Multi-Factor Authentication for VDI Access Quick Start Guide
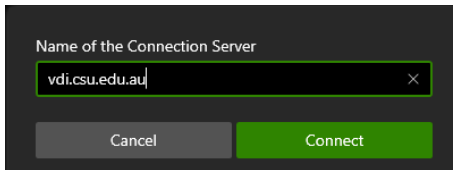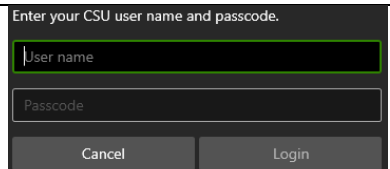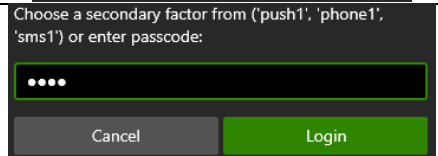
Introduction

This guide will assist you with accessing Virtual Desktop Infrastructure (VDI) at Charles Sturt University. CSU uses VMWare Horizon for its VDI, which requires MFA with Duo Security to access.

Before accessing VDI at Charles Sturt University, you must first enrol a device for MFA. If you have already enrolled a device for Duo MFA, you can skip to Setting up VDI.
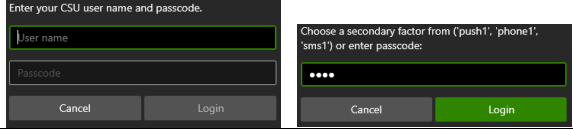
If you need to enrol a new device, follow the Enrol and Activate Multi-Factor Authentication – Quick Start Guide before proceeding with this guide.

Setup VMWare Horizon
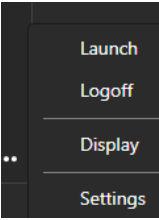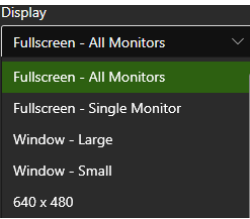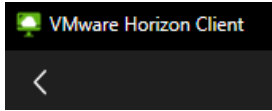
1. Download & Install VMWare Horizon VDI	Click here to download the VMWare Horizon client from their website for Mac or Windows. Double click on the downloaded installer once finished, and follow the installation steps. Click here for detailed instructions on how to download and install the VMWare Horizon client.
2. Once installed, find and open the VMWare Horizon Client Click + Add Server and enter **vdi.csu.edu.au** before clicking **Connect**	Name of the Connection Server vdi.csu.edu.au Cancel Connect
3. Enter your CSU username and password before pressing **Login**	Enter your CSU user name and passcode. User name Passcode Cancel Login
4. Enter the word **push** and click **Login** on the next prompt for a secondary factor. Accept the Duo prompt on your phone	Choose a secondary factor from ('push1', 'phone1', 'sms1') or enter passcode: •••• Cancel Login

Logging into VDI

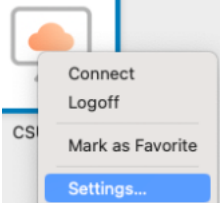|	
1. In the VMWare Horizon Client, double click on the **vdi.csu.edu.au** tile	vdi.csu.edu.au
2. Login with your username and password and Duo prompt as shown above	Enter your CSU user name and passcode. / User name / Passcode / Cancel / Login / Choose a secondary factor from ('push1', 'phone1', 'sms1') or enter passcode: / Cancel / Login
3. Double click on the CSU Student/ Staff tile The VDI session will now open	CSU Staff
NOTE: VMWare Horizon will default to a full screen mode for a seamless experience. You can exit full screen mode to make it a smaller resizable window on your computer or minimise the VDI session by clicking **Exit Fullscreen** or the minimise icon in the toolbar at the top of the screen respectively: Ctrl+Alt+Del USB Devices > Exit Fullscreen ∨ ⋯ ▬ ✕	

Change Display Settings for the VDI Session

Windows		
1. Right click on the **CSU Student/ Staff** tile and select **Settings**. Launch Logoff ·· Display Settings	2. Click on the dropdown menu under **Display** and select the desired option from the list. Display Fullscreen - All Monitors ∨ Fullscreen - All Monitors Fullscreen - Single Monitor Window – Large Window – Small 640 x 480 Note: You can also disable/enable display scaling here using the respective toggle to resolve any issues with large/ small elements in VDI.	3. Click the **<** button at the top left to return to the main menu. VMware Horizon Client <

MacOS		
1. Right click on the **CSU Student/ Staff** tile and select **Settings**. Connect Logoff CS Mark as Favorite Settings…	2. Click on the **Resolution** dropdown menu under the **Display** tab and select the desired option from the list. General USB Display Customize remote desktop settings Resolution: 1920 x 1080 ⊕ This setting depends on the server configuration. Scaling: Automatic ⊕ Note: You can also change the scaling here with the respective dropdown to resolve any issues with large/small elements in VDI.	3. Close the Settings menu to return to the main menu. ● ○ ○