

TRIAX EoC – HowTo's

HowTo examples

Management address



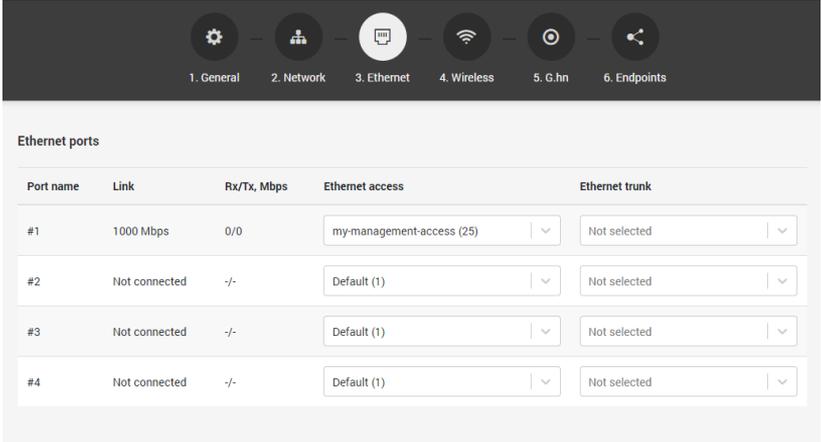
Management address

- **This is a HowTo change the management IP address (and Eth port if needed)**



New management address

- **Newer cut/loose your access to the controller!**
- **If you want Eth1 to be management port, do it in 3 steps:**
 - **Create the new management access using Eth"X"**
 - **Verify it works**
 - **"Move" the management access to Eth1**
- **In the following example we will use a new scope and management IP-address: 192.168.1.60**
- **This configuration example requires you to change your computers IP-address during the configuration**



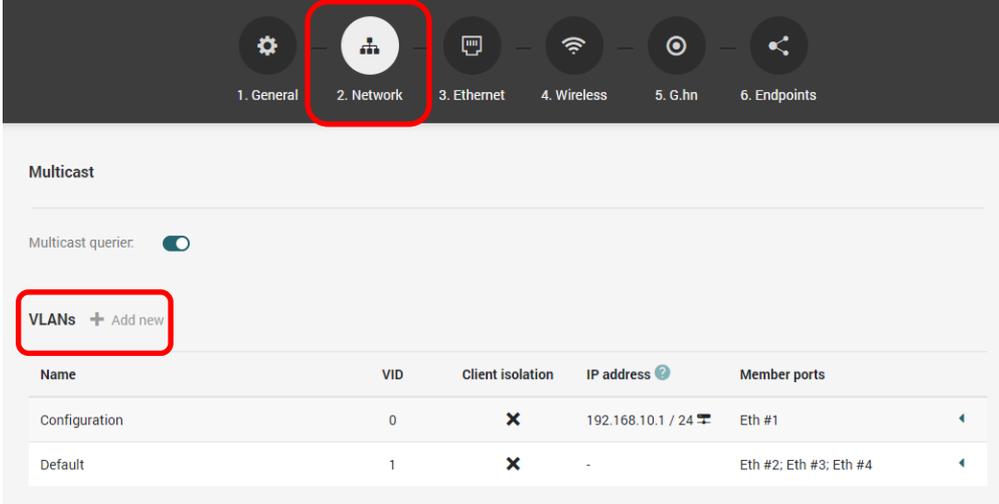
The screenshot shows a network configuration interface with a navigation bar at the top containing icons for General, Network, Ethernet, Wireless, G.hn, and Endpoints. The 'Ethernet' tab is selected. Below the navigation bar, the 'Ethernet ports' section is visible, containing a table with the following data:

Port name	Link	Rx/Tx, Mbps	Ethernet access	Ethernet trunk
#1	1000 Mbps	0/0	my-management-access (25)	Not selected
#2	Not connected	-/-	Default (1)	Not selected
#3	Not connected	-/-	Default (1)	Not selected
#4	Not connected	-/-	Default (1)	Not selected

