

check the **Specify a tagged VLAN** field. Do NOT select **Include WiFi Configuration**. Enter the **VLAN ID** and do NOT select **Tag device ports by default**. Select **Next >** .

Groups

All

- Admin for Johnson
 - Site Templates
 - Sites
 - 16822 Tudor Ln
 - Demo Site
 - Virtual Networks**
 - User Network
 - Devices
 - Johnson Home
- Hacker Lab
- KAP Office Park
- LinkSource
- Momentum
- SaferLock Gatekeeper

New Virtual Network

Network Name Gateway

Network Name Gateway VLAN

Include WiFi Configuration

Specify a tagged VLAN

VLAN ID 100

Tag device ports by default
What does this mean?

Next >

Cancel Save

4. Click on the **Gateway** pull down menu and select **Tallac Gateway**. If needed, update any IP settings. The Tallac device can act as the DHCP server for this VLAN. Select **Save**.

Groups

All

- Admin for Johnson
 - Site Templates
 - Sites
 - 16822 Tudor Ln
 - Demo Site
 - Virtual Networks**
 - Devices
 - Luna GW
 - Johnson Home
- Hacker Lab
- KAP Office Park
- LinkSource
- Momentum
- SaferLock Gatekeeper

New Virtual Network

Network Name Gateway

What's a gateway?

Gateway Tallac Gateway

LAN IP Address 192.168.254.254

Subnet Mask 255.255.255.0

DHCP Service Enabled

DHCP Start IP Address 192.168.254.11

DHCP End IP Address 192.168.254.250

DNS Servers 192.168.254.254

DHCP Lease Duration 96 Hours

< Previous

Cancel Save

5. Now we will create the User Network VLAN on the protected side of the firewall. Select **+ New Virtual Network**.

Tallac Networks Dashboard Inventory Groups Notifications Audit Logs 24

Groups

All

- Admin for Johnson
 - Site Templates
 - Sites
 - 16822 Tudor Ln
 - Demo Site
 - Virtual Networks**
 - Gateway VLAN

+ New Virtual Network

Search Clear

Gateway VLAN

Gateway LAN 192.168.254.254/255.255.255.0

VLAN 100

6. Enter the **Network Name** for the User VLAN. If you are not using Tallac Access Points, do NOT select **Include WiFi Configuration**. Do NOT select **Specify a Tagged VLAN**, simply use the default network for the User VLAN. Select **Next >**.

The screenshot shows the 'New Virtual Network' configuration page. On the left is a sidebar with a tree view of groups, including 'Virtual Networks'. The main form has two tabs: 'Network Name' and 'Gateway'. The 'Network Name' tab is active, showing a text input field with 'User VLAN'. Below it are two unchecked checkboxes: 'Include WiFi Configuration' and 'Specify a tagged VLAN'. At the bottom right, there is a 'Next >' button, a 'Cancel' button, and a 'Save' button.

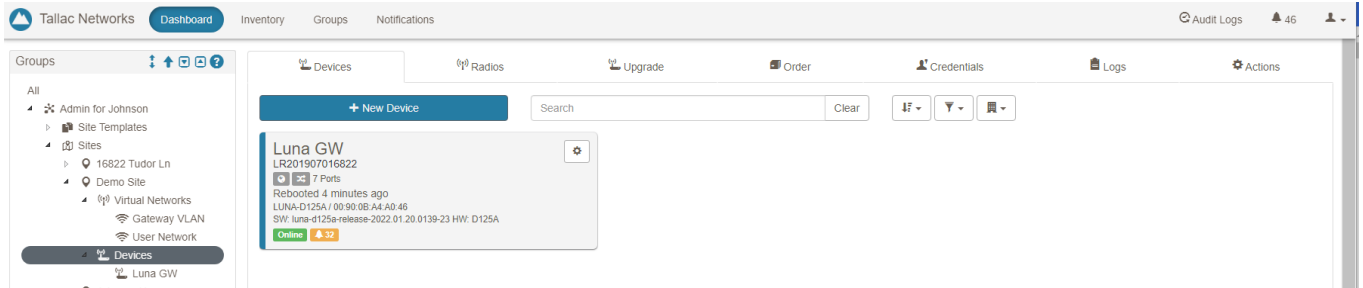
7. On this User VLAN we will use the Firewall as the **Gateway**, so select **Existing** then **Save**.

The screenshot shows the 'New Virtual Network' configuration page with the 'Gateway' tab selected. A dropdown menu titled 'What's a gateway?' is open, showing 'Existing' as the selected option. A 'Previous' button is located at the bottom left. At the bottom right, there are 'Cancel' and 'Save' buttons.

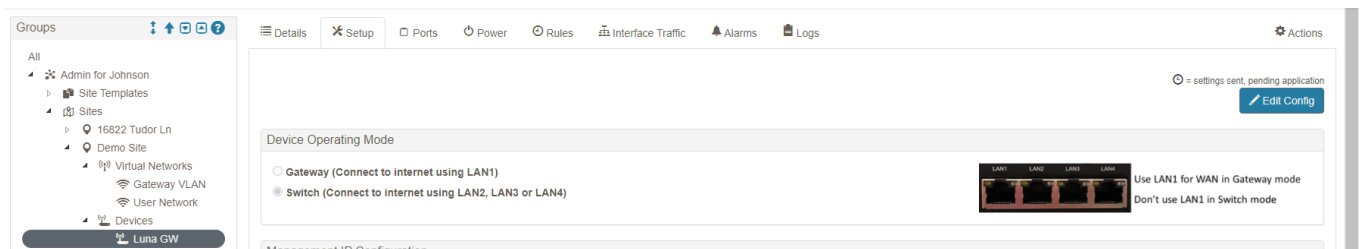
8. The two VLANs that were created will be displayed. This configuration allows the device to access both sides of the firewall. The Gateway VLAN will control policies for internet failover, and the User VLAN will be used for device discovery, security scans, and power automation.

