

HOW TO: MAINTENANCE MODE

Maintenance Mode

Maintenance mode is used when staging equipment in a production network prior to its go-live date, or to isolate a router/device from the network in order to perform debugging or an upgrade. The primary function of maintenance mode is to suppress alarms from systems that are incomplete, or undergoing maintenance activities that would cause alarms. When the device maintenance is complete, you can set the router out of maintenance mode.

Alarms during Maintenance mode:

When a 128T is put into *Maintenance Mode* all alarms for that 128T device will be *shelved*. Shelving refers to placing an alarm in state such that it is not considered critical and so as to not bother the user. Shelved alarms will continue to be monitored by the system but will not be presented on the standard UI.

The state of shelved alarms can be optionally viewed by issuing:

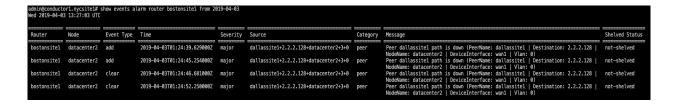
show alarms shelved

You can use the router keyword to display alarms from a specific router

show alarms shelved router bostonsite1

Note: you can view events for a specific router starting from a particular time by using the from/to keyword

show events alarm router bostonsite1 from 2019-04-03



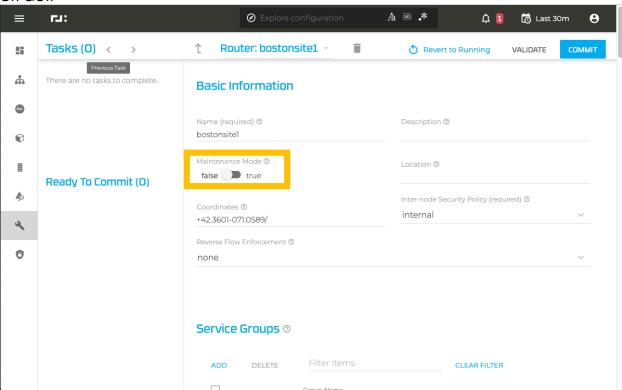
Note: alarms follow the ISO 8601 standard for date & time.

Enabling Maintenance Mode:

You can enable maintenance mode by setting it to true either in the GUI or in the PCLI:

Configuration > Authority > Router > Maintenance Mode > True/False

On GUI:



On PCLI:

```
[root@datacenter1~]# su admin
Starting the PCLI...
admin@datacenter1.bostonsite1# config authority router bostonsite1
maintenance-mode true
```

Similarly, you can disable the *maintenance mode* by setting it to *false*.