

TRIAX EoC – HowTo's

HowTo examples

HowTo examples

1. Create a *Guest* network
2. Create a *Private* network

1. Create a *Guest* network

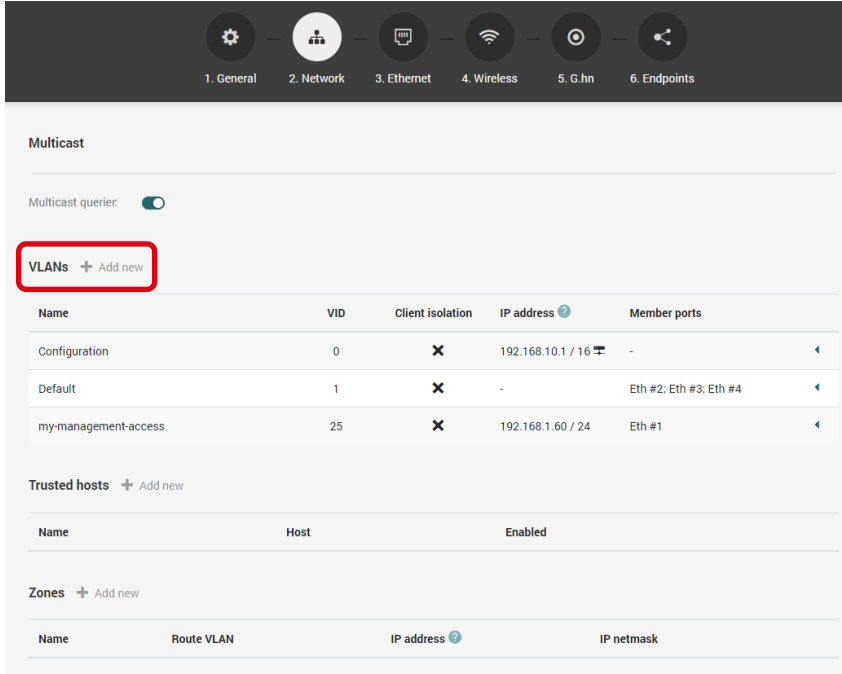
Create a *Guest* network

- **This is a HowTo create a Guest network**



Create a *Guest* network

- **Navigate to *Network***
- ***Add new Vlan***



1. General 2. Network 3. Ethernet 4. Wireless 5. G.hn 6. Endpoints

Multicast

Multicast querier: ☒

VLANs + Add new

Name	VID	Client isolation	IP address	Member ports
Configuration	0	✗	192.168.10.1 / 16	-
Default	1	✗	-	Eth #2; Eth #3; Eth #4
my-management-access	25	✗	192.168.1.60 / 24	Eth #1

Trusted hosts + Add new

Name	Host	Enabled
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Zones + Add new

Name	Route VLAN	IP address	IP netmask
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Create a *Guest* network

- Name the new network
- Set the Vlan ID

VLANs + Add new

Name	VID	Client isolation	IP address	Member ports
Configuration	0	✗	192.168.10.1 / 16	-
Default	1	✗	-	Eth #2; Eth #3; Eth #4
my-management-access	25	✗	192.168.1.60 / 24	Eth #1
-		✗	-	-

Network settings

Name:

VID:

Trunk VID remap: ☐

Client isolation: ☐

Management IP settings

IP mode: None Static DHCP

Create a *Guest* network

- IP mode : **NONE**
- The EoC controller cannot be accessed from this Vlan / network

VLANs + Add new

Name	VID	Client isolation	IP address	Member ports
Configuration	0	✗	192.168.10.1 / 16	-
Default	1	✗	-	Eth #2; Eth #3; Eth #4
my-management-access	25	✗	192.168.1.60 / 24	Eth #1
-		✗	-	-

Network settings

Name:

VID:

Trunk VID remap: ☐

Client isolation: ☐

Management IP settings

IP mode: None Static DHCP

Create a *Guest* network

- IP mode : **NONE**
- The EoC controller cannot be accessed from this Vlan / network
- **Save**

