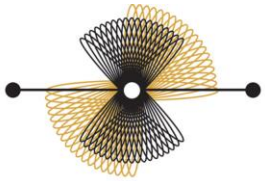


INTERACTIVE INTELLIGENCE®

Deliberately Innovative

3rd Party Certified Equipment Supplemental Information

Certification Completed On:
05/31/2013

Dgw 2.0.20.301 – Mediatrix 3000 Series

1 Important Notes

- Check the *SIP 3rd Party Validation Website* for current validation status. The *SIP 3rd Part Validation Website* can be viewed at:
  http://testlab.inin.com

- The default behavior of the Mediatrix 3000 is to try to obtain a dynamic IP address through a DHCP server. If properly configured, once connectivity has been established, a reserved WAN IP address associated with a particular unit would already be known.

- If you have not reserved a WAN IP address, you can discover which WAN IP address has been assigned to the Mediatrix 3000 by either:

  - Obtaining the IP address of the Mediatrix 3000 by consulting your DHCP server's logs to find out details on the DHCP lease that was given to the Mediatrix 3000.
  - Using a network packet sniffer (e.g., Wireshark) examine the DHCP messages exchanged between the Mediatrix 3000 and your DHCP server while the Mediatrix 3000 boots up.

- As this unit is a critical piece of the SIP infrastructure, it is highly recommended that DHCP not be used. A static IP address is the preferred method and is how the unit was configured during validation.

- While this device supports IPv6, IPv4 was used in the certification tests.

2 Vendor Documentation

http://www.mediatrix.com/en/voip-gateways/mediatrix-3000-series

3 Validated Firmware Version

Dgw 2.0.20.301

4 Configuration

Methods:

- Web interface. There are many advanced options that are exposed in the web interface. Caution should be exercised and the Mediatrix documentation should always be referenced when using the web interface configuration option.

Initial Setup:

- Unzip the ZIP file containing the Mediatrix 3000 firmware and configuration files.
- Follow the Mediatrix instructions (on the CD or in the booklet shipped with the Mediatrix 3000) for getting an IP address assigned to the device.
- Start a web browser and type in the IP address of the Mediatrix 3000
- The default user name is “admin” and the password is “administrator”. It is recommended to change the password when possible for security reasons.

Download Current Firmware:

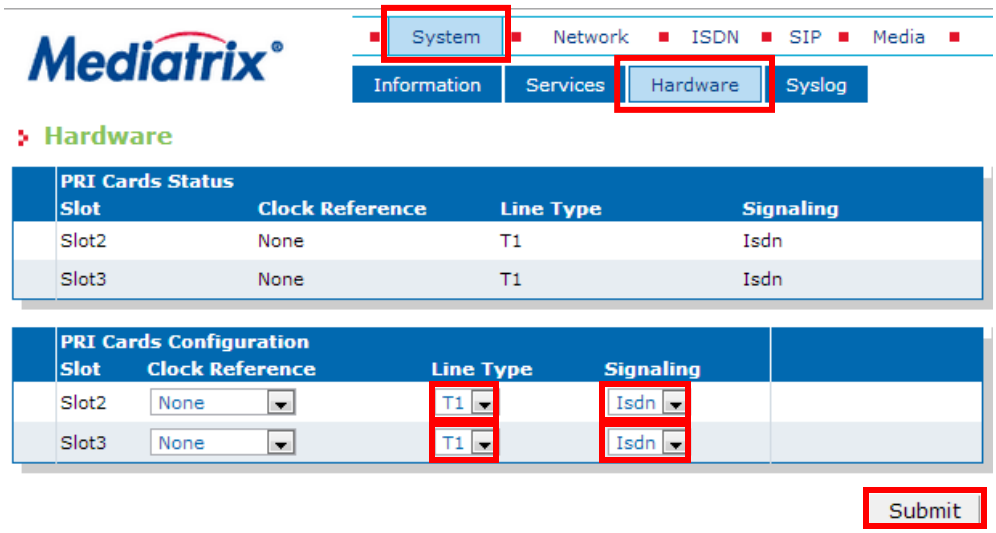
- Refer to vender documentation for downloading current firmware.

