

How to Configure a Secure Gateway in Remote Desktop Manager



YOU CAN NOW USE RDM TO JUMP THROUGH A DMZ

Greetings, brave IT pros. Your mission, should you choose to accept it: jump through a DMZ zone directly into an SSH server. The Team: You and RDM.

OK, I have been watching too much Mission: Impossible lately. But I promise you that this challenge is easily possible, because you can now use RDM to jump through a DMZ (sometimes referred to as a perimeter network or screened subnet) and directly into an SSH server. So let's get this show on the road!

Configure the Jump Server

1. Create a new SSH Tunnel entry in RDM. In the **General** section, enter the SSH server information for access to the DMZ zone (#1). Then in the **Outgoing Tunnel Settings**, configure the **Mode** to **Dynamic** and the **Source** to **127.0.0.1** (#2).

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eneral	Folder	LAB Env	LAB Environment/by Services / Protocols/RDP over SSH *			
ore	Display	Embedded (tabbed)				
ermissions	Credentials	Default •				
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N/SSH/Gateway	General					
er Interface	Host		192.168.7.16	Port 60016		
formation			Set host public key			
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			Source port Default			
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2. If you wish to keep your Secure Gateway window hidden, then go to the **Advanced** tab and check **Hide** when connection successful.

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More	Display	Embedded (tabbed)		-		
Permissions	Credentials	Default				
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iser Interface	Inte	ernet protocol	Default	-		
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ivents	Del	ay before reconnecting	30 🗘 sec			
ogs	Disg	olay error messages	Default	•		
Advanced	Abs	ays accept fingerprint	Default	-		
Management Tools	, E	Verbose	Enable GSS API authenti	ation		
		Show logs Hide when connection successful	Enable GSS API credents	i delegation		
		Enable TCP keepalives	Enable logging			
	se	conds 1 C	Log path			
		Use SSH authentication agent				
		Allow SSH authentication agent forwarding				
		No shell				
SSH Tunnel		joop environment variable setup				

The Jump server (secure gateway) is now configured and ready to use.

Configure the Target Machine Session

Next, you need to configure the target machine session. RDM supports RDP and web browser over the secure gateway.

3. In the **General** side menu – under the **General** tab of your target machine session (in the example below, I'm using an RDP session), configure the **Host, Port, Username, Domain** and **Password** (note: forget the old configuration, do not enter a localhost IP 127.0.0.1).



4. Next, click on the **VPN/SSH/Gateway** (#1) side menu for the Secure Gateway Configuration. Select the **Open** and **Close** options (#2) based on your requirements. If you wish, you can also configure the **VPN Group** (#3) as explained in our Online Help Portal (<u>click here for more information</u>). We strongly recommend configuring a VPN Group if many RDP/Web Browser sessions use the same secure gateway. Lastly, click on the **Type** (#4) dropdown and select **Existing SSH** (#5).



5. Under the **Settings** tab, click on the ellipsis next to the Session dropdown menu and select the SSH Secure Gateway that you wish to use. Then check **Use over secure gateway**.

Remote Desktop Manage	er - RDP ov	er Secure Gateway [Lab]	•	
Settings	^	General Settings Advanced		
General		Settings	-	
More		Session LAB Environment/by Services / Protocols/RDP over SSH Secure Gateway/Secure Gateway		
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USER INCOMPANY				
information		Other		
lump Host		Override visibility		
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Advanced		Override parent (\$PARENT_HOST\$) Porce "allow multiple instances" of VPN		
Management Tools	~			
) RDP (Microsoft Rem Desktop)	ote			
Configured	٠			
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6. By default, the waiting time for the VPN session is set to 1 second. If you wish to change this, click on the **Advanced** tab and, in the **After Execute Wait** section, change the delay to the number of seconds you want.

Remote Desktop Manager - RD	P over Secure Gateway [Lab]		•	×
Settings	General Settage Advanced			
General	Advanced			
More	Go Offline on connection Go Online on disconnect			
Permissions	Close connection after 0 1 min Use adapter to detect connection			
Password Management	Detect reachable host in wait			
Security Settings	VPN reconnect mode Default +			
Session Recording	ALLE LICENE WAR			
VPN/SSH/Gateway	Delay - 1 C sec			
User Interface				
Information	Commands			
Jump Host				
Events		+	Add	
Logs		1	Edit	
Advanced		×	Delete	
Management Tools	After Connect VPN command enabled			
	Run routes in batch (Forces elevated rights)			
Desktop)				
Configured -				
Variables	Search property	OK	Cano	oel

As required, repeat the "**Configure the target machine session**" steps for each additional session that uses the secure gateway.

Both sessions are now configured, and you're ready to start the RDP session. Everything else will be performed automatically by RDM.

And now you can proudly say: Mission Accomplished!