VLANs + Add new

Name	VID	Client isolation	IP address	Member ports
Configuration	0	✗	192.168.10.1 / 16	-
Default	1	✗	-	Eth #2; Eth #3; Eth #4
my-management-access	25	✗	192.168.1.60 / 24	Eth #1

Network settings

Name: Gu

VID: 10

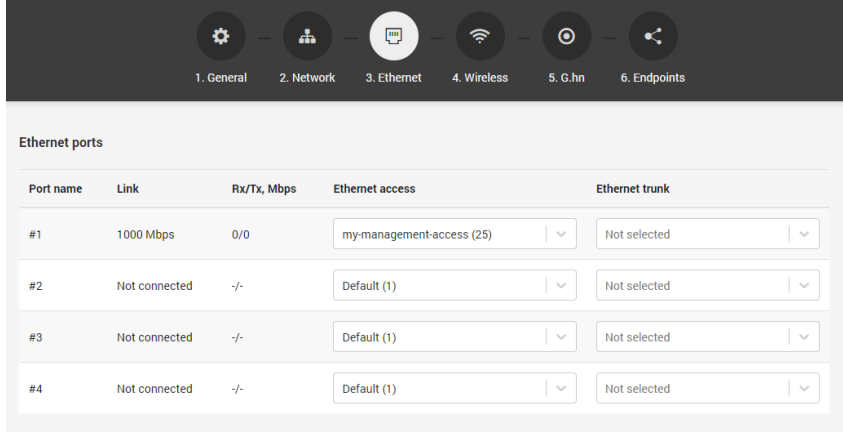
Trunk VID remap: ☐

Client isolation: ☐

Save & Apply **Revert**

Create a *Guest* network

- Navigate to *Ethernet*



The screenshot shows the configuration interface for a network device. At the top, there is a navigation bar with six icons and labels: 1. General, 2. Network, 3. Ethernet (selected), 4. Wireless, 5. G.hn, and 6. Endpoints. Below the navigation bar, the main content area is titled "Ethernet ports". It contains a table with four columns: Port name, Link, Rx/Tx, Mbps, Ethernet access, and Ethernet trunk. The table has four rows, each representing a port. Port #1 is connected at 1000 Mbps, while ports #2, #3, and #4 are not connected. The Ethernet access for all ports is set to "Default (1)", and the Ethernet trunk is set to "Not selected".

Port name	Link	Rx/Tx, Mbps	Ethernet access	Ethernet trunk
#1	1000 Mbps	0/0	my-management-access (25) 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

Create a *Guest* network

- Navigate to *Ethernet*
- Select the Eth port you want to use
- I will use Eth port #2
- Select the *Guest network* from the drop down

Ethernet ports

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	-/-	Disabled	Not selected
#4	Not connected	-/-	Default (1)	Not selected

Disabled

VLANs

Configuration (0)

Default (1)

my-management-access (25)

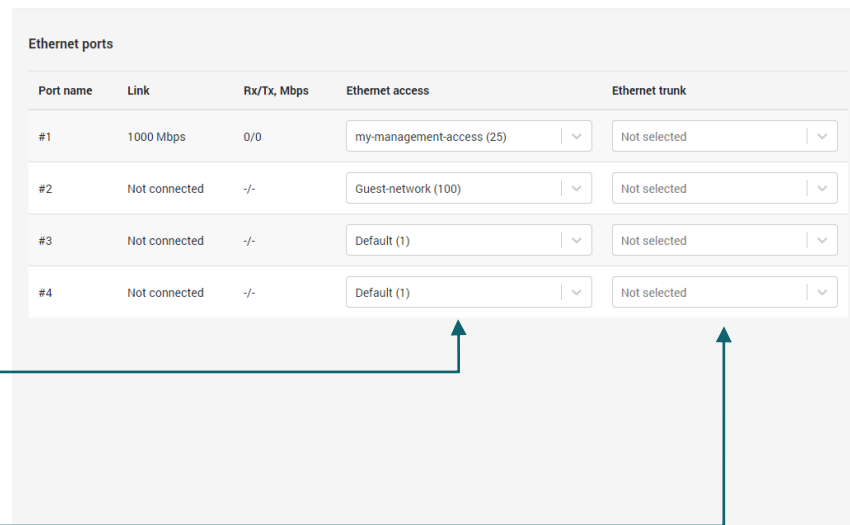
Guest-network (100)