Contents

Changing the Configuration:

4.1 System Configuration

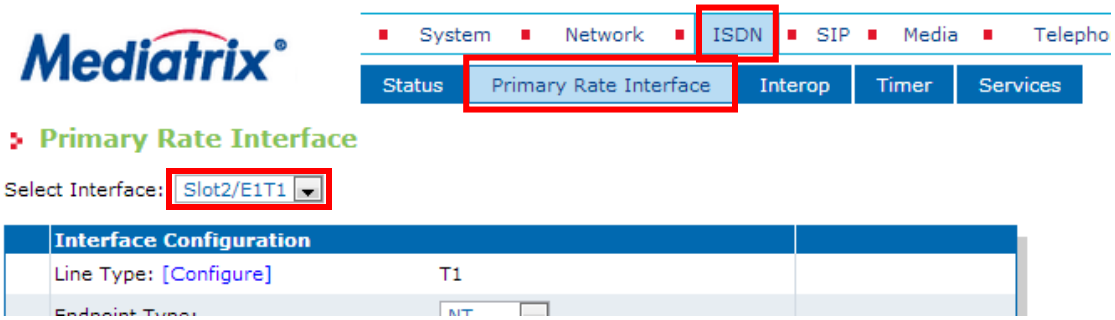
- Once in the Mediatrix web interface go to **System** > **Hardware**



- Change Slot2 Line Type drop down to **T1** and Signaling drop down to **Isdn**. Repeat for Slot3. (Refer to picture above)
- Press **Submit** to save changes.

