

Installing Windows Connector ID Keys on VMware View Master Images

Overview

This section provides information about installing the Connector ID Key on VMware View Composer Templates.

Prerequisites

Important! We assume that you are an Administrator and have full administrative credentials while installing the Connector ID Key on the base image of your template. This document applies to installing Connector ID Key version 4.7.x or higher on VMware View 4 and higher master images.

Preparation

To effectively install the Connector ID Key, do the following:

- If you intend using non persistent desktops within VMware View 4 and constantly refresh desktops using the same hostnames please enable non-persistent desktop tracking within the Stratusphere™ Hub by logging into the Stratusphere™ Hub console and executing the following command:
 - `set system nonpersistent tracking on`
 - `write`
- It is **strongly recommended** to have a DNS Entry for the IP Address of the Stratusphere™ Hub. If you have not already done so, please make sure a DNS entry is added in your DNS Server for the IP Address of the Stratusphere™ Hub. Make sure that the DNS Entry name is updated within the Stratusphere™ Hub Console using the following command:
 - `set system hub dns name <hub.domain.com>`
 - `write`

Connector ID Key Deployment in VMware View Master Image

To install the Connector ID Key on a base image do the following:

1. Power on and log into your VMware View master image.
2. Open your browser and download the Connector ID Key software installer by logging into the Stratusphere™ Management UI's "Administration" section using `ssadmin/sspassword`. Navigate to "Hub Administration > Connector ID Keys > Connector ID Key Software" tab. Download the Windows - Standard Version EXE installer to the local desktop and rename it to `setupCIDKey.exe`.
3. **[OPTIONAL]** Do this step, if and only if, you want to add all the virtual machines and users from this master image to a machine & user group within Stratusphere™ Hub:
 - a. Create a machine group within the Stratusphere™ Hub. To do so, navigate to "Inventory > Machines" tab and click on the "Groups" view link. Add a new group to the list e.g. "DesktopGroup01".
 - b. Create a user group within the Stratusphere™ Hub. To do so, navigate to "Inventory > Users" tab and click on the "Groups" view link. Add a new group to the list e.g. "UserGroup01".

4. Install the Connector ID Key EXE installer on this View master image. Use all the default options in the installer and complete the installation. If you are using the [OPTIONAL] MachineGroup and UserGroup setting above, you can alter the defaults and specify them during the installation wizard. You can also do so on the command line as shown below:

```
setupCIDKey.exe /s [HUBADDRESS=<system.hub.dns.name>]
[MACHINEGROUP="DesktopGroup01"] [USERGROUP="UserGroup01"]
```

Important: /s option is for a silent unattended installation. You will not see any installation wizard. You can also use /q for the same purpose.

[HUBADDRESS=<system.hub.dns.name>] Use this option to point to the Stratusphere™ Hub. This option should be the same as specified in the Stratusphere™ Hub console's "set system hub dns name <hub.ip.or.dns>" command after you run the "show system" command.

[MachineGroup=<...> and UserGroup=<...>] options are optional if you automatically want each machine and all its users to be registered within pre-existing groups.

Please note the [] < > characters denote optional parameters and placeholders and should not be part of the required command line syntax. Specifying these parameters override what is embedded inside the EXE installer.

5. On the base image open a command prompt and execute the bat file as an administrator on the local machine. This script removes the registration material of the CID Key and prepares the image to become the master image:
 - a. C:\Program Files\Liquidware Labs\Connector ID\admin scripts\VMWareView_MasterImagePrep.bat
6. Shut down the base desktop virtual machine, you are now ready to take a snapshot of the machine for using it as the master base image or template.
7. You are now ready to compose virtual desktops through VMware View Composer. Follow your current process for creating a new pool of desktops just as you would under normal circumstances. In VMware View 4.x Automated Desktop Pool configuration, specify the following as Post Synchronization script on the QuickPrep Settings page:
 - a. C:\Program Files\Liquidware Labs\Connector ID\admin scripts\VMWareView_PostSyncScript.bat
8. The new desktops in this pool will be created. When they boot up they will automatically register with the Stratusphere™ Hub under Inventory > Machines tab. When users log in, they too will be registered under Inventory > Users tab.