



Installation manual Mac

Remote Access Microdata VMWare environment

Introduction

The Remote Access Microdata environment uses a VPN in combination with RSA hardware tokens as strong authentication for logging into the Remote Access VMware environment.

This document describes the actions that must be performed to set up a Remote Access Microdata session to CBS using the VPN and the Remote Access Microdata VMware environment.

Requirements

You must use a workplace on which the VPN client provided by CBS is installed ¹. In addition, the system must have a VMware client.

The VMware client can be installed from the VMware Website using the link:

Mac: [Download VMware Horizon Clients – VMware Customer Connect](#)

Here you need to download and install the latest version available, by selecting the latest version on the drop down menu Select Version.

The system used to set up the Remote Access Microdata session must meet the following requirements.

Required System Requirements

| | |
|-------------------------|---------------------|
| Operating System | MacOS 10.15 |
| Memory | Minimal 4GB (MacOS) |
| Free disk space | 350 MB |

Required Internet Connectivity

Below traffic to microdata1.cbs.nl (10.1.24.144)
IPSEC and IKE (UDP on port 500)
FW1_scv_keep_alive (UDP port 18233)
HTTPS (TCP 443)

¹ See available installation manual “Manual Installation FortiVPN Remote Access Microdata MacOS.pdf”

Set up VPN

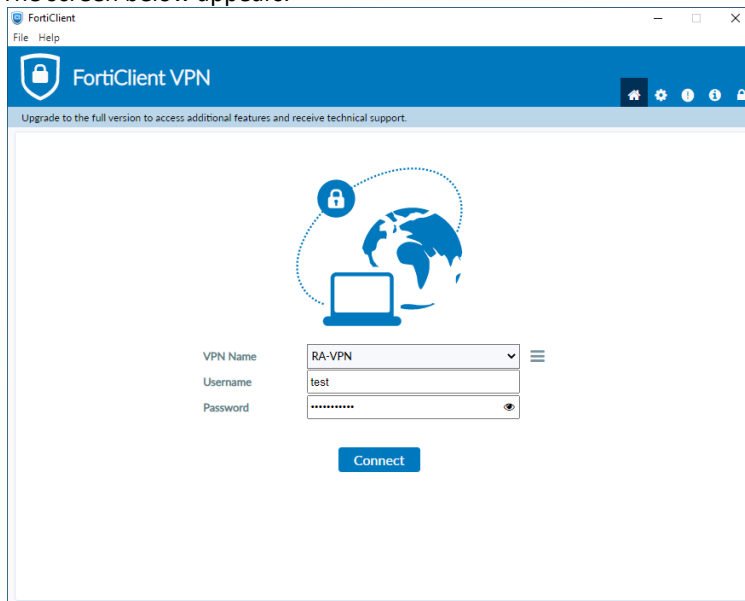
Before the Remote Access Microdata website can be accessed, a VPN to CBS must be set up.

This goes like this:



Double click on the Fortinet VPN icon at the bottom of the screen.

The screen below appears.

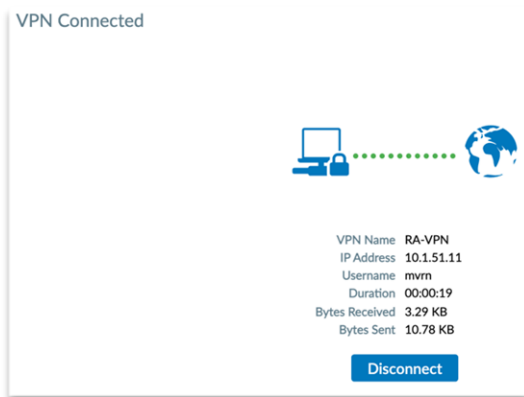


Enter here your VPN account name (4 letter account name), the PIN code of the token and the token code of the RSA hardware token (the number on the token) The token number changes every 60 seconds and must therefore be entered in time. If you wait too long (a few minutes), the code is no longer valid.

Note: A token code cannot be used multiple times. For example, if you used an incorrect PIN code and want to log in again, you must wait until a new token code appears on the hardware token)

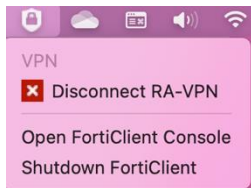
If the VPN has been set up successfully, the following messages may appear.





As long as the VPN is active, it is only possible to connect to the website for the Remote Access for the Microdata with an Internet browser. Other Internet addresses are not accessible.

To disconnect the VPN, click on the FortiClient VPN icon at the top of the screen and select Disconnect RA-VPN.



After disconnecting the VPN, all Internet sites are accessible again. If you still had a Remote Access Microdata session active at that time, it will no longer be accessible. In that case, the session will be disconnected.