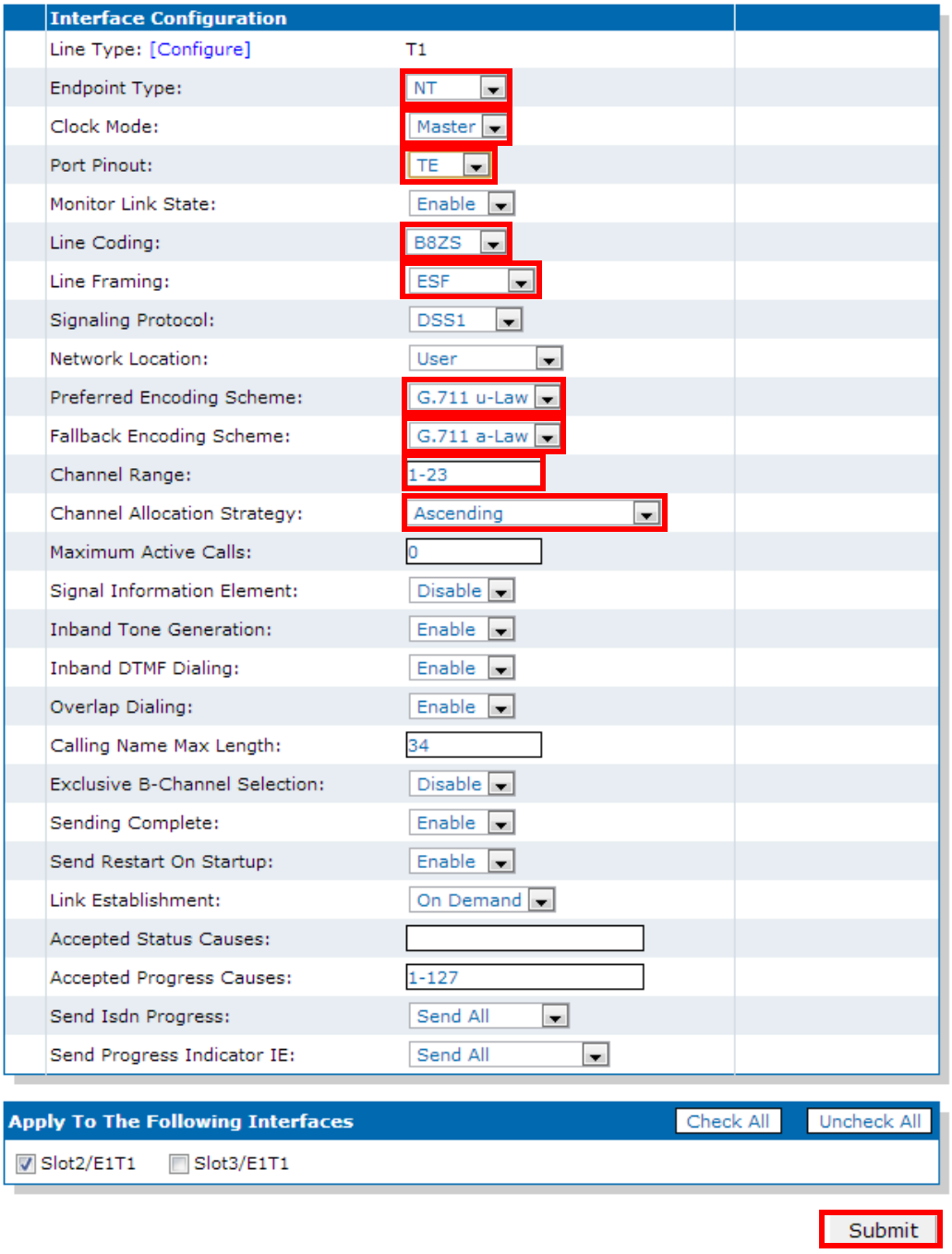
4.2 ISDN Configuration

- Go to **ISDN** > **Primary Rate Interface**

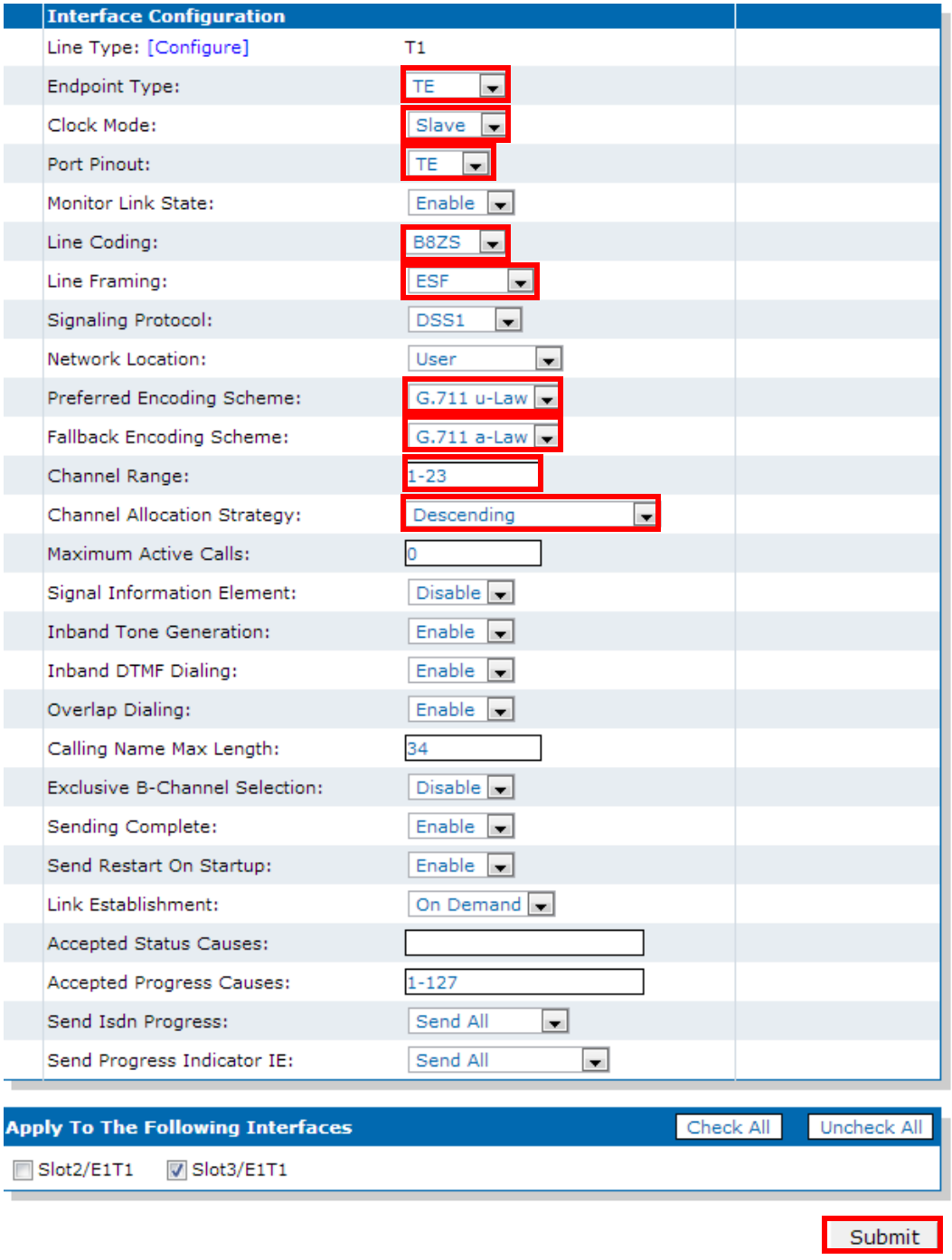


- Change Select Interface drop down to **Slot2/E1T1**. (Refer to picture above)

- Change Endpoint Type drop down to **NT**, change Clock Mode drop down to **Master**, change Port Pinout drop down to **TE**, change Line Coding drop down to **B8ZS**, change Line Framing drop down to **ESF**, change Preferred Encoding Scheme drop down to **G.711 u-Law**, change Fallback Encoding Scheme drop down to **G.711 a-Law**, change Channel Range to **1-23**, and change Channel Allocation Strategy drop down to **Ascending**. (Refer to picture below)
- Press **Submit** to save changes.



