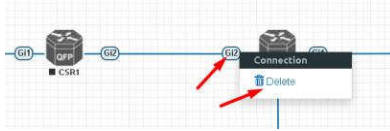


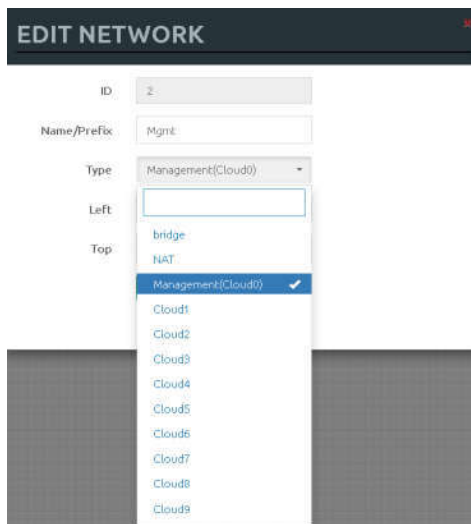
## Connection menu



Right-clicking on the connection between nodes allows you to delete this connection.

## Cloud or Bridge network menu

Right-clicking on a Cloud or Bridge network allows you to edit or delete it.

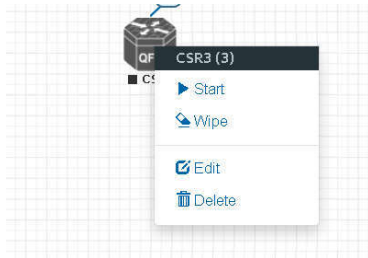


If you have chosen Edit, the Network edit window will open a window where you can change the placement, network type or name/prefix.

For details on how to operate EVE Cloud networks and external connections,

## Stopped node menu

Right-clicking on a stopped node also opens a menu:



**Start node:** This will start the selected node in this lab

**Wipe node:** Wiping a node will erase the NVRAM (running config) or the temporary image snapshot depending on the type of node. This option is used to clean up a node in order to boot it from factory defaults or a custom set of configurations.

**Edit node:** Opens the Edit node window (picture on the right).

**Delete node.** Deletes the node from the lab. It is recommended to disconnect (delete connections to it) the node before you delete it.

### EDIT NODE

Template  
Cisco CSR 1000V

ID  
3

Image  
csr1000v-universalk9.03.17.04.S.156-1.S4

Name/prefix  
CSR3

Icon  
CSRv1000.png

UUID  
67fea887-b30d-4ad0-b314-828808b38533

CPU Limit ☐

CPU 1	RAM (MB) 3072	Ethernets 4
QEMU Version tpl(2.12.0)	QEMU Arch tpl(x86_64)	QEMU Nic tpl(e1000)

QEMU custom options  
-machine type=pc-1.0,accel=kvm -serial mon:stdio -nographic -nodefconfig -nodef

Startup configuration  
None

Delay (s)  
0

Console  
telnet

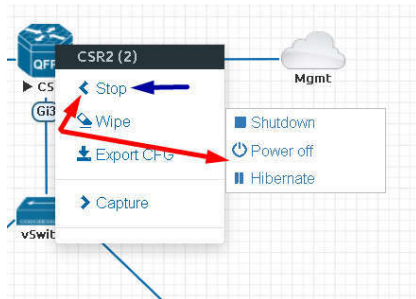
Left 472	Top 365
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Save Cancel

## Running node menu

Right-clicking on a running node also opens a menu:





**Stop.** Blue arrow: clicking on Stop will stop the node depending on the method the node supports (power off / shutdown are auto-selected based on the template)

**Stop menu.** Red arrows: There are more options to stop a node, clicking on the chevron on the left side of “Stop” opens a submenu.

- **Shutdown:** Perform an orderly shutdown of the node if that node supports it (shutdown signal is sent down to the node)
- **Power off:** Kills the running nodes process within EVE (hard poweroff).
- **Hibernate.** Save Node state (Disk and Memory are saved in an internal snapshot). Used for fast boot of a node. The hibernation process can take some time. Once the hibernation process is completed, the node will turn grey (shutdown state).

**Wipe node:** Wiping a node will erase the NVRAM (running config) or the temporary image snapshot depending on the type of node. This option is used to clean up a node in order to boot it from factory defaults or a custom set of configurations.