New management address

- **Newer cut/loose your access to the controller!**
- **Logon to the controller using: 192.168.10.1**

- **Example: New management IP-address: 192.168.1.60**
 - Create the new Vlan



The screenshot shows the TRIAX controller web interface. The top navigation bar includes tabs for 1. General, 2. Network, 3. Ethernet, 4. Wireless, 5. G.hn, and 6. Endpoints. The '2. Network' tab is selected and highlighted with a red box. Below the navigation bar, the 'Multicast' section is visible, with a 'Multicast querier' toggle switch. The 'VLANs + Add new' section is also highlighted with a red box. Below this, a table lists the existing VLANs:

Name	VID	Client isolation	IP address ?	Member ports
Configuration	0	✘	192.168.10.1 / 24	Eth #1
Default	1	✘	-	Eth #2; Eth #3; Eth #4

New management address

- **Newer cut/loose your access to the controller!**
- **Example: New management IP-address: 192.168.1.60**
 - Create the new Vlan

VLANs + Add new

Name	VID	Client isolation	IP address ?	Member ports
Configuration	0	✘	192.168.10.1 / 24	Eth #1
Default	1	✘	-	Eth #2; Eth #3; Eth #4
-	-	✘	-	-

Network settings

Name:

VID:

Trunk VID remap:

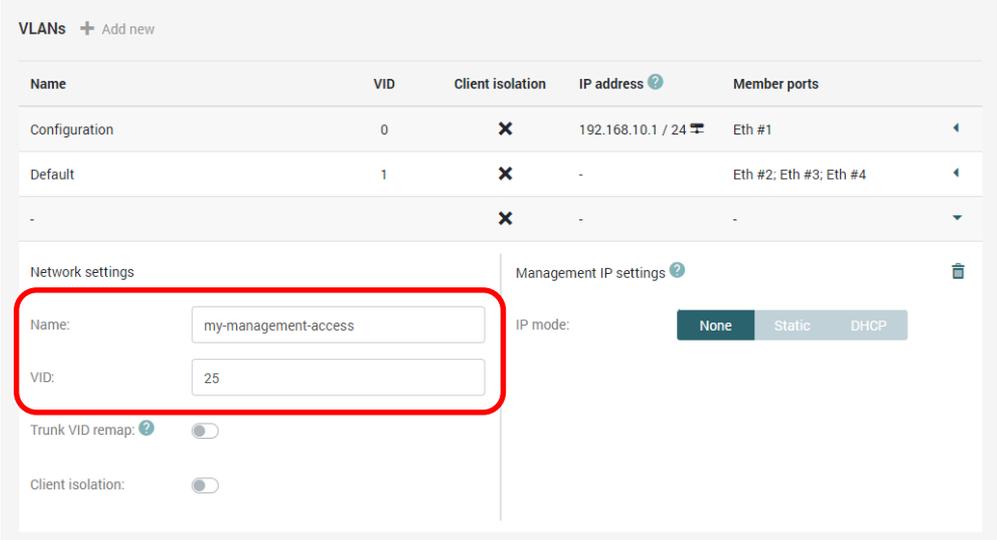
Client isolation:

Management IP settings ?

IP mode: None Static DHCP

New management address

- **Newer cut/loose your access to the controller!**
- **Example: New management IP-address: 192.168.1.60**
 - Create the new Vlan
 - Name the new management Vlan
 - Assign a Vlan ID



