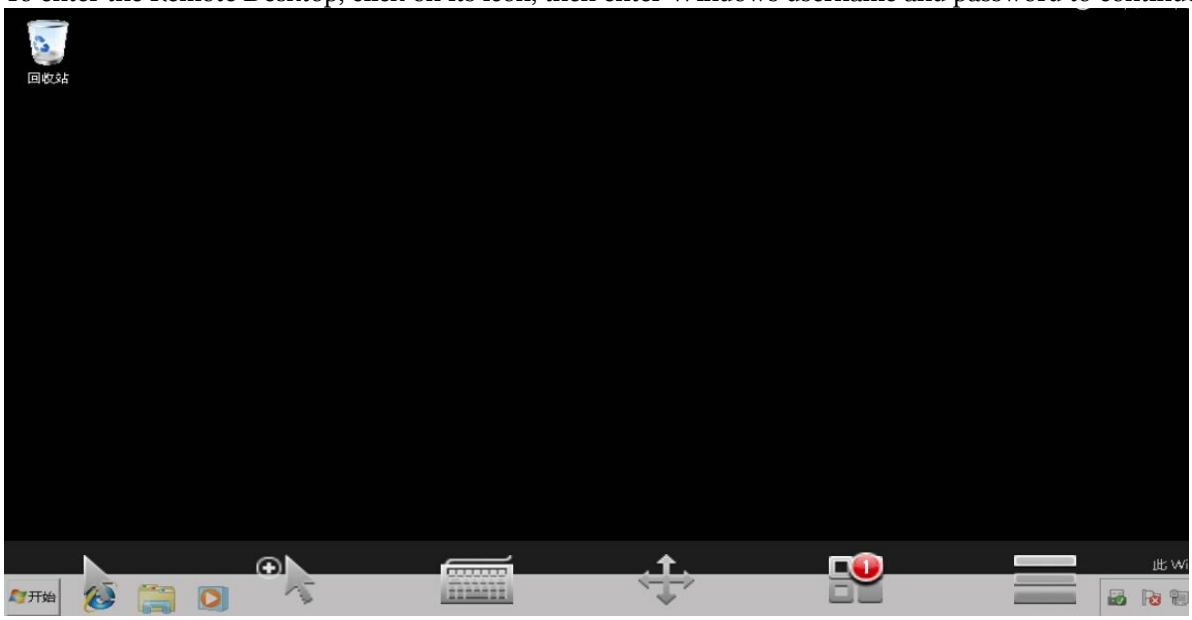
5.7 Test Login

In order to better see the effect, this test takes the mobile terminal as an example. On the mobile terminal of Android or iOS, the mobile access resource can be access by installing the EasyConnect application.

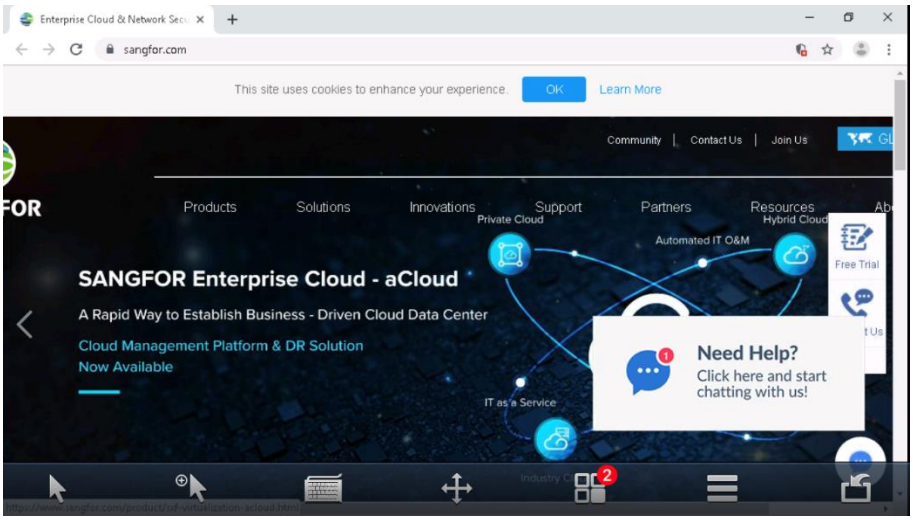
First Enter the URL for login, then enter username and password, and you will see the resource created.



To enter the Remote Desktop, click on its icon, then enter Windows username and password to continue.

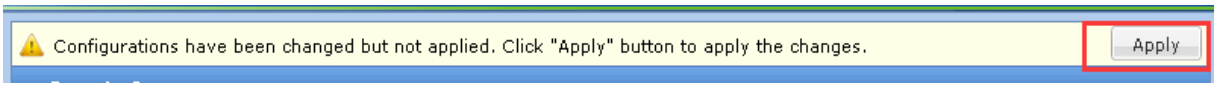


After testing, select "Chrome browser". The Chrome browser should automatically opens www.sangfor.com as configured in the parameter earlier.



6 Precautions

1. After modifying configurations, be sure to click Apply at the top right of the screen.



2. Windows Server system needs to be activated, otherwise the remote application resources may not work properly.
3. VDC and Windows Server use TCP 7170, TCP 7171, TCP 7172 port for communication, The device that passes through the Windows firewall and the intermediate network must allows the port to communicate.
4. If the Windows Server terminal server is added to the AD domain, the terminal server user name needs to fill in the domain suffix. Eg: administrator@sangfor.com
5. Print Spooler and Secondary Logon services need to start on Windows Server, otherwise the terminal server program SFRemoteAppServerInstall.exe installation will fail.
6. It is recommended to ensure that the network between the VPN device and the terminal server has no NAT environment during deployment. Otherwise, the remote application will be abnormal.