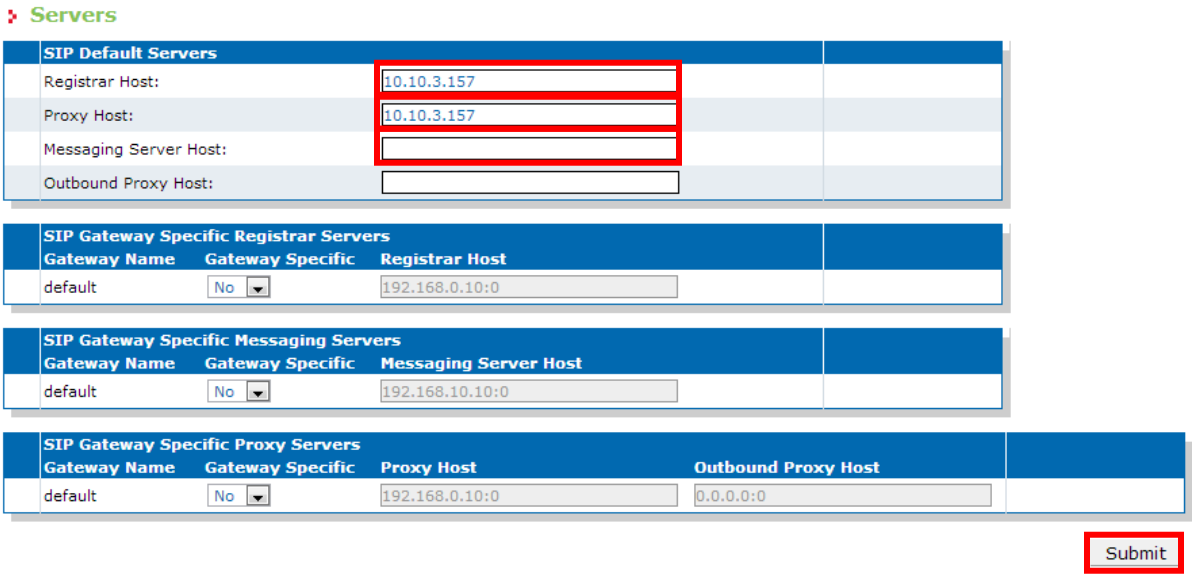
- Change Select Interface drop down to **Slot3/E1T1**.
- Change Endpoint Type drop down to **TE**, change Clock Mode drop down to **Slave**, change Port Pinout drop down to **TE**, change Line Coding drop down to **B8ZS**, change Line Framing drop down to **ESF**, change Preferred Encoding Scheme drop down to **G.711 u-Law**, change Fallback Encoding Scheme drop down to **G.711 a-Law**, change Channel Range to **1-23**, and change Channel Allocation Strategy drop down to **Descending**. (Refer to picture below)
- Press **Submit** to save changes.