Create a *Guest* network

- Navigate to *Ethernet*
- Select the Eth port you want to use
- I will use Eth port #2
- Select the *Guest network* from the drop down

I use the *Ethernet Access* => Eth port #2 is configured as an access port (untagged)

If using *Ethernet Trunk* , the Eth port #2 will be configured as a trunk port (tagged)



Port name	Link	Rx/Tx, Mbps	Ethernet access	Ethernet trunk
#1	1000 Mbps	0/0	my-management-access (25)	Not selected
#2	Not connected	-/-	Guest-network (100)	Not selected
#3	Not connected	-/-	Default (1)	Not selected
#4	Not connected	-/-	Default (1)	Not selected

Create a *Guest* network

- The *Guest network* is created and ready to use
- Connect the ethernet cable from the Guest router/network to Eth#2
- Next step is to use the network for:
 - Wifi (See the "HowTo Create a wireless *Guest* SSID)
 - Ethernet (see the "HowTo Create *Configuration groups*")



2. Create a *Private* network

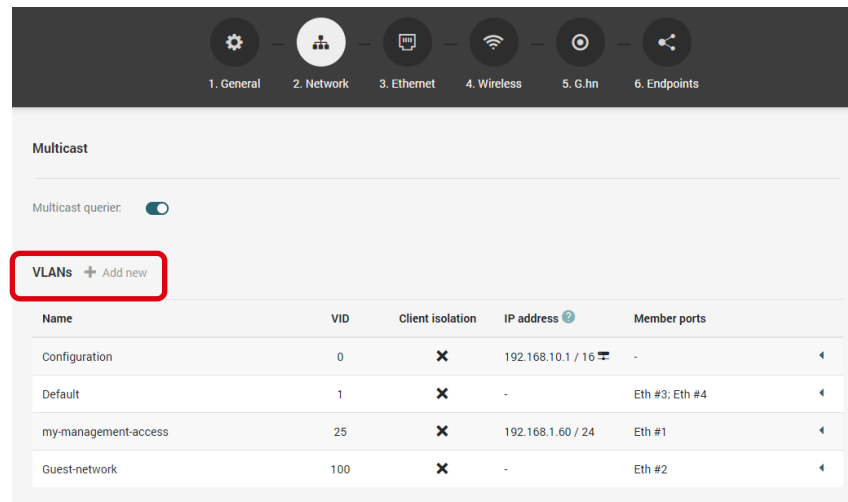
Create a *Private* network

- This is a HowTo create a Private network



Create a *Private* network

- **Navigate to *Network***
- ***Add new Vlan***



1. General 2. Network 3. Ethernet 4. Wireless 5. G.hn 6. Endpoints

Multicast

Multicast querier: ☐

VLANs + Add new

Name	VID	Client isolation	IP address ?	Member ports
Configuration	0	✗	192.168.10.1 / 16	-
Default	1	✗	-	Eth #3; Eth #4
my-management-access	25	✗	192.168.1.60 / 24	Eth #1
Guest-network	100	✗	-	Eth #2

Create a *Private* network

- Name the new network
- Set the Vlan ID

VLANs + Add new

Name	VID	Client isolation	IP address ?	Member ports
Configuration	0	✗	192.168.10.1 / 16	-
Default	1	✗	-	Eth #3; Eth #4
my-management-access	25	✗	192.168.1.60 / 24	Eth #1
Guest-network	100	✗	-	Eth #2
-		✗	-	-

Network settings

Name:

VID:

Trunk VID remap: ☐

Client isolation: ☐

Management IP settings ?

IP mode: None Static DHCP

Create a *Private* network

- IP mode : **NONE**
- The EoC controller cannot be accessed from this Vlan / network

VLANs + Add new

Name	VID	Client isolation	IP address ?	Member ports
Configuration	0	✗	192.168.10.1 / 16	-
Default	1	✗	-	Eth #3; Eth #4
my-management-access	25	✗	192.168.1.60 / 24	Eth #1
Guest-network	100	✗	-	Eth #2
-		✗	-	-

Network settings

Name:

VID:

Trunk VID remap: ☐

Client isolation: ☐

Management IP settings ?