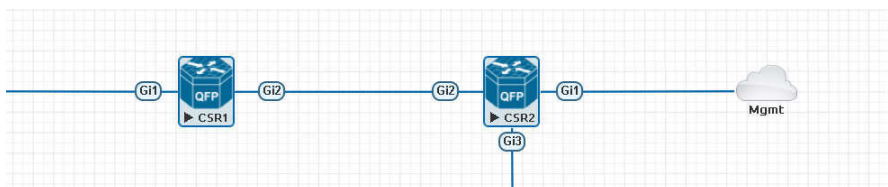
**Export CFG:** This function is used to export the saved running configuration to the EVE startup configuration sets.



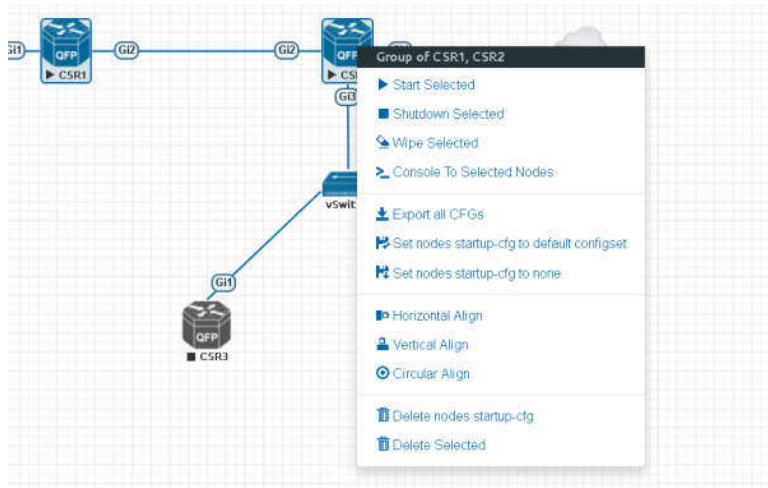
**Capture.** Integrated live Wireshark capture. Select the interface which you wish to capture.

## Selected nodes menu and features

It is possible to select many objects or nodes at once in EVE. Using your mouse, you can select an area which will cover your nodes and/or you can click on nodes while holding the CTRL key on your keyboard.



A right-click on any of the selected nodes opens a group menu:



**Start Selected:** This will start the selected nodes in this lab.

**Stop Selected:** This will stop the selected nodes in this lab

**Wipe Selected:** The Wipe Selected nodes action will wipe the NVRAM or currently saved image of the selected nodes in the current lab.

Example: You have saved the nodes configuration by saving the running configuration to the startup configuration. The Wipe command will delete the saved NVRAM startup configuration and on the next boot it will boot from factory defaults.

The same applies to images without configurations, e.g. a linux node. If you make modifications to the system and afterwards wipe this node, the next time it will boot from the original base image again as the modified image was deleted.

The Wipe node action is commonly used with initial startup configuration modifications. The Wipe node action does not delete configured startup configurations or sets.

**Console To Selected Nodes:** Console To Selected Nodes will open a console to all selected running nodes in the current lab. This includes all different kinds of configured console types for lab nodes like VNC, Telnet and RDP

**Export all CFGs:** The Export all configurations action will export current configs of selected nodes to the EVE startup-configs.

For a full explanation of exporting configurations,

**Set nodes startup-cfg to default configset:** Sets nodes to Default startup config, used commonly with the wipe nodes function. NOTE: If you have nothing saved in the default config set for any node, that node will boot from factory default instead. This is commonly used with the wipe nodes function so the node will boot from the configured startup-config on next boot and not from the startup-config in its NVRAM in case the node was started before already.

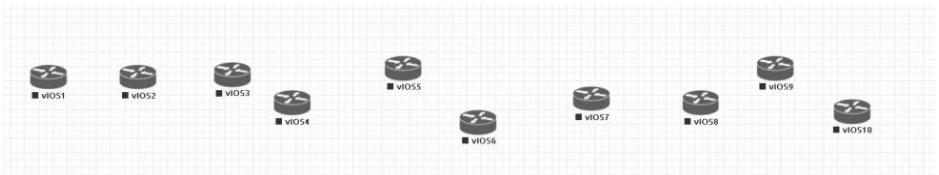
**Set nodes startup-cfg to none.** Setting selected lab nodes to boot from factory default. Used commonly with the wipe nodes function. The example below shows the steps to set selected nodes to boot from factory default.

- Step 1: Wipe selected nodes
- Step 2: Set nodes startup-cfg to none

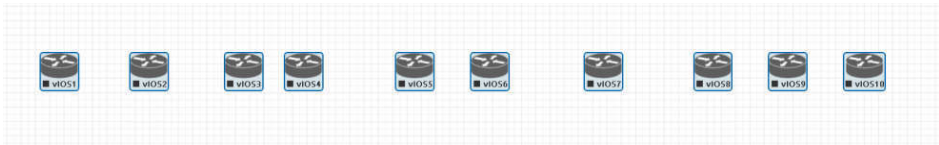
**Horizontal Align.** Aligns the selected nodes in one horizontal line.