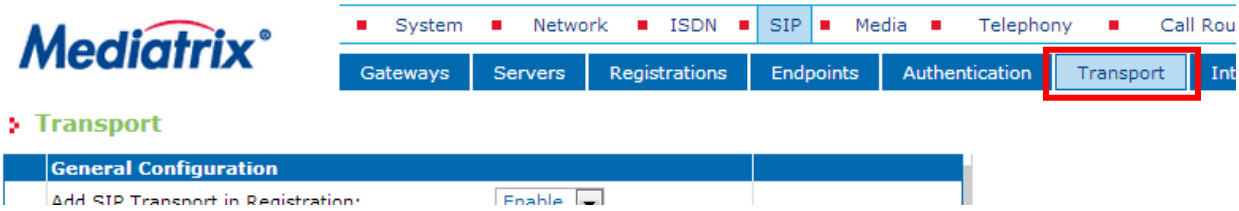
4.3 SIP Configuration

- Go to **SIP** > **Servers**

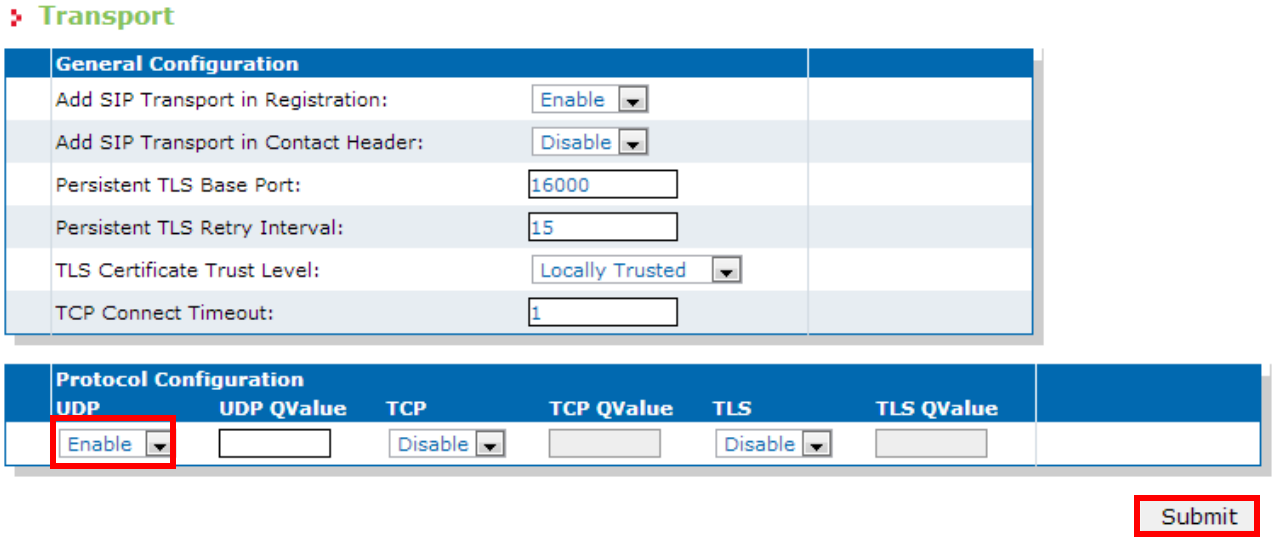
- Input the IP address of the Registrar Host.
- Input the IP address of the Proxy Host.
- Remove default IP address in Messaging Server Host.
- Click **Submit** to save changes.



- Go to **Transport**



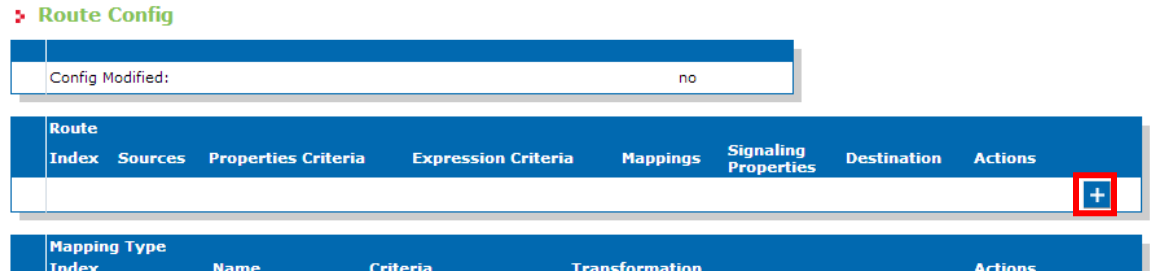
- Under UDP in Protocol Configuration change the drop down to **Enable**. (Refer to picture below)
- Click **Submit** to save changes.
  (If testing TCP, change UDP to **Disable** and TCP to **Enable**)