Starting the VMware Client

The first time you use the VMware client, you need to configure it. It goes like this:

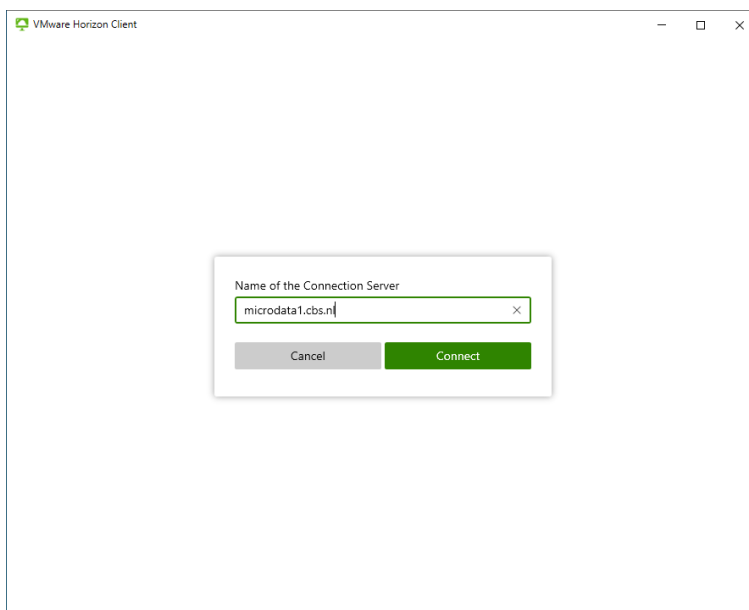
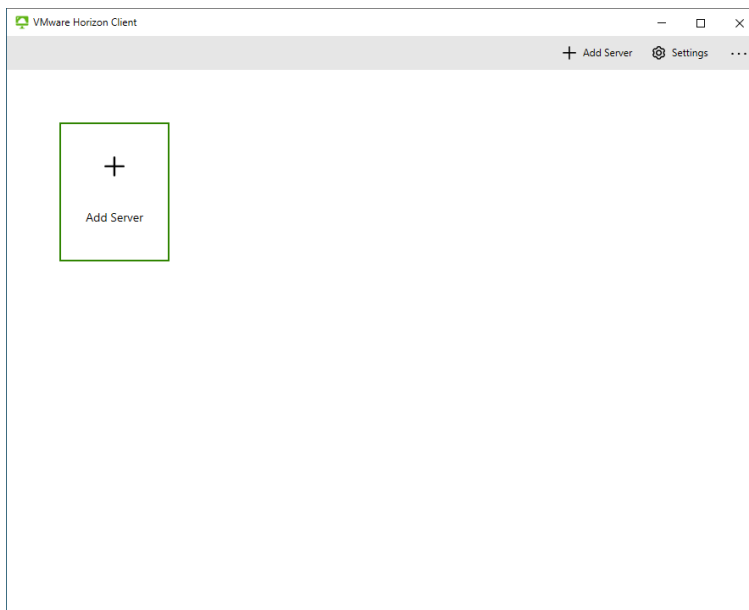
Set up a VPN to the Remote Access environment.

Set up a VPN to the Remote Access environment Start the VMware Horizon client, located in the Launchpad.

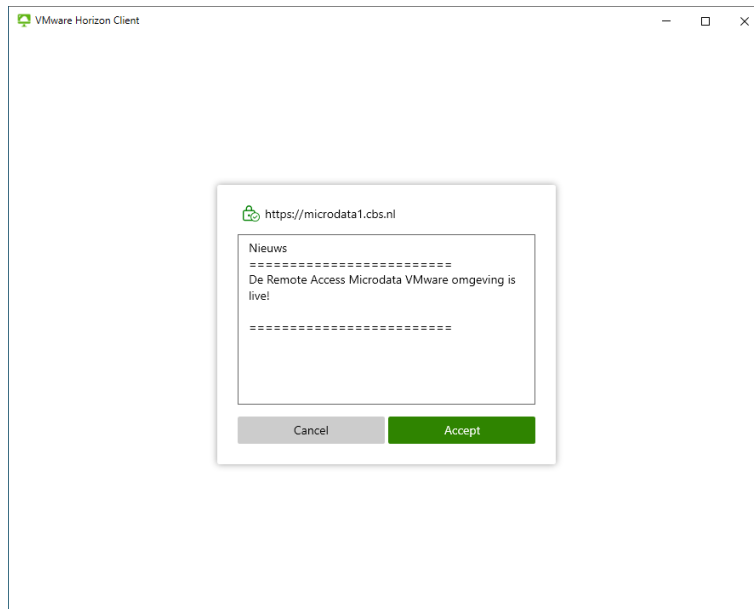
If you have not installed it, install it first.

For the download link see above under **Requirements**.