IP mode: None Static DHCP

Create a *Private* network

- IP mode : NONE
- The EoC controller cannot be accessed from this Vlan / network
- save

VLANs + Add new

Name	VID	Client isolation	IP address ?	Member ports
Configuration	0	✗	192.168.10.1 / 16	-
Default	1	✗	-	Eth #3; Eth #4
my-management-access	25	✗	192.168.1.60 / 24	Eth #1
Guest-network	100	✗	-	Eth #2
-				

Network settings

Name:

VID:

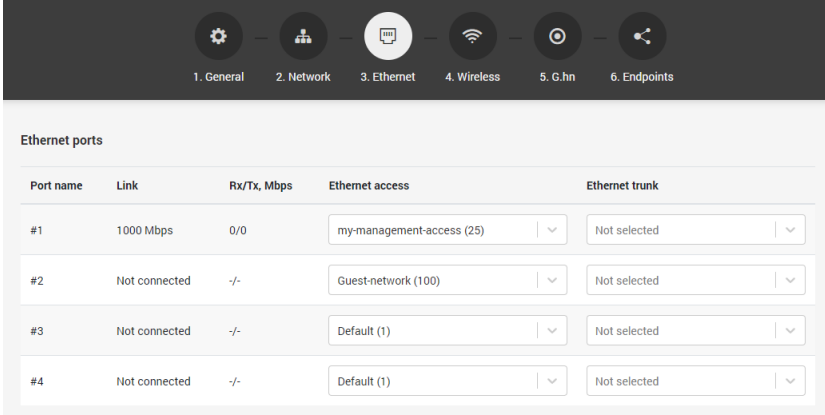
Trunk VID remap: ☐

Client isolation: ☐

Save & Apply **Revert**

Create a *Private* network

- **Navigate to *Ethernet***



Port name	Link	Rx/Tx, Mbps	Ethernet access	Ethernet trunk
#1	1000 Mbps	0/0	my-management-access (25)	Not selected
#2	Not connected	-/-	Guest-network (100)	Not selected
#3	Not connected	-/-	Default (1)	Not selected
#4	Not connected	-/-	Default (1)	Not selected

Create a *Private* network

- **Navigate to *Ethernet***
- **Select the Eth port you want to use**
- **I will use Eth port #3**
- **Select the *Private network* from the drop down**

Ethernet ports

Port name	Link	Rx/Tx, Mbps	Ethernet access	Ethernet trunk
#1	1000 Mbps	0/0	my-management-access (25)	Not selected
#2	Not connected	-/-	Guest-network (100)	Not selected
#3	Not connected	-/-	Default (1)	Not selected
#4	Not connected	-/-	<div>Disabled</div> <div>VLANs</div> <div>Configuration (0)</div> <div>Default (1)</div> <div>my-management-access (25)</div> <div>Guest-network (100)</div> <div>Private-network (200)</div>	Not selected


Create a *Private* network

- Navigate to *Ethernet*
- Select the Eth port you want to use
- I will use Eth port #3
- Select the *Private network* from the drop down

I use the *Ethernet Access* => Eth port is configured as an access port (untagged)

If using *Ethernet Trunk*, the Eth port will be configured as a trunk port (tagged)

Ethernet ports				
Port name	Link	Rx/Tx, Mbps	Ethernet access	Ethernet trunk
#1	1000 Mbps	0/0	my-management-access (25) v	Not selected v
#2	Not connected	-/-	Guest-network (100) v	Not selected v
#3	Not connected	-/-	Private-network (200) v	Not selected v
#4	Not connected	-/-	Default (1) v	Not selected v



Create a *Private* network

- The *Private network* is created and ready to use
- Connect the ethernet cable from the Private router/network to Eth#3
- Next step is to use the network for:
 - Wifi (See the "HowTo Create a wireless *Private* SSID)
 - Ethernet (see the "HowTo Create *Configuration groups*")



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THANK YOU