The screenshot shows the Tallac Networks dashboard. The top navigation bar includes 'Tallac Networks', 'Dashboard', 'Inventory', 'Groups', and 'Notifications'. On the right, there are links for 'Audit Logs', a notification bell with '24', and a user profile icon. The main content area is titled 'Virtual Networks' and features a '+ New Virtual Network' button, a search bar, and a 'Clear' button. Below these are two cards representing the created VLANs: 'Gateway VLAN' (with details: Gateway LAN 192.168.254.254/255.255.0 VLAN 100) and 'User VLAN'.

- Now that the networks have been created we can configure the device. Navigate to the **Devices** view. If the device has not yet been added to the site, select **+ New Device**, connect the device to the internet and add its serial number. Hover over the **Luna GW** box and select it. A shortcut is also provided by selecting the **Luna GW** on the left under the **Groups** hierarchy.



- The default tab is in the **Details** tab view. Instead, select the **Setup** tab and select **Edit Config** (on the right side of the setup screen). The fields can now be edited.



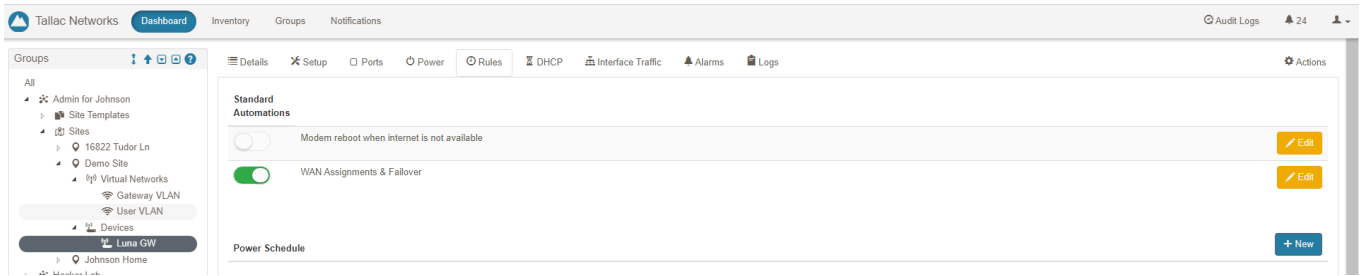
- Under **Device Operating Mode** select **Gateway**. Under **LAN Port Setup**, hover above the boxes representing the physical ports on the device and click to select **U** (untagged) for the port connected to the firewall in the **Gateway VLAN**. In the example below, the **LAN2** port is configured untagged on the **Gateway VLAN**. The remaining ports will be assigned by default to the **User Network**. Click **Apply Config** on the upper right hand side of the setup screen to save the changes. A message will appear with information explaining that the device is about to enter Gateway Mode. Select **Enable Gateway** and the device will reboot and accept the configuration. This will take a few minutes.

The screenshot displays the configuration page for a device named 'Luna GW'. The 'Device Operating Mode' is set to 'Gateway (Connect to internet using LAN1)'. The 'WAN Port IP Configuration' table shows LAN1 with DHCP and IP Address. The 'Management IP Configuration' table shows MGMT with DHCP, IP Address 192.168.254.105, Subnet Mask 255.255.255.0, and Default Gateway 192.168.254.105. The 'LAN Port Setup' section shows LAN2 selected as 'U' (untagged) for the Gateway VLAN (VLAN 100).

- The device is now configured to use the VLANs as intended. To enable the LTE as a backup, select the **Rules** tab.

The screenshot displays the 'Rules' tab for the device 'Luna GW'. The 'Rules' tab displays a timeline of activity for LAN1 and LTE. The 'Device Name' is 'Luna GW'. The 'Building', 'Floor', and 'Serial' fields are empty. The 'Model' is 'LUNA-D125A'. The 'MAC Address' is '00:90:0B:A4:A0:46'. The 'MGMT IP Address' is empty. The 'Software Version' is 'luna-d125a-release-2022.01.20.0139-23'. The 'Hardware Version' is 'D125A'. The 'Last Reboot' is '01/22/2022 11:04 AM (about 11 minutes ago)'. The device is shown as 'Online'.

- Under the **Rules** tab, enable the slider for **WAN Assignments & Failover**. By default, LTE will failover when the WAN connected to the LAN1 port fails.



- Device discovery may now be enabled under the **Actions** gear pull down menu on the far upper right of the screen. Configure any power automation and fail over rules using the **Power** Tab. If you do not want to use the gateway to filter inbound traffic you can also configure port forwarding rules under the **Setup** tab.

For more information please visit [Tallac.com/support](https://tallac.com/support) or if you need further assistance please contact Tallac support at support@tallac.com