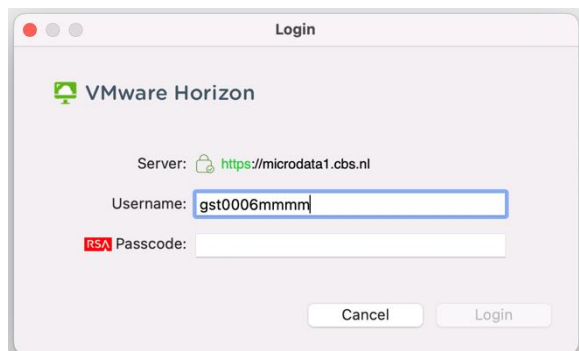
Click on **Add Server**, then enter **microdata1.cbs.nl** and click on **Connect**



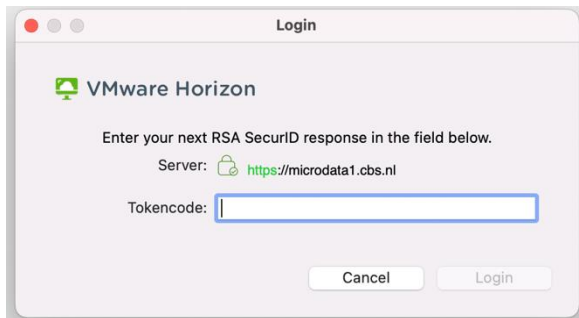
At the next screen, click **Accept**



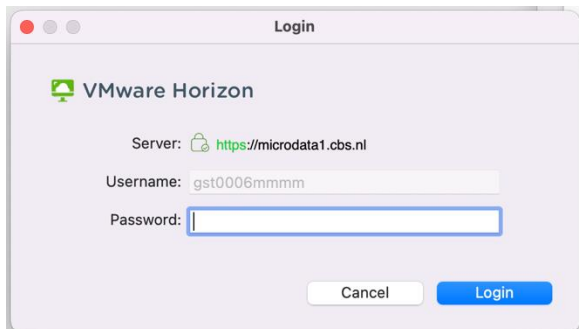
On the next screen, enter the Microdata account and the Project PIN code (4 digits), for example, if your Microdata account is: gst1234test, then the RSA Passcode is: 1234. Click **Login**



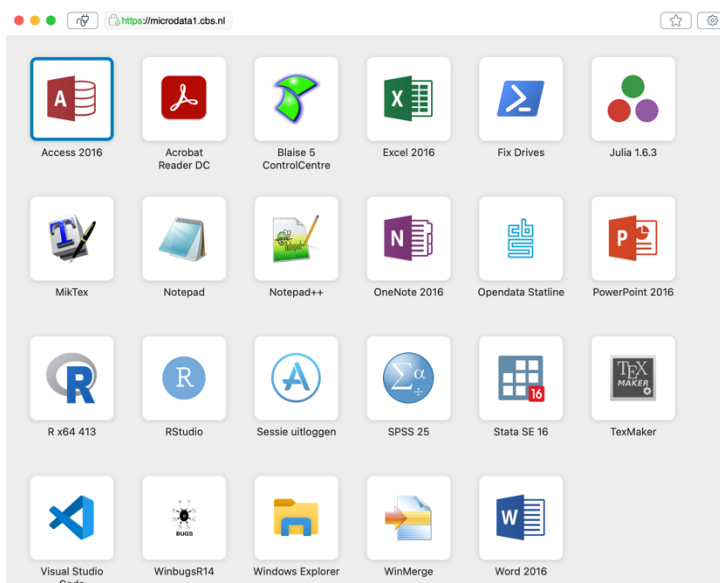
An SMS with an 8 digit code is sent to the mobile phone. Enter this code in the next screen), click **Login**



Enter the password of the Microdata account in the next screen), click **Login**



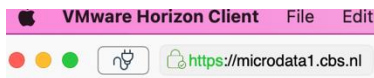
You are now logged in to the VMware Microdata environment and an application session can now be started.




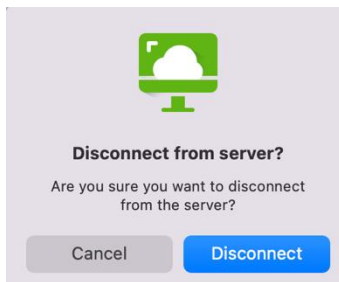
By double clicking on an application you can start a session to that application.

Useful information

Exit VMWare Remote Access environment of CBS:



Click on top left  and then on **Disconnect**.



The sessions are not logged out and continue to run in the Remote Access environment of CBS.

Log out applications:

If you want to close applications, for example because they are not responding, you can do this by clicking on

“Log out session”

or

“Logout Session (Zwaar)” for applications on the heavy server.

