Your Mission: Use Microsoft RemoteFX USB Redirection to forward an F-Response Dongle

Note: This guide assumes you have installed F-Response Consultant, Consultant + Covert, or Enterprise and your F-Response licensing dongle is plugged into your analyst machine. This guide also assumes your remote analyst machine where the dongle will appear via RDP is Windows Server 2012r2 and your local analyst machine hosting the physical dongle is Windows 7 with Service Pack 1 or greater, or Windows Server 2008r2 with Service Pack 1 or greater.

Step 1. Enable RemoteFX USB Redirection of the physical dongle on your analyst

machine.

On your local analyst machine, RemoteFX USB Redirection must be enabled in order to allow the HID device to be forwarded through the RDP connection.

- 1. Run > gpedit.msc
- 2. Select Computer Configuration > Administrative Templates > Windows Components > Remote Desktop Services > Remote Desktop Connection Client > RemoteFX USB Device Redirection
- 3. Open Allow RDP redirection of other supported RemoteFX USB devices from this computer and select Enable > OK.

See Allow RDP redirection of other supported RemoteFX USB devices from this computer 😑 🗖 🗙				
Allow RDP redirection of other supported RemoteFX USB devices from this computer				
Previous Setting	<u>N</u> ext Setting			
O Not <u>C</u> onfigured	Comment:	^		
• Enabled				
O <u>D</u> isabled		~		
	Supported on:	At least Windows 7 with Service Pack 1 or Windows Server 2008 R2 with Service Pack 1		
Options:		Help:		
Options: RemoteFX USB Redirection Access Rights Adminstrators Only		This policy setting allows you to permit RDP redirection of other supported RemoteFX USB devices from this computer. Redirected RemoteFX USB devices will not be available for local usage on this computer. If you enable this policy setting, you can choose to give the ability to redirect other supported RemoteFX USB devices over RDP to all users or only to users who are in the Administrators group on the computer. If you disable or do not configure this policy setting, other supported RemoteFX USB devices are not available for RDP redirection by using any user account. For this change to take effect, you must restart Windows.		
		OK Cancel Apply		



Step 2. Enable Remote Desktop Session Host (RDSH) Role on the remote Windows 2012R2

In order use RemoteFX to forward the dongle to your remote analyst machine running the F-Response software, the Remote Desktop Session Host (RDSH) role must be installed.

- 1. Open Server Manager > Manage > Add Roles and Features
- 2. Select Next until you reach the Server Roles page. Select Remote Desktop Services.

2	Add Roles and Features Wizard	_ D X
Select server roles		DESTINATION SERVER BN1MINOSGSIH502.mgmt.live
Before You Begin	Select one or more roles to install on the selected server.	
Installation Type	Roles	Description
Server Selection		 Remote Desktop Services enables
Server Roles	Application Server DHCP Server	users to access virtual desktops,
Features	DNS Server	RemoteApp programs. Use the
Remote Desktop Services	Fax Server	Remote Desktop Services installation
Role Services	File and Storage Services (1 of 12 installed)	based or a Session-based desktop
Confirmation	Hyper-V	deployment.
Results	Network Policy and Access Services	
	Print and Document Services	
	Kemote Access	=
	Volume Activation Services	
	Web Server (IIS)	
	Windows Deployment Services	
	Windows Server Essentials Experience	
	Windows Server Update Services	×
	< Previous	Next > Install Cancel

- 3. On the Features page, click Next.
- 4. On the **Remote Desktop Services** page, click **Next**.
- 5. On the Role Service page, select Remote Desktop Session Host.



Destination Server Before You Begin Installation Type Server Selection Server Roles Peatures Remote Desktop Services Confirmation Results Peatures Confirmation Results	Ē.	Add Roles and Features Wizard	_ D X
	Select role service Before You Begin Installation Type Server Selection Server Roles Features Remote Desktop Services Role Services Confirmation Results	Add Roles and Features Wizard Select the role services to install for Remote Desktop Services Remote Desktop Connection Broker Remote Desktop Gateway Remote Desktop Session Host Remote Desktop Virtualization Host Remote Desktop Web Access	DESTINATION SERVER BNIMINOSGSIH502.mgmtlive
< Previous Next > Install Cancel			

- 6. Click Add Features when prompted.
- 7. Click **Install** on the Confirmation page.
- 8. Reboot is required to complete the RDSH installation.

Step 3. Using RemoteFX to forward the HID Dongle

On the local analyst machine where the physical dongle is located, the following final steps must be performed in order to successfully forward the dongle to the remote analyst machine.

The F-Response dongle can be forwarded either prior to initiating the RDP connection, or after the connection has been established.

Prior to establishing RDP session

- 1. Within the RDP connection settings, choose Options > Local Resources
- 2. Under Local devices and resources, click More
- 3. Expand Other supported RemoteFX USB devices
- 4. Select USB Input Device (HID-compliant vendor-defined device)



-	Remote Desktop Connection	×
S	Remote Desktop Connection	
Local devic	es and resources	
Choose t use in yo	he devices and resources on this computer that you want to ur remote session.	
	Drives Other supported Plug and Play (PnP) devices Other supported RemoteFX USB devices □ Plantronics C620-M □ Polycom CX300 □ TouchChip Fingerprint Coprocessor (WBF advanced mode ✓ USB Input Device (HID-compliant vendor-defined device)	
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	OK Cance	*

After establishing RDP session

In order to enable forwarding after the session has been established, the session must be in full screen in order to see the RDP menu items.

1. With RemoteFX enabled, you will see a new menu option once the RDP session has been established. Select the computer icon from the full screen menu.



2. Select USB Input Device (HID-compliant vendor-defined device)



5	Remote Desktop Connection ×
N	Remote Desktop Connection
Local dev	ices and resources
Choose use in y	the devices and resources on this computer that you want to our remote session.
 Other supported RemoteFX USB devices Plantronics C620-M Polycom CX300 TouchChip Fingerprint Coprocessor (WBF advanced mode) USB Input Device (HID-compliant vendor-defined device) 	
	OK Cancel

3. The USB dongle light will flash until the drivers have been loaded on the server side. Once the light is solid, start the F-Response Licensing service.