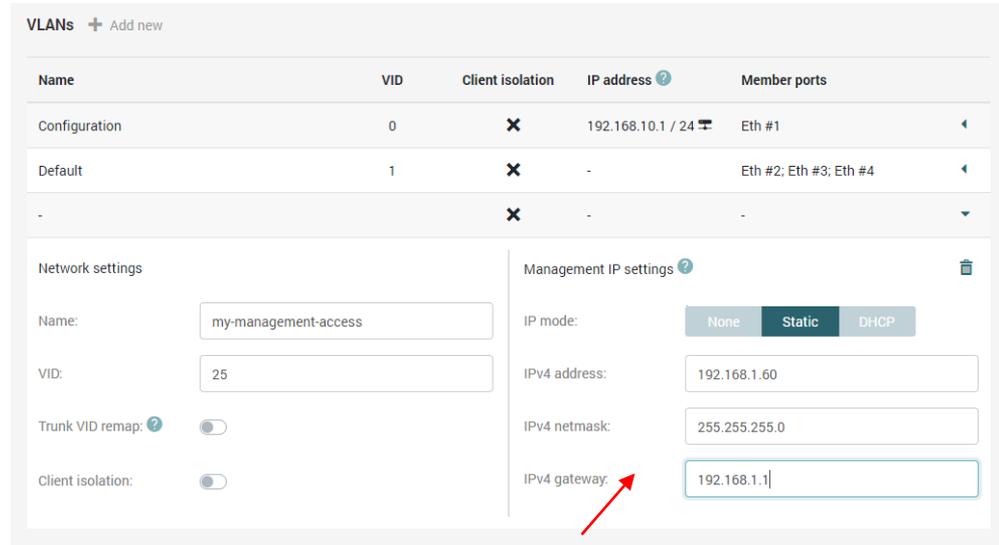
The screenshot displays the 'VLANs' configuration page. At the top, there is a table listing existing VLANs:

Name	VID	Client isolation	IP address	Member ports
Configuration	0	✗	192.168.10.1 / 24	Eth #1
Default	1	✗	-	Eth #2; Eth #3; Eth #4
-	-	✗	-	-

Below the table, the 'Network settings' section is visible, with a red box highlighting the 'Name' and 'VID' fields. The 'Name' field contains 'my-management-access' and the 'VID' field contains '25'. To the right, the 'Management IP settings' section shows 'IP mode' set to 'None' (selected), with 'Static' and 'DHCP' options also available. Below these are toggle switches for 'Trunk VID remap' and 'Client isolation', both currently turned off.

New management address

- **Newer cut/loose your access to the controller!**
- **Example: New management IP-address: 192.168.1.60**
 - **Create the new Vlan**
 - **Select "Static mode"**
 - **Enter the new management IP address**
 - **Enter the netmask**
 - **Enter the Gateway for the new IP-scope**



The screenshot shows a network configuration interface for VLANs. At the top, there is a table listing existing VLANs. Below the table, there are two configuration panels: 'Network settings' and 'Management IP settings'.

Name	VID	Client isolation	IP address	Member ports
Configuration	0	✘	192.168.10.1 / 24	Eth #1
Default	1	✘	-	Eth #2; Eth #3; Eth #4
-	-	✘	-	-

Network settings

Name:

VID:

Trunk VID remap:

Client isolation:

Management IP settings

IP mode:

IPv4 address:

IPv4 netmask:

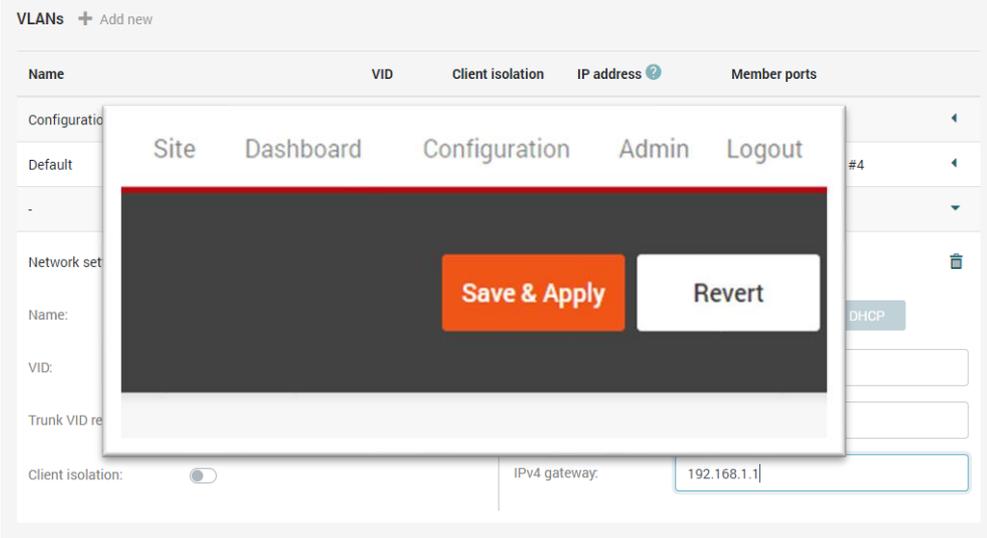
IPv4 gateway:

