

# Swapping of PRI on MSBG Procedure

The below Document guides you on the Procedure on before swapping PRI from one MSBG to Another MSBBG

Incase if want to swap the PRI from one MSBG to another MSBG also removing and reconnecting please ensure you are following the below procedure correctly .

There are 2 possible way in doing the same

- 1.From GUI
- 2.From CLI

## From GUI

Login in to the UI of the MSBG on which you like to work on with login credentials, once you logged in go the below menu

### Click on Overview Dashboard- Control Panel

Once you navigate to that page you will be having similar to the one shown below

The screenshot displays the SBC (Softswitch) GUI. The top navigation bar includes icons for System, Network, Storage, Events, Configuration, Services, and a power button. The left sidebar shows a navigation menu with categories like Overview, Configuration, System, Reports, and Help. The main content area is titled 'Overview / Dashboard / Control Panel' and contains three service status tables.

Application Services				
Service	Status	Uptime	CPU(%)	Memory(%)
Vega Session Controller	STARTED	04:26	0.85	1
TDM Gateway	STARTED	19:45	0.625	0.8

Security Services				
Service	Status	Uptime	CPU(%)	Memory(%)
SIP Security Monitor	STARTED			
Media Firewall	STOPPED			
IP Firewall	STOPPED			
Intrusion Detection	STOPPED			
Intrusion Prevention	STOPPED			

System Services				
Service	Status	Uptime	CPU(%)	Memory(%)
Secure Shell	STARTED	16:17	0	0.2

Before removing the PRI please click on the STOP which is on right side corner of the TDM Gateway

**SBC**  
Version: 2.2.8-48 (GA)

System Network Storage Events Configuration Services

Overview / Dashboard / Control Panel

Application Services					
Service	Status	Uptime	CPU(%)	Memory(%)	
Vega Session Controller	STARTED	04:26	0.85	1	Stop
TDM Gateway	STARTED	19:45	0.625	0.8	Stop

Security Services					
Service	Status	Uptime	CPU(%)	Memory(%)	
SIP Security Monitor	STARTED				Stop
Media Firewall	STOPPED				
IP Firewall	STOPPED				Start
Intrusion Detection	STOPPED				Start
Intrusion Prevention	STOPPED				Start

System Services					
Service	Status	Uptime	CPU(%)	Memory(%)	
Secure Shell	STARTED	16:17	0	0.2	Stop

Once you click you will get a popup message like shown below

Overview / Dashboard / Control Panel

Application Services					
Service	Status	Uptime	CPU(%)	Memory(%)	
Vega Session Controller	STARTED	04:26	0.85	1	Stop
TDM Gateway	STARTED	19:45	0.625	0.8	Stop

**Service TDM Gateway**

! Confirm to stop service : TDM Gateway?

Ok Cancel

Security Services					
Service	Status	Uptime	CPU(%)	Memory(%)	
SIP Security Monitor	STARTED				Stop
Media Firewall	STOPPED				
IP Firewall	STOPPED				Start
Intrusion Detection	STOPPED				Start
Intrusion Prevention	STOPPED				Start

The moment you click OK you will be seeing the below message

The screenshot shows the SBC Control Panel interface. The 'Application Services' table is visible, with the following data:

Service	Status	Uptime	CPU(%)	Memory(%)	Action
Vega Session Controller	STARTED	04:26	0.85	1	Stop
TDM Gateway	STARTED	19:45	0.625	0.8	Stop

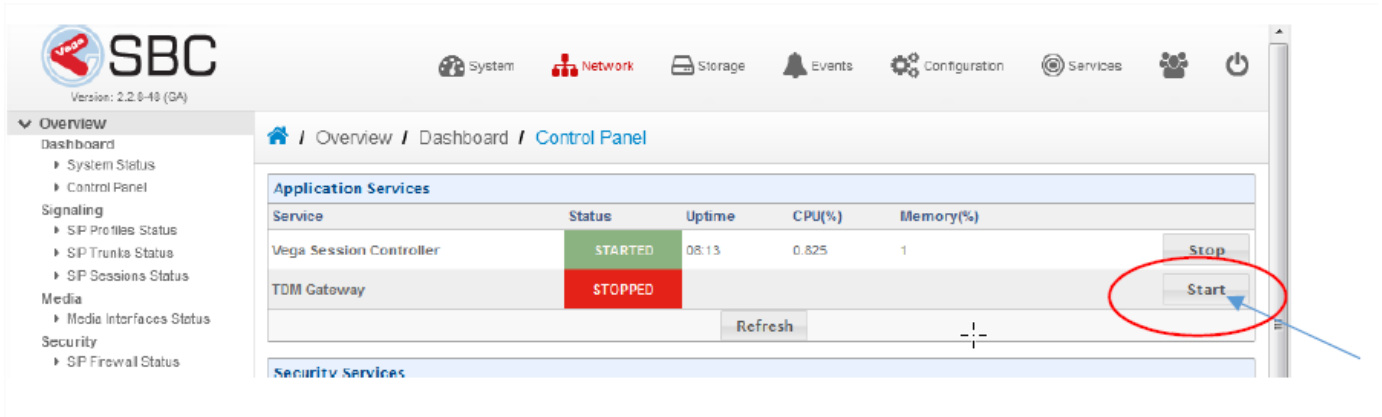
A modal dialog box is displayed in the center of the screen with the text: "Please wait... Stopping TDM Gateway".