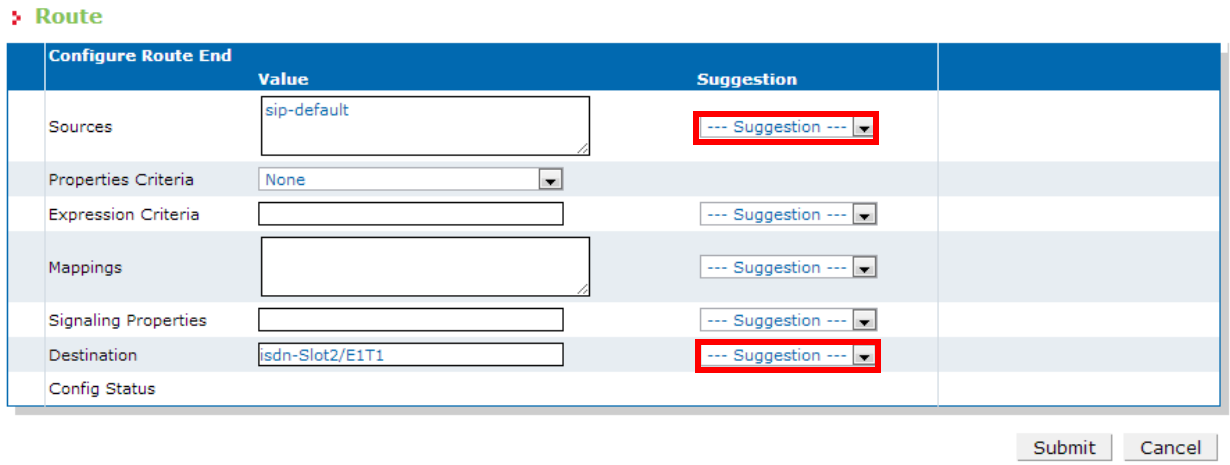
4.4 Call Router Configuration

- Go to **Call Router** > **Route Config**

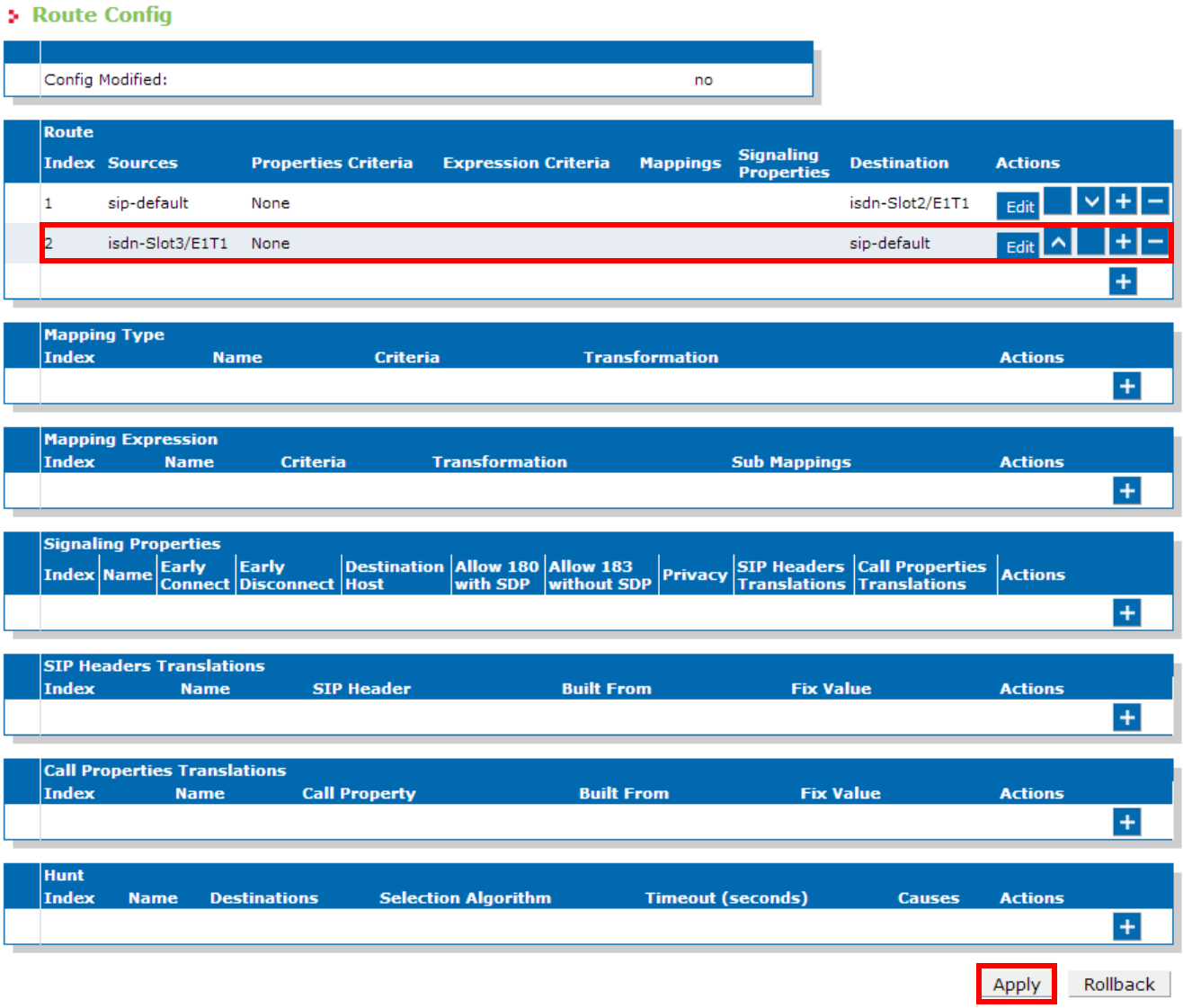
- In Route click the "**+**" button.



- In Sources change the Suggestion drop down to **sip-default**, in Destination change Suggestion drop down to **isdn-Slot2/E1T1**. (Refer to picture below)
- Click **Submit** to save configuration.

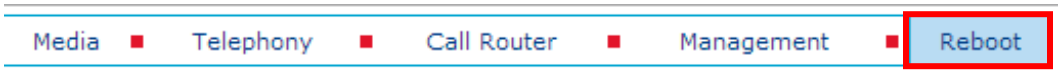


- Repeat previous Configuration Route End for another Route except change the Sources to **isdn-Slot3/E1T1** and Destination to **sip-default**. (Refer to picture below)
- Click **Apply** to apply changes.