A red arrow points to the IPv4 gateway field.

The new static management IP-address

New management address

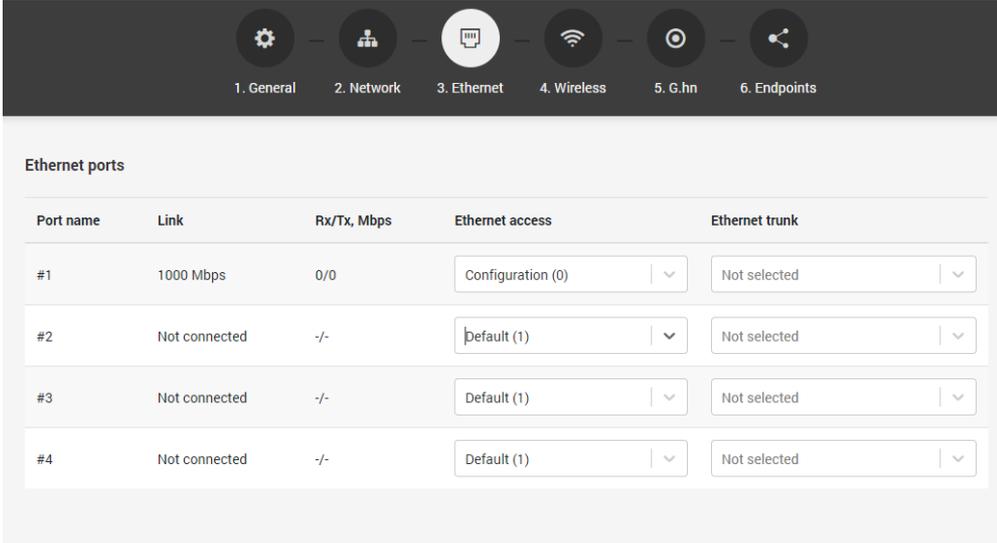
- **Newer cut/loose your access to the controller!**
- **Example: New management IP-address: 192.168.1.60**
 - Create the new Vlan
 - **Save**



The screenshot displays the 'VLANs' configuration page in the TRIAX Academy interface. A modal dialog is overlaid on the configuration form, featuring a dark background and two prominent buttons: 'Save & Apply' in orange and 'Revert' in white. The background interface includes a table with columns for 'Name', 'VID', 'Client isolation', 'IP address', and 'Member ports'. Below the table, there are configuration fields for 'Name', 'VID', 'Trunk VID re', 'Client isolation' (with a toggle switch), and 'IPv4 gateway' (set to 192.168.1.1). A navigation menu at the top of the modal shows 'Site', 'Dashboard', 'Configuration', 'Admin', and 'Logout'.

