

Assigning Static IP Addresses to Zeroshell OpenVPN Hosts/Clients

Connect to the Zeroshell Command Line using SSH, Console Port or Monitor/Keyboard.

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Z e r o S h e l l - N e t S e r v i c e s   1.0.beta12           July 22, 2009 - 15:58  
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Hostname : zeroshell.example.com  
CPU (1)  : Intel(R) Pentium(R) D CPU 3.00GHz   2396MHz  
Kernel   : 2.6.25.20  
Memory   : 255600 kB                               https://192.168.0.75  
Uptime   : 0 days, 4:56  
Load     : 0.00 0.00 0.00  
Profile  : VMWare DB  
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COMMAND MENU  
<A> Activate Profile           <P> Change admin password  
<D> Deactivate Profile        <T> Show Routing Table  
<S> Shell Prompt              <F> Show Firewall Rules  
<R> Reboot                    <N> Show Network Interface  
<H> Shutdown                  <Z> Fail-Safe Mode  
<B> Create a Bridge           <I> IP Manager  
<W> WiFi Manager  
  
Select: _
```

Type the letter "**S**" to get to the Zeroshell Command Prompt
Enter the Zeroshell **Admin Password** and press [ENTER]
You will be at the **Zeroshell Command Prompt**.

1) **router>**

2) **router> cd /DB/_DB.001/var/register/system/openvpn** [ENTER]

a) The **_DB.00?** may vary. For example:
_DB.001, _DB.002, _DB.003, _DB.005 etc.....

3) **openvpn> mkdir ccd** [ENTER]

4) **openvpn> cd /DB/_DB.001/var/register/system/openvpn/ccd** [ENTER]

5) **ccd> touch User-ID** [ENTER]

a) Create a file for each Host connecting to Zeroshell OpenVPN you wish to assign a Static IP Address.

Example: **ccd> touch jdoe**
ccd> touch jsmith

b) The remaining Zeroshell OpenVPN Host/Clients can be Dynamically Assigned.

6) **ccd> vi User-ID** [ENTER], type the letter (i) to insert text.

Example: **ccd> vi jdoe**
ccd> vi jsmith

a) Add this line to the file "**ifconfig-push "IP Address" "Subnet"**"

Example: **ifconfig-push 192.168.10.51 255.255.255.0**

b) Press (**ESC**) (:)(**x**) [ENTER] to save and exit the file.

7) In the Zeroshell OpenVPN GUI "**Command Line Parameters**" enter the command:
--client-config-dir /DB/_DB.001/var/register/system/openvpn/ccd

a) AGAIN - The **_DB.00?** may vary. For example:

_DB.001, _DB.002, _DB.003, _DB.005 etc.....

8) Connect to Zeroshell using your OpenVPN Client and verify that the Static IP Address has been assigned.

a) If the Zeroshell Host/Client is not assigned the Static IP Address, try creating or moving the **CCD** Directory to the other available **_DB.00?** Directory

b) If you place the **CCD** into another **_DB.00?** Directory, do not forget to correct the Zeroshell OpenVPN GUI "**Command Line Parameters**" and save the changes.

Example: **--client-config-dir /DB/_DB.00?/var/register/system/openvpn/ccd**

9) Please Remember to exclude the Address Range being **Statically Assigned** from the address range being **Dynamically Assigned**.

ENJOY!!!!

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