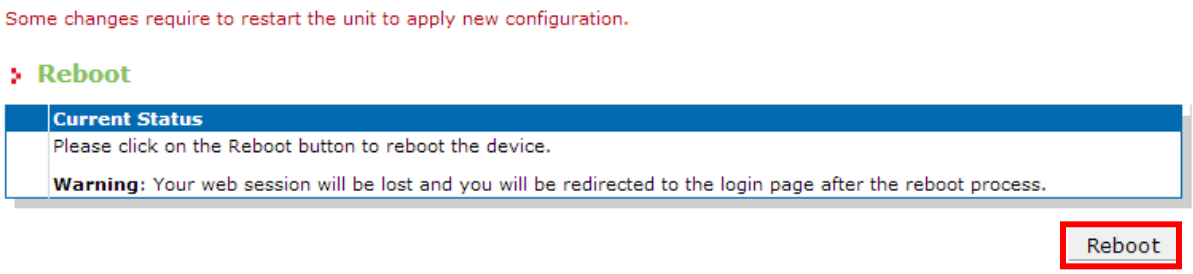


4.5 System Reboot

- Go to **Reboot**

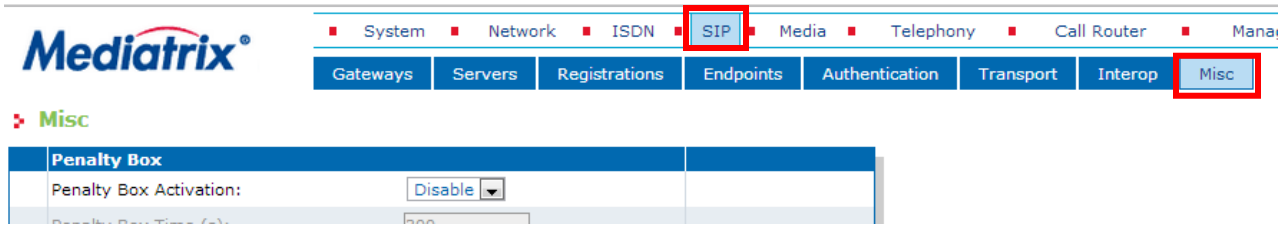


- If prompted, click **Reboot** to restart the unit and apply new configuration settings. (Refer to picture below)