Once the service is stopped then you will be seeing the status of the TDM gateway STOPPED as shown below

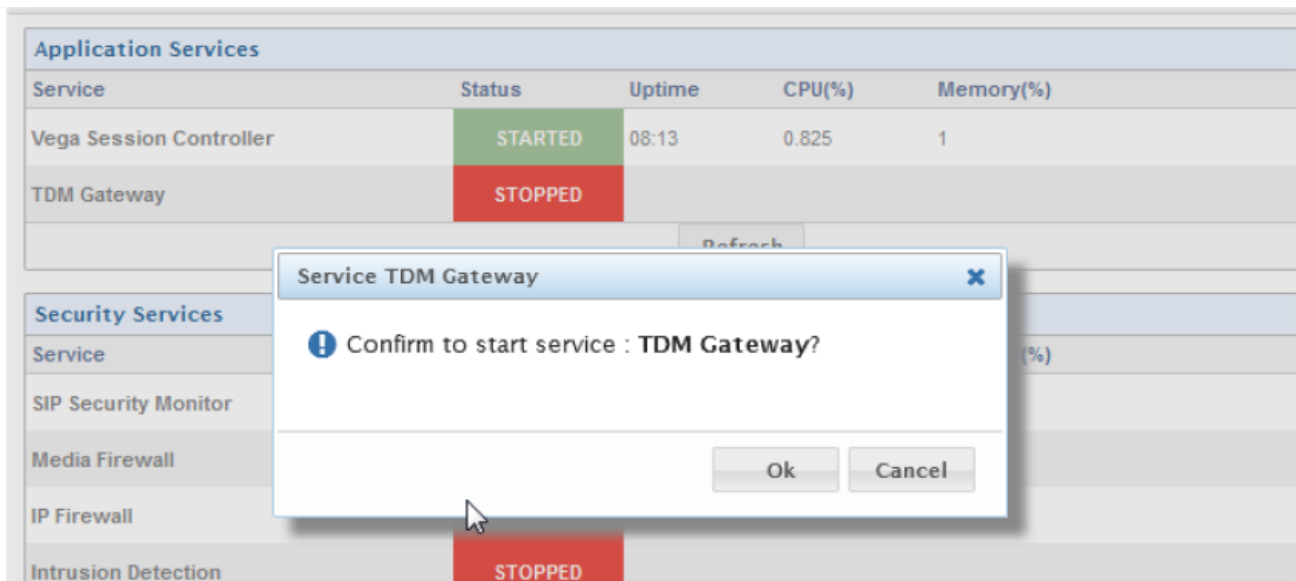
The screenshot shows the SBC Control Panel interface after the TDM Gateway service has been stopped. The 'Application Services' table is visible, with the following data:

Service	Status	Uptime	CPU(%)	Memory(%)	Action
Vega Session Controller	STARTED	08:13	0.825	1	Stop
TDM Gateway	STOPPED				Start

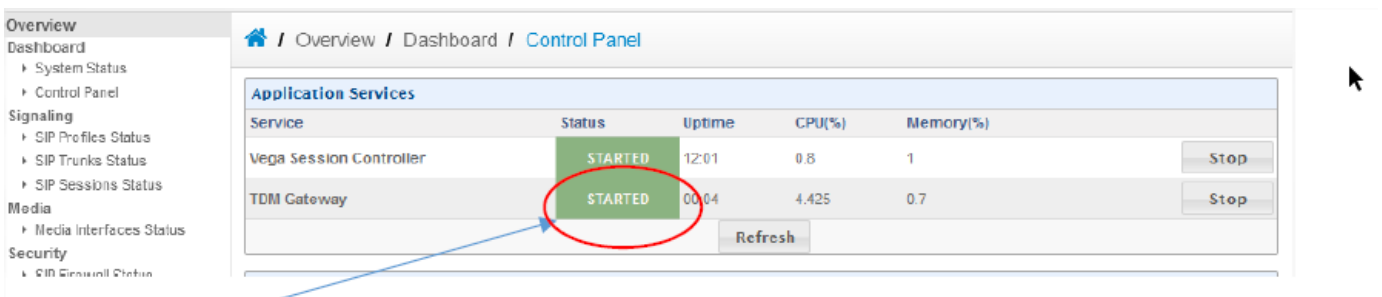
Once PRI is moved back / Reconnected to the SBC, then you can click on the **START** button which is again on the right side corner



Which will again popup a message stating are you sure want to start the service



Click on the **OK** to proceed towards starting of the service once started then you can see the service as shown below



## FROM CLI

As mentioned above the other way of doing around the same process is from the CLI for which please follow the below process

SSH to the SBC on which you will be doing the activity

Then execute the command as shown below

```
root@LAB-SBC-1 ~
# service nsg stop
Stopping Netborder SS7 Gateway: [ OK ]
mediarec: unrecognized service
root@LAB-SBC-1 ~
#
```

Make sure the you get that OK , to re-confirm that service are stopped you can execute the below command to verify that service is stopped

```
root@LAB-SBC-1 ~
# service nsg status
nsg is stopped
root@LAB-SBC-1 ~
#
```

Once PRI Is connected back then execute the following command to start the service

```
root@LAB-SBC-1 ~
# service nsg start
Starting WAN Router...
Loading WAN drivers: wanpipe done.
mediarec: unrecognized service
Starting Netborder SS7 Gateway:..... [ OK ]
#
```

You need to get OK once the service is started,

You can reconfirm the same by executing the below command that service is running.

```
root@LAB-SBC-1 ~  
# service nsg status  
nsg (pid 19156) is running...
```