

Cobia v0.5 Release Notes 08/08/2008

What's New in this Release

This release includes product enhancements and performance upgrades as well as new and modified features that are described in the following table:

Table 1: Cobia v0.5 Features

Feature	Description	See
New Features		
New modules	This release of Cobia provides six new modules: <ul style="list-style-type: none">• Anti-virus• Anti-spyware• Anti-spam• URL• DNS• VPN	Each module has a corresponding users guide available at:
Modified Features or Documentation		
Modules updated	The following modules have been updated to reflect this release: <ul style="list-style-type: none">• Users Guide• Router• Firewall• Admin	Each module has a corresponding users guide available at:
DHCP Module	The DHCP module has been modified and now supports <i>remove subnets</i> .	

Known Issues

This section describes known issues and workarounds with this release.

Uneditable NAT Rules

If you create NAT rules that cause the Cobia server to become unusable, connections to the database can fail which prevents you from making further changes to the NAT rules.

Workaround: To clear the above condition, you must delete the rules and recreate the default rule set:

- 1 Log in to the Cobia server as user `root` using SSH or directly with a keyboard.

- 2 Enter the following at the command line:

```
service tomcat stop
```

- 3 Enter the following at the command line:

```
service iptables stop
```

- 4 Remove all of your rules by entering the following at the command line:

```
rm /usr/local/cobia/modules/firewall/conf/FirewallState.xml
```

- 5 Recreate the default rule set:

- a Open the following file with a text editor such as vi:

```
/etc/sysconfig/iptables
```

- b Remove the NAT lines at the end of the file (after the *nat heading). For example, a Source NAT rule added using the Cobia user interface has the following entry in the iptables file after the *nat heading:

```
-A POSTROUTING -m comment --comment "FWM-SNAT-SNR:002:0007: :  
Test Rule" -j SNAT --to-source xxx.xxx.xxx.xxx
```

- c Save and exit the file.

- 6 Restart the services:

- a Enter the following at the command line:

```
service iptable start
```

- b Enter the following at the command line:

```
service tomcat start
```

- 7 Log in to the Cobia user interface and recreate any other *functional* rules you had created previously as these were lost during this recovery process.

Exception Errors

If you see exception errors as you navigate around in the user interface, please do the following:

- 1 Check the forums for assistance , and
- 2 Let us know what you were doing when you experienced the error.

Workaround: Go to the following link to clear the error:

Hit Counters

When you select the clear all hit counters button in the Firewall Module configuration, the counters are not cleared. (10022)

The Hit Count column in the Firewall Module configuration does not increment. (8082)

Workaround: Navigate away from the Firewall Module (to another module) and return.

Unexpected Behavior

In some cases, the user interface does not show enough details to diagnose an error.

Workaround: See the `/var/log/cobia.log` file for more detailed information.

Repositioning Firewall Rules

When repositioning firewall rules in the Firewall Module configuration window, the color conventions used to highlight changes are not correctly applied. (7848)

Workaround: Make sure you save your changes by clicking ok before closing the browser.

Changing a VIF Interface

Changing a virtual interface while it is in use by a DHCP scope will cause the DHCP module to show an error. (9882)

Workaround: Remove the DHCP scope that is associated to the virtual interface before removing the virtual interface.

Changing a Named Network

Named networks and hosts do not propagate changes to other modules automatically. (9883)

Workaround: Edit the firewall rule that uses the named network or host and re-save it. This will cause the new value of the named network or host to be propagated to the firewall rule.

User Interface Timeout

The user interface will not time out when left on a dashboard window. (7899)

Fixed in this Release

The following are fixed in this release:

Switching an External Interface from Static to DHCP

If the IP assignment changes from Static to DHCP while the interface state is set to up, the changes will fail to save and the interface will not be able to obtain an IP address from the DHCP server. (9396)

Workaround: When an external interface is changed from Static to DHCP (Admin module>>Configure system>>Ethernet interface>>Click an interface name>>IP assignment area), the interface state must be set to down before clicking on **ok** to commit the changes successfully.

Duplicate Host Names

If you create two identical hostnames on two different interfaces, dhcpd fails to start. (7197)

Workaround: Use unique host names.

Log Rotation

The `/var/log/messages` and `/var/log/catalina.out` files are not being rotated properly and will eventually fill up to the maximum size of 2 GB causing unknown errors on the system. (6830)

Workaround: See forum entry at

Data Conflict Errors

Data entered in the user interface is not always validated correctly. (10045, 8080)

Workaround: If you suspect IP address conflicts, log in to the command line and enter ifconfig. Ethernet interfaces experiencing a conflict within your network will not reflect any IP address.