New management address

- **Newer cut/loose your access to the controller!**
- **Example: New management IP-address: 192.168.1.60**
 - Create the new Vlan
 - Assign this to Eth2.
 - Using the "Ethernet Access" configures the Eth2 as access port (untagged)
 - Using the "Ethernet Trunk" configures the Eth2 as a trunk port (tagged)
- **We will use the untagged Ethernet Access since a computer/laptop cannot connect to a trunk port.**



The screenshot shows a network configuration interface with a dark header containing six navigation icons: 1. General (gear), 2. Network (people), 3. Ethernet (selected, computer icon), 4. Wireless (Wi-Fi), 5. G.hn (target), and 6. Endpoints (share). Below the header is a table titled "Ethernet ports" with the following columns: Port name, Link, Rx/Tx, Mbps, Ethernet access, and Ethernet trunk. The table contains four rows of data.

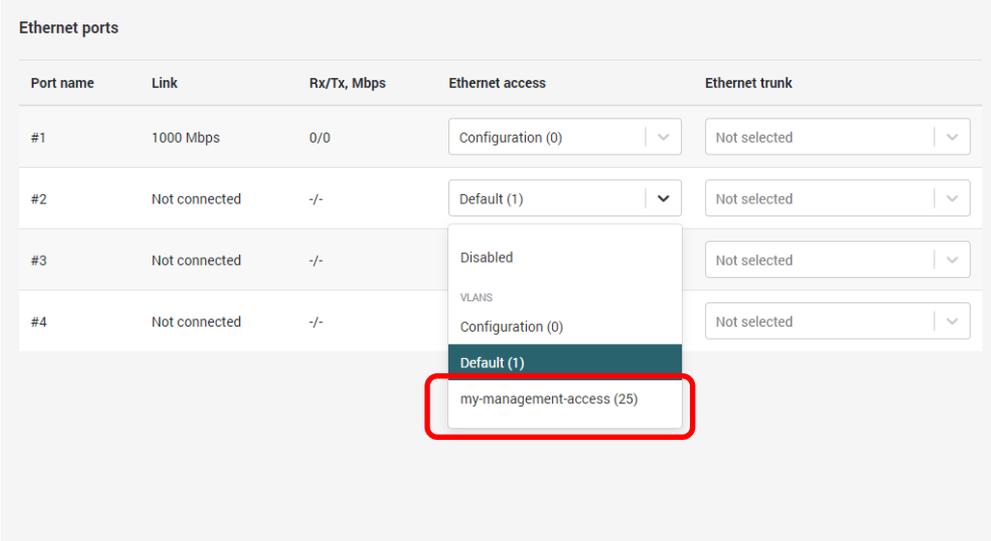
Port name	Link	Rx/Tx, Mbps	Ethernet access	Ethernet trunk
#1	1000 Mbps	0/0	Configuration (0) v	Not selected v
#2	Not connected	-/-	Default (1) v	Not selected v
#3	Not connected	-/-	Default (1) v	Not selected v
#4	Not connected	-/-	Default (1) v	Not selected v

New management address

- **Newer cut/loose your access to the controller!**
- **Example: New management IP-address: 192.168.1.60**
 - **Create the new Vlan**
 - **Assign this to Eth2**
 - **select from dropdown**

