Add servers behind a Tunnel Host in SSH Gateway or Add servers that are accessible via port forwarding via the ssh gateway server.

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Adding Servers via Tunnel Host in SSH Gateway or Servers Accessible via Port Forwarding through SSH Gateway

Overview: This article explains how to utilize Ezeelogin's Tunnel Host feature to integrate servers located behind NAT or routers into the SSH gateway. By forwarding ports through a designated Tunnel Host, it allows secure access to servers with private IP addresses via a gateway with a public IP.

The tunnel Host feature lets you add in server in a LAN or behind a router on a different network into the Ezeelogin SSH gateway. As shown in the diagram below, servers A & B can be added to the SSH Jumphost even though they are behind a NAT and hence have private IPs.

In this scenario, the Tunnel Host feature is useful for adding servers with only public IPs to the SSH gateway. It allows you to include servers located behind a router (Router R) by forwarding ports, enabling access to machines within the LAN.



The **tunnel** Host feature is used to add target servers that are not directly accessible but can be accessed only via forwarded ports on the tunnel host server **RouterR.eznoc.com**. The **tunnel Host variable** is found under the **Advanced section** while adding a new server.

Step 1: To add and access the SSH server ServerA.eznoc.com, which has a private IP of 192.168.1.2 and is located behind RouterR.eznoc.com, input the following values. The forwarding port 999 on RouterR.eznoc.com should be entered in the SSH port field.

Ezeelogin Velcome, Administrator Logou		
E Servers	Add Server	
 Server Groups 	Hostname	IP Address(es)
Super Groups Sub SSH Users	ServerA.eznoc.com	192.168.1.2
 Sub SSH User Maps 	Remote SSH / RDP Login User	SSH / RDP Password
mExec lists	root	
► Import	SSH Private Key 2	COLL Kau Deserbase @
Global Key Key Management		
🖬 Web Portals	SSH Port	SSH
1 Users	999	enabled \$
Access Control	Password Management keep server password	group +
⁰₀ Settings ►	RDP Port	RDP 🐵
🛞 Cluster	3389	×
Command Guard	Windows Domain 🕶	Datacenter
Account	Control Panel 🥶	First Prompt 🥥

Step 2: In the Advanced section of ServerA.eznoc.com, set the Tunnel Host to RouterR.eznoc.com. Enter its IP address, 200.11.1.22, as shown below.

Ezeelogin				Welcome, Administrator Logout
t≣ Servers ▼	•		None	
 Server Groups 	1 		Cancel Save	
 Super Groups 				and the second
▶ Sub SSH Users		Advanced		0
Sub SSH User Maps				
mExec lists		Control Panel User 🥥	Control Panel Password	
► Import	h.			
▶ Global Key		Control Panel Host 🐵	Switch User 🐵	
 Key Management 				
Web Portals		Switch User Password 🕢	Password Prompt 💿	
北 Users ►	×		ssword:	
Access Control		Privilege Escalation 🕡	Root Prompt 📦	
[¢] ₀ Settings ►			Remote Console Host 😨	
🛞 Cluster		200.11.1.22		
		Remote Console User 🥹	Remote Console Password 🥪	
n Account		On Host 🗑	Host Node 🥹	

Step 3: Similarly, to add and access the RDP server ServerB.eznoc.com with private IP address 192.168.1.3 behind RouterR.eznoc.com, enter the values as shown below. Disable the SSH field since this is a Windows server. The forwarding port of 8888 on RouterR is entered in the SSH port field.

Ezeelogin			Welcome, Administrator Logout
t≣ Servers ▼	•	Add Server	0
 Server Groups 	×	Hostname	IB Address(a)
 Super Groups 		noonano	ir Autress(es)
 Sub SSH Users 		ServerA.eznoc.com	192.168.1.3
 Sub SSH User Maps 		Remote SSH / RDP Login User	SSH / RDP Password
 mExec lists 		root	
► Import		SSH Private Kov 👰	
 Global Key 		Son Frivate Key	SSH Key Passphrase 🐵
 Key Management 	6. 6		
🖬 Web Portals 🔹 🕨		SSH Port	SSH
		8888	disabled 🗘
tt Users ►		Password Management 🥶	Server Group
🖬 Access Control 🛛 🕨		keep server password	group \$
⁰₀ Settings →		RDP Port	RDP 🥥
🛞 Cluster		3389	×
Command Guard		Windows Domain 🥹	Datacenter 🕑
Account ►	×	Control Panel 🥪	- None
	1000		

Step 4: Under the **Advanced settings** of ServerB.eznoc.com, the Tunnel Host is set as RouterR.eznoc.com so its IP address 200.11.1.22 is entered as shown below.

Ezeelogin		Welcome, Administrator Logout
E Servers		None 🗘
 Server Groups 		Cancel Save
► Super Groups		
► Sub SSH Users	Advanced	0
 Sub SSH User Maps 		
 mExec lists 	Control Panel User 🥑	Control Panel Password
► Import		
 Global Key 	Control Panel Host 🖗	Switch User 🐵
 Key Management 		
🖬 Web Portals 🔹 🕨	Switch User Password 🕢	Password Prompt 😡
14. Users		ssword:
Access Control	Privilege Escalation 💿	Root Prompt 🕑
⁰₀ Settings ►	Tunnel Host @	Remote Console Host 🗑
🛞 Cluster	200.11.1.22	
Command Guard	Remote Console User 🕑	Remote Console Password 🥪
Account		
	On Host 🔍	Host Node 🥝

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Online URL:

https://www.ezeelogin.com/kb/article/add-servers-behind-a-tunnel-host-in-ssh-gateway-or-add-servers-that-are-accessible-via-port-forwarding-via-the-ssh-gateway-server-176.html