

## Configuring the IP Address and Network Settings Using the Command Line Interface (CLI)

<https://campus.barracuda.com/doc/73698145/>

You can modify the IP address and network settings through the Command Line Interface (CLI). In the administrative console, use the down arrow key in the keyboard to navigate to other sections, and use the right arrow key to modify and save the changes.

To modify the network settings from the administrative console:

1. Connect your keyboard and monitor directly to the Barracuda Web Application Firewall.
2. At the barracuda login prompt, login to the console using the following credentials:  
**login:** *admin*  
**password:** If your appliance serial number is higher than 1311431, then the default administrator password is the *numeric portion of the serial number*. If your serial number is 1311431 or lower, then the default administrator password is *admin*. For help finding the serial number of your appliance, see [Serial Number for Hardware and Virtual Appliances](#).
3. The **System Configuration** utility appears with the sections that can be viewed and modified.
  - **Status** - View the Barracuda Web Application Firewall model and the firmware version details.
  - **Language** - Set the language. By default, the language is set to **English**.
  - **Licensing** - View the license token used for the Barracuda Web Application Firewall. You can use this to reprovision your virtual machine. See [Reprovision Other Virtual Machines \(VMs\)](#).
  - **TCP/IP Configuration** - View and modify the IP address configuration such as WAN IP Address, WAN Netmask, Gateway Address, Primary/Secondary DNS server, Proxy Server, etc.

```
System Configuration
-----
Status
Language
Licensing
> TCP/IP Configuration <
Troubleshooting
Adv. Troubleshooting
System
Exit

Serial #:
Firmware v: 9.0.0.005
Support Tunnel closed.

Network Status
Local: Down
Internet: Down
Cloud: Down

2017-09-15 02:05:09

TCP/IP Configuration
-----
WAN IP Address:
WAN Netmask:
Gateway Address:
WAN VLAN ID(Optional):
Management IP Address:
Management Netmask:
Management Gateway:
Management VLAN ID(Optional):
Primary DNS Server:
Secondary DNS Server:
Proxy Server Configuration (optional)
Server Name/IP:
Server Port:
Server Username:
Server Password:
```

- **Troubleshooting** - Perform network connectivity tests, enable support tunnel, and enable/disable WAN and LAN interfaces.

```

System Configuration
-----
Status
Language
Licensing
TCP/IP Configuration
> Troubleshooting <
  Adv. Troubleshooting
  System
  Exit

Serial #: 502511
Firmware v: 9.0.0.005
Support Tunnel closed.

Network Status
Local: Down
Internet: Down
Cloud: Down

2017-09-15 02:06:13

Troubleshooting
Network Connectivity Tests
Host/IP: 192.168.1.1
  > Ping <
  > ARP Ping <
  > Traceroute <
  > Show ARP Table <
  > Packet Dump <

Remote Support
  > Enable Tunnel <

Enable Remote Support: > No <

WAN Interface Link: > Disable <
LAN Interface Link: > Disable <
  
```

- **Adv. Troubleshooting** - Configure the FTP/SCP server. You can generate the problem report and send it to the FTP/SCP server. Problem reports are used for analysis in case of any issue.
- **System** - Perform system related operations such as reboot or shutdown the system, reload appliance configuration, change console password, etc.

```

System Configuration
-----
Status
Language
Licensing
TCP/IP Configuration
Troubleshooting
  Adv. Troubleshooting
  > System <
  Exit

Serial #: 502511
Firmware v: 9.0.0.005
Support Tunnel closed.

Network Status
Local: Down
Internet: Down
Cloud: Down

2017-09-15 02:10:31

System
System Reload/Shutdown
  > Reboot <
  > Shutdown <
  > Reload Appliance Configuration <

Restart Services
  > GUI <
  > data path <
  > config DB <

Configuration Tools > Clear Configuration <

Change Console Password
Old Password
New Password
Confirm New Password

Change System Date and Time
Date : 2017-09-15
Time : 02:08:28
  
```

- **Exit** - Exit the **System Configuration** utility by pressing **Enter**.

## Figures

1. TCP\_IP\_Configuration.png
2. Troubleshooting.png
3. System.png

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