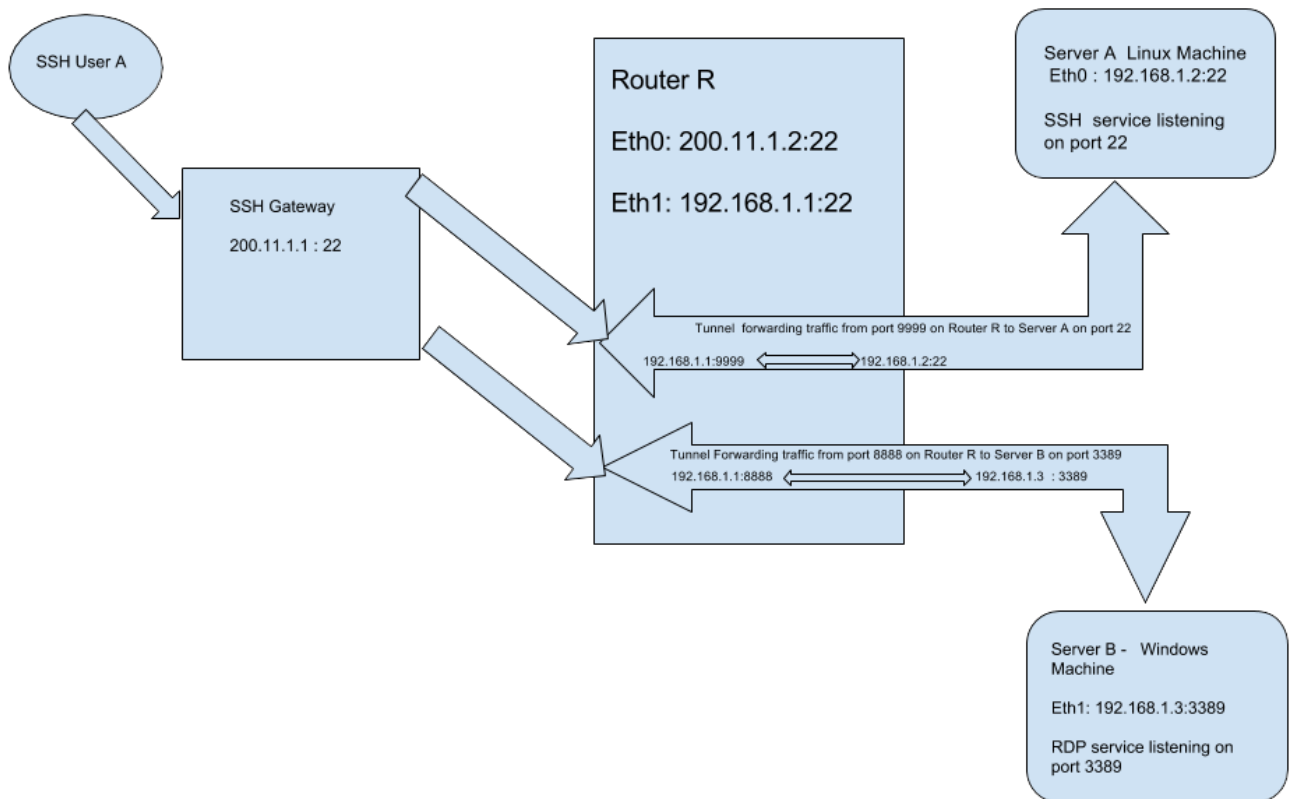


Add servers behind a Tunnel Host in SSH Gateway or Add servers that are accessible via port forwarding via the ssh gateway server.

176 admin February 1, 2018 [Productivity & Efficiency Features](#), [Technical](#) 23850

Tunnel Host feature lets you add in server in a LAN or behind router on a different network into the Ezeelogin SSH gateway. As shown in the diagram below, Server A & B can be added into the SSH Jumphost even though they are behind a NAT hence has private IPs. In such scenario the tunnel host feature would be useful to add in servers into the ssh gateway that has only public ips. Tunnel host lets you add in servers that are behind a Router R but has the ports being forwarded so that the machines in LAN can be accessed.



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. Tunnel Host variable is found under the Advanced section while adding a new server.

To add and access the SSH server on ServerA.eznoc.com with the private ip 192.168.1.2 behind RouterR.eznoc.com, we enter the values as shown in the diagram below. The forwarding port of 9999 on RouterR.eznoc.com is entered in the SSH port field.

The screenshot displays the 'Add Server' configuration interface in the ezeelogin application. The interface is divided into a left sidebar with navigation options and a main configuration area. The sidebar includes 'Servers' (with sub-items like Server Groups, Super Groups, Sub SSH Users, etc.), 'Web Portals', 'Users', and 'Access Control'. The main area is titled 'Add Server' and contains the following fields:

- Hostname:** ServerA.eznoc.com
- IP Address(es):** 192.168.1.2
- SSH Private Key:** (Empty text field)
- SSH Password / RDP Password:** (Masked with dots)
- SSH Key Passphrase:** (Empty text field)
- Password Management:** keep server password (dropdown)
- SSH Port:** 9999
- Server Group:** Linux (dropdown)
- SSH:** enabled (dropdown)
- Remote SSH login user / RDP login user:** root

Under the Advanced settings of ServerA.eznoc.com, the Tunnel Host is set as RouterR.eznoc.com so its ipaddress of 200.11.1.22 is entered as shown below.