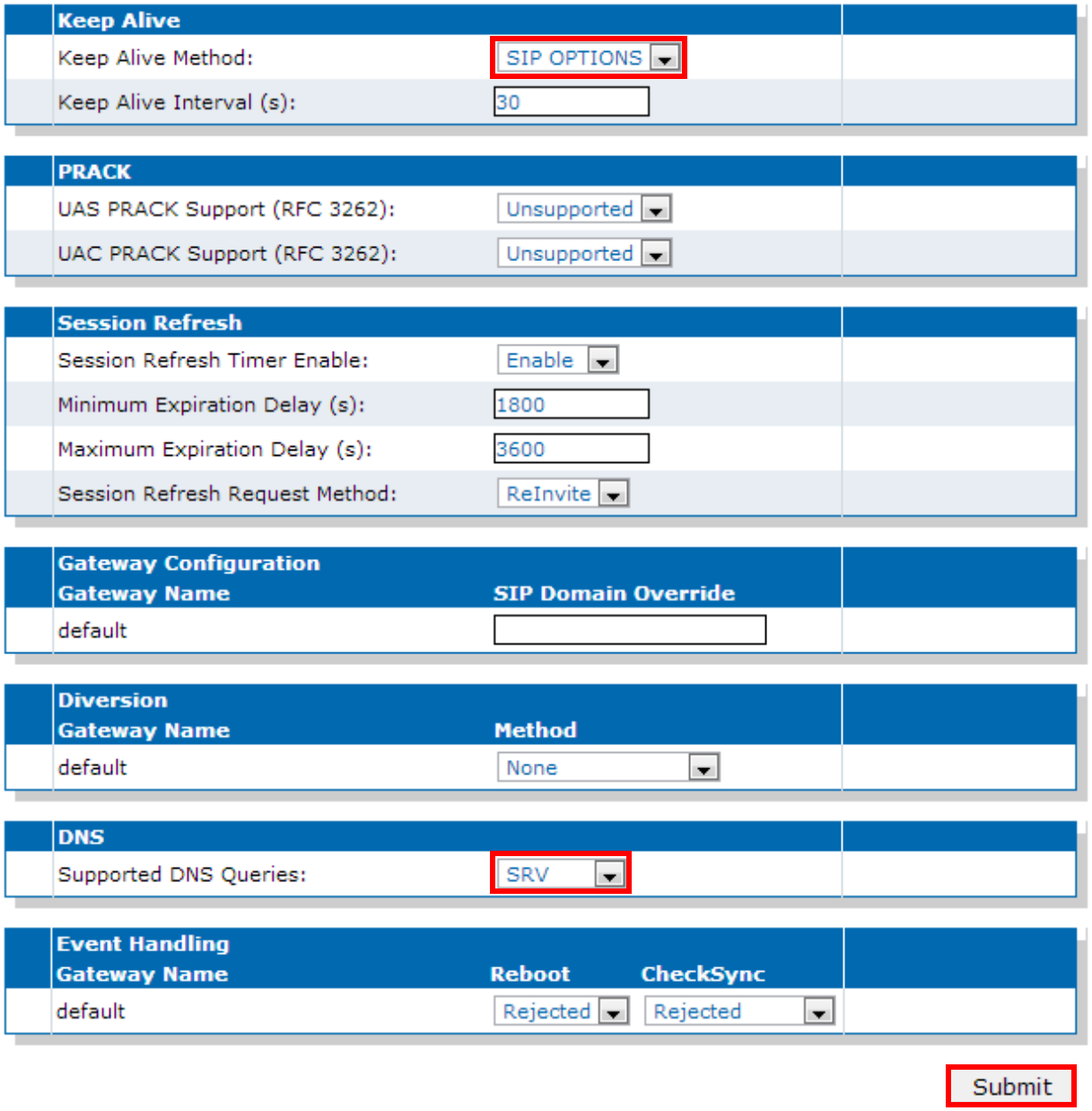


5 Redundant Proxy Configuration

- Go to **SIP** > **Misc**

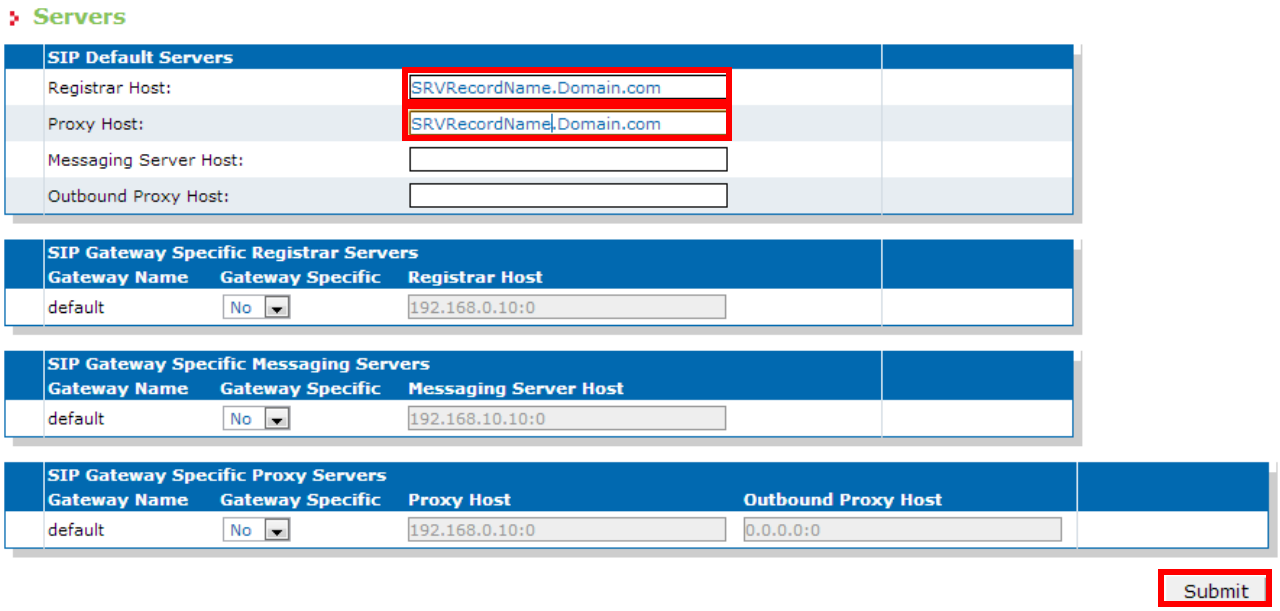


- Change Keep Alive Method under Keep Alive to **SIP Options**, Change Supported DNS Queries under DNS to **SRV**. (Refer to picture below)
- Click **Submit** to save changes.



- Go to **SIP** > **Servers**

- In Registrar Host type the SRV Record Name.
- In Proxy Host type the SRV Record Name.
- Click **Submit** to save changes.



- Repeat Step 5.5 to Reboot and confirm that changes take effect.