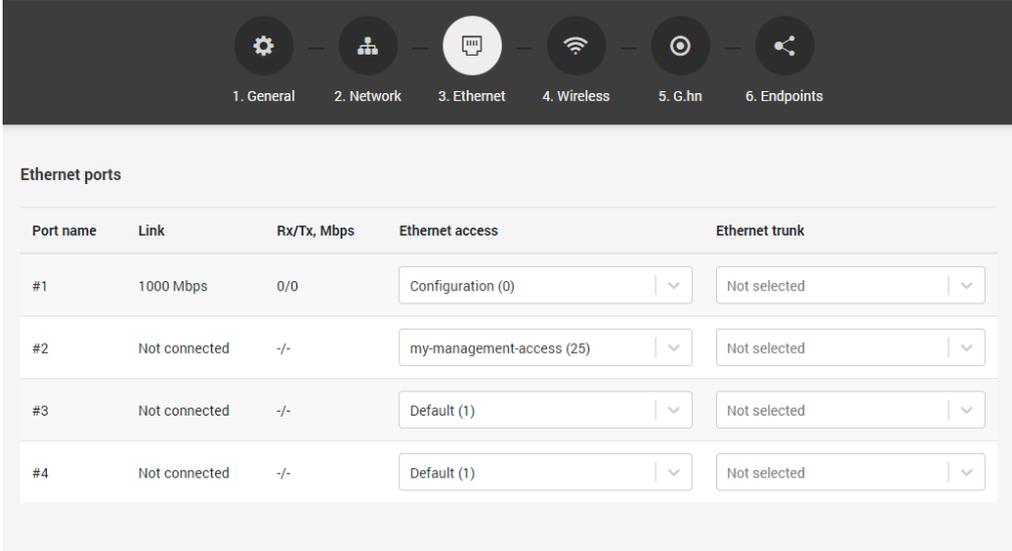
Ethernet ports

Port name	Link	Rx/Tx, Mbps	Ethernet access	Ethernet trunk
#1	1000 Mbps	0/0	Configuration (0) v	Not selected v
#2	Not connected	-/-	Default (1) v	Not selected v
#3	Not connected	-/-	Disabled	Not selected v
#4	Not connected	-/-	VLANS Configuration (0) Default (1) my-management-access (25)	Not selected v



New management address

- **Newer cut/loose your access to the controller!**
- **Example: New management IP-address: 192.168.1.60**
 - Create the new Vlan
 - Assign this to Eth2



The screenshot shows a network configuration interface with a dark header bar containing six navigation icons: 1. General (gear), 2. Network (server rack), 3. Ethernet (selected, speech bubble), 4. Wireless (Wi-Fi), 5. G.hn (target), and 6. Endpoints (share). Below the header is a table titled "Ethernet ports" with the following columns: Port name, Link, Rx/Tx, Mbps, Ethernet access, and Ethernet trunk.

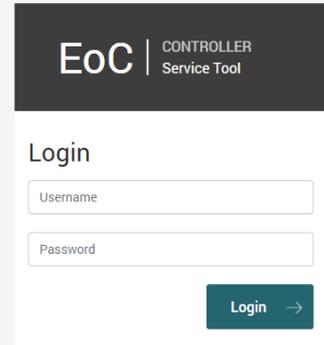
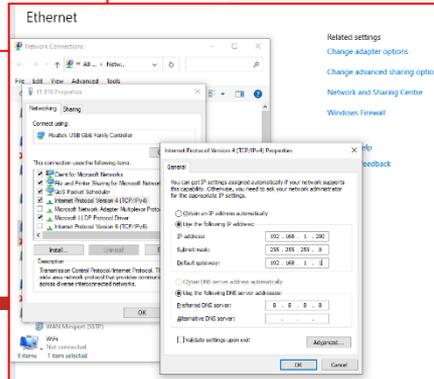
Port name	Link	Rx/Tx, Mbps	Ethernet access	Ethernet trunk
#1	1000 Mbps	0/0	Configuration (0)	Not selected
#2	Not connected	-/-	my-management-access (25)	Not selected
#3	Not connected	-/-	Default (1)	Not selected
#4	Not connected	-/-	Default (1)	Not selected

New management address

- Newer cut/loose your access to the controller!
- Example: New management IP-address: **192.168.1.60**
 - Create the new Vlan
 - Assign this to Eth2
 - Verify you have access



Change your computer IP-address to the ex. 192.168.1.200 to access the EoC controller



New management address

- **Newer cut/loose your access to the controller!**
- **Example: New management IP-address: 192.168.1.60**
 - Create the new Vlan
 - Assign this to Eth2 (access port)
 - Verify you have access
 - Assign the new management Vlan to Eth1
 - this will disable the default configuration Vlan with the management IP 192.168.10.1

