

Using the Wyse V10L and S10 Thin Clients with VDM

VMware Virtual Desktop Manager 2.0

This technical note provides a reference for configuring Wyse V10L and S10 devices for use with VDM. VDM supports the Wyse V10L and S10 Thin Client devices, running Wyse Thin OS version 5.3.0.9 or later. For detailed information about deploying and managing Wyse thin client devices, contact Wyse directly.

Wyse Thin Client devices with versions of the Wyse Thin OS earlier than 5.3.0.9 do not support HTTPS connection to a VDM Server. You must upgrade the Wyse Thin OS to version 5.3.0.9 or later to use HTTPS.

Unlike VDM Web Access or VDM Client, Wyse thin clients connect to desktop virtual machines directly using RDP and connections do not pass through a VDM Connection Server. As a result Wyse thin clients cannot be used in DMZ deployments.

NOTE Contact Wyse directly for software upgrades and documentation related to Wyse products.

To determine the OS version for a Wyse Thin Client device

- 1 Turn on the thin client device.
- 2 After bootup, the device displays a blank desktop and a **Desktop** menu bar button in the lower-left corner.
- 3 Click **Desktop** and select **System Information**.
- 4 Select the **Devices** tab.
- 5 Check the Wyse Thin OS version.

To upgrade the Wyse Thin OS

- 1 Set up an FTP server with a valid user account for read access.
- 2 In the root of the FTP site, create a folder called Upgrade.
- 3 Unzip the file containing the new version of the OS into the Upgrade folder.
- 4 On your Wyse S10 or V10L Thin Client device, select **DESKTOP > SYSTEM SETUP > NETWORK > SERVER**.
- 5 Under **FILE SERVERS/PATH**, enter the following command:
`<your ftp server IP>/Upgrade/wnos`
- 6 Enter the user name and password in the corresponding fields.
- 7 Reboot your Wyse S10 or V10L Thin Client device.

The unit automatically upgrades the firmware.

- 8 When the upgrade is finished, remove the file server path and user name-password combination in System Setup.
- 9 Reboot the device.

Contact Wyse for documentation about configuring and managing Wyse devices.

To configure the Wyse S10 and V10L Thin Client devices

- 1 Turn on the thin client device.
After bootup, the device displays a blank desktop and a **Desktop** menu bar button in the lower-left corner.
- 2 Click **Desktop** and select **System Information**.
- 3 Select the **Devices** tab.
- 4 Check that the Wyse Thin OS version is 5.3.0.9 or later.
- 5 Click the down arrow in the upper right corner.
- 6 Click **Desktop>System Setup**.
- 7 Select **Network**.
- 8 Select **Servers**.
- 9 In the **VDI Broker** field, type the URL of the VDM Server.
For example: `https://vdm-server.vdmtest.int`
- 10 If you enter https in the field, make sure the **Time Server** entry is valid.
- 11 Close the menu box by clicking the upper-right corner.
- 12 Click **Desktop** and **Shutdown**.
- 13 Select **Shutdown and Restart**.

When you successfully connect to the VDM Server, the client boots up and displays a Wyse login dialog box.

Connecting to Desktops from Wyse Thin Client Devices

Wyse Thin Client devices do not allow you to select a desktop from a list of desktops that you are entitled to. If you are entitled to more than one desktop, you are connected to desktops in the following order: an individual desktop, a persistent pooled desktop, and a non-persistent desktop. Within each category or type of desktop, desktop selection would be random. In other words, if you are entitled to multiple desktops of the same type, there is no way to determine which desktop you will be connected to. VDM provides you with the ability to override this behavior and set a default desktop to connect to when using a Wyse thin client device.

To set a default desktop for a Wyse thin client for use with the VDM Client

- 1 Log into a computer running the VDM Client.
- 2 Select the desktop from the list of desktops a user is entitled to, click **Options**, and select **Use this desktop for thin clients**.
- 3 When the user subsequently logs onto the Wyse thin client, that user will connect to the selected desktop.

To set a default desktop for a Wyse Thin Client for use with VDM Web Access

- 1 Turn on the Wyse Thin Client device.
The device displays a log in box with a populated **Domain** drop-down menu.
If the device fails to contact the VDM Server, an error message is displayed. For more information, click the **Desktop** menu button, select **System Information** and select the **Event Log** tab.

For HTTPS connectivity, the Thin Client device must point to a Time Server. If a Time Server cannot be found, an error appears stating, "The Time Server is not ready."

- 2 Select your domain from the drop-down menu and enter a valid user name and password for a user who is entitled to the desktop.

If the user name and password is valid, the login box disappears and a brief message box appears stating, "Connecting to <ip address>"

If the login is unsuccessful, the login dialog box displays an error message stating that it is unable to allocate a new session.

- 3 When you finish with the virtual desktop, log out.

The device displays the Wyse login box, populated with the domain details of the last VDM server to which you were connected. To connect to a different VDM server, change the VDM Server setting manually and reboot the device. This can be accomplished remotely by an administrator if necessary.