- Step 1: Select the nodes you wish to align.
- Step 2: Right click on one of the selected nodes and choose Horizontal align, this will align all nodes to the selected node.

**Picture before:**



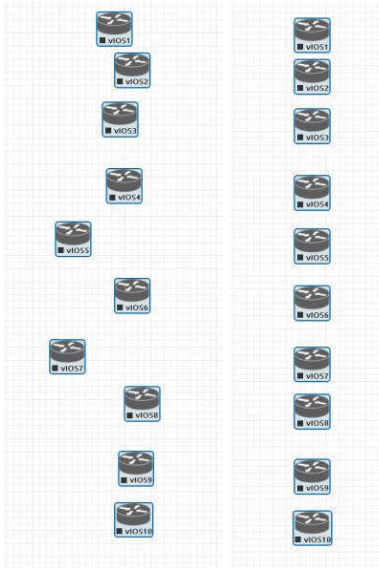
**Picture after:**



**Vertical Align:** Aligns the nodes in one vertical line.

- Step 1: Select the nodes you wish to align.
- Step 2: Right click on one of the selected nodes and choose Vertical align, this will align all nodes to the selected node.

**Picture before                  Picture after**



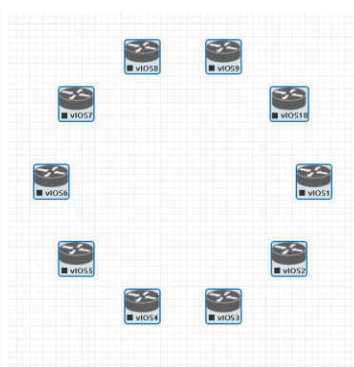
**Circular Align:** Aligns the nodes in a circle.

Step 1: Select the nodes you wish to align.


Step 2: Right click on one of the selected nodes and choose Circular Align, this will align all nodes in a circle, the midpoint of the circle will be at the coordinates the selected node was at before.

**Picture Before**

**Picture After**



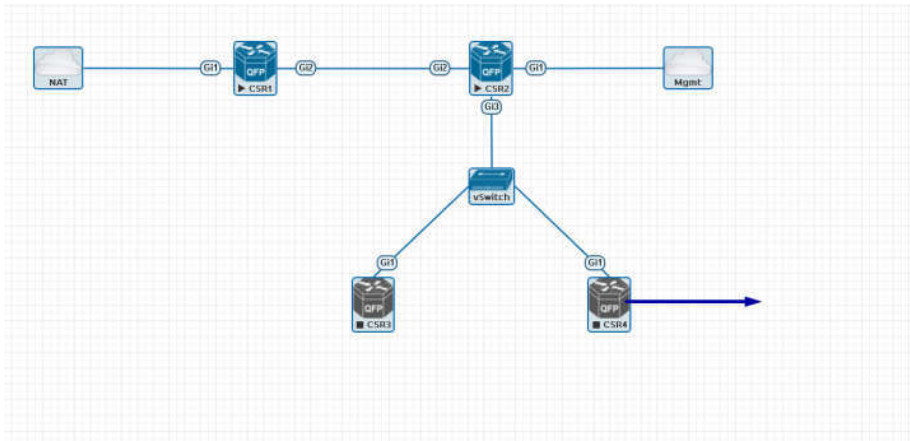
**Delete nodes startup-config.**

 **WARNING**, this action will delete the configurations of the selected nodes that are saved to your Default config set. Please make sure that is what you want to do before you execute this.

**Delete selected:** This will delete the selected nodes from your current lab.

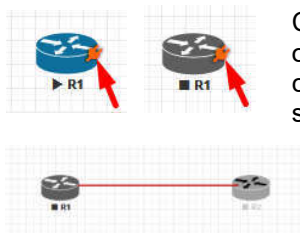
Selected nodes can be moved as a group across the topology.

Example: You can select nodes and objects to better position them on the Topology.



Example nodes where Stop/Shutdown is supported: Microsoft Windows and most Linux nodes as well as a lot of appliances based on linux.

### Node connector symbol



Connector symbol: If you move your mouse pointer on top of a running or stopped node, an orange connector symbol appears. It is used to connect nodes on the topology in a drag and drop style. Drag the symbol from one node and release the mouse pointer on the second node. A new window will appear where you can select the interfaces the link should connect to.

### Other

#### Notification area



The Notification area in the top right is displaying informational or error messages.