Ethernet ports

Port name	Link	Rx/Tx, Mbps	Ethernet access	Ethernet trunk
#1	1000 Mbps	0/0	Configuration (0)	Not selected
#2	1000 Mbps	0/0	Disabled	Not selected
#3	Not connected	-/-	Configuration (0)	Not selected
#4	Not connected	-/-	my-management-access (25)	Not selected

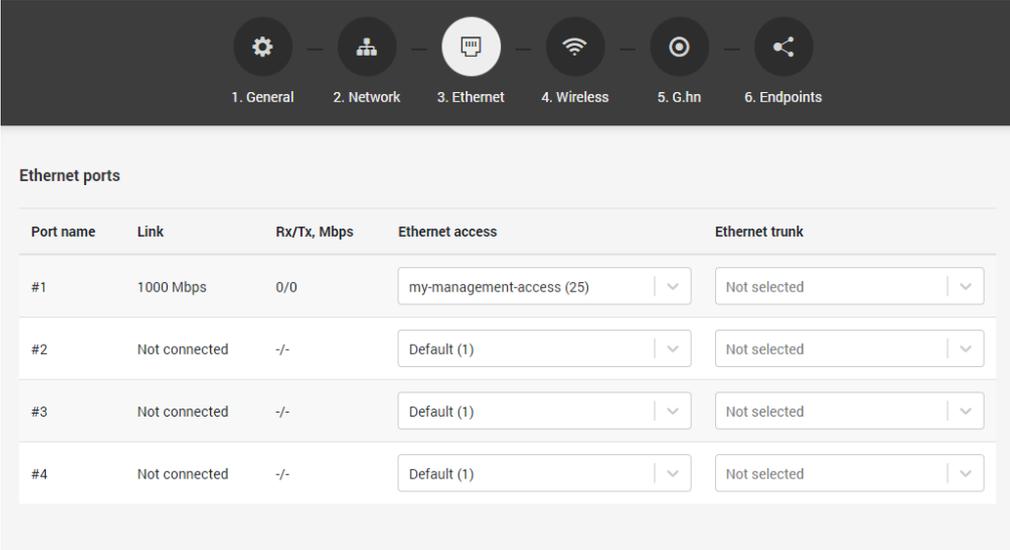
New management address

- **Newer cut/loose your access to the controller!**
- **Example: New management IP-address: 192.168.1.60**
 - **Create the new Vlan**
 - **Assign this to Eth2 (access port)**
 - **Verify you have access**
 - **Assign it to Eth1**

Ethernet ports				
Port name	Link	Rx/Tx, Mbps	Ethernet access	Ethernet trunk
#1	Not connected	-/-	my-management-access (25) v	Not selected v
#2	1000 Mbps	0/0	my-management-access (25) v	Not selected v
#3	Not connected	-/-	Default (1) v	Not selected v
#4	Not connected	-/-	Default (1) v	Not selected v

New management address

- **Newer cut/loose your access to the controller!**
- **Example: New management IP-address: 192.168.1.60**
 - Create the new Vlan
 - Assign this to Eth2 (access port)
 - Verify you have access
 - Assign it to Eth1
- **Connect the Ethernet cable to port Eth1**
- **Assign Vlan "Default (1)" to Eth2 (..call it "clean up")**
- **Done .. The EoC controller has a new management IP-address**



The screenshot shows a network configuration interface with a dark header containing navigation icons and labels: 1. General, 2. Network, 3. Ethernet (selected), 4. Wireless, 5. G.hn, and 6. Endpoints. Below the header, the 'Ethernet ports' section is displayed as a table with columns for Port name, Link, Rx/Tx, Mbps, Ethernet access, and Ethernet trunk.

Port name	Link	Rx/Tx, Mbps	Ethernet access	Ethernet trunk
#1	1000 Mbps	0/0	my-management-access (25)	Not selected
#2	Not connected	-/-	Default (1)	Not selected
#3	Not connected	-/-	Default (1)	Not selected
#4	Not connected	-/-	Default (1)	Not selected

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THANK YOU