The screenshot shows the 'ezeelogin' web interface. On the left is a red sidebar menu with the 'Servers' section expanded, showing options like 'Server Groups', 'Super Groups', 'Sub SSH Users', 'Sub SSH Users Maps', 'mExec lists', 'Import', 'Global Key', and 'Key Management'. The main content area has a light beige background and contains several configuration fields, each with a blue question mark icon for help. The fields are: 'Switch User Password' (empty), 'First Prompt' (containing 'js'), 'Sudo' (with a disabled checkbox and an 'x' icon), 'Tunnel Host' (containing '200.11.1.22'), 'Password Prompt' (containing 'Password:'), 'Root Prompt' (empty), 'Remote Console Host' (empty), and 'Remote Console Password' (empty). At the top right of the interface, there is a user profile icon and the text 'Welcome, Administrator Logout'.

Similarly, to add and access the RDP server on ServerB.eznoc.com with private ip address 192.168.1.3 behind RouterR.eznoc.com, we enter the values as shown in the diagram below. We 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

Servers

Server Groups

Super Groups

Sub SSH Users

Sub SSH Users Maps

mExec lists

Import

Global Key

Key Management

Web Portals

Users

Access Control

Settings

Cluster

Command Guard

Account

Help

License

Feedback

Add Server

Hostname

ServerB.eznoc.com

SSH Private Key

SSH Key Passphrase

Password Management

keep server password

SSH Port

8888

Control Panel

None

Description

RDP

☒

RDP Port

3389

IP Address(es)

192.168.1.3

SSH Password / RDP Password

.....

Server Group

Linux

SSH

disabled

Remote SSH login user / RDP login user

root

Datacenter

None

Clone a server

None

Select SSH Private Key

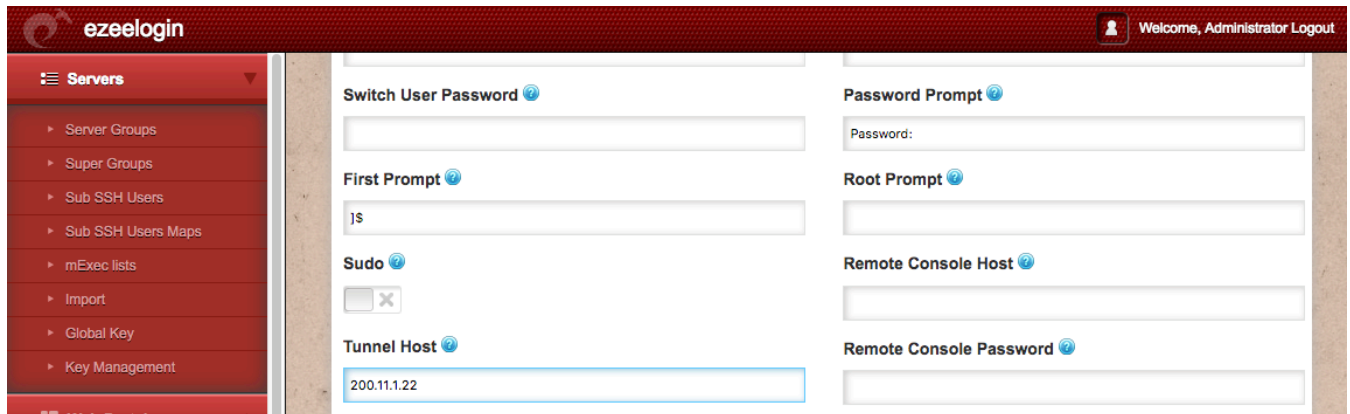
None

Windows Domain

Cancel

Save

Under the Advanced settings of ServerA.eznoc.com, the Tunnel Host is set as RouterR.eznoc.com so its ipaddress of 200.11.1.22 is entered as shown below.



The screenshot shows the ezeelogin web interface. On the left is a red sidebar with a 'Servers' menu. The main content area is white and contains several configuration fields. The 'Tunnel Host' field is highlighted with a blue border and contains the text '200.11.1.22'. Other fields include 'Switch User Password', 'First Prompt' (set to 'js'), 'Sudo' (with a checkbox), 'Password Prompt', 'Root Prompt', 'Remote Console Host', and 'Remote Console Password'. The top of the page has a dark red header with the ezeelogin logo and a user welcome message.

| Field | Value |
|-------------------------|--------------------------|
| Switch User Password | |
| First Prompt | js |
| Sudo | <input type="checkbox"/> |
| Tunnel Host | 200.11.1.22 |
| Password Prompt | |
| Root Prompt | |
| Remote Console Host | |
| Remote Console Password | |

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>