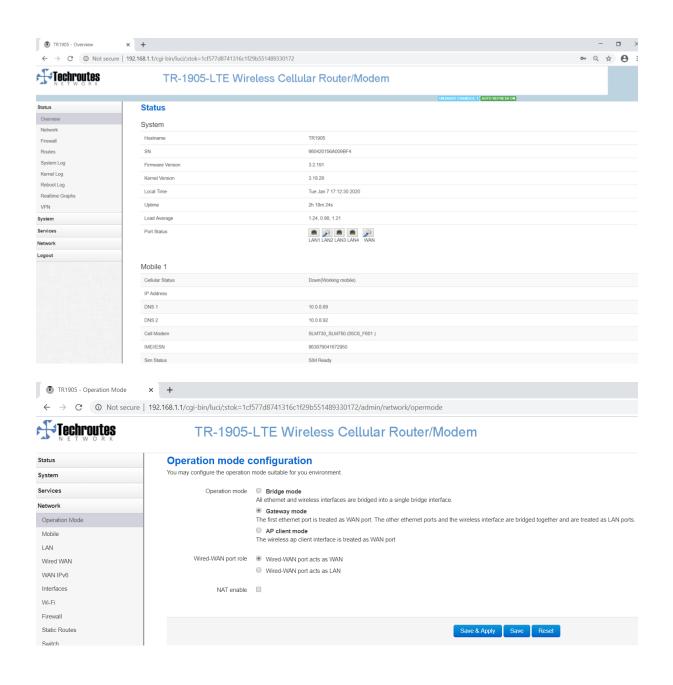


Figure : TR 1905-LTE /TR1804-4G BGP with link failover test diagram

TR -1905-LTE BGP with link failover test case:-

- 1) Link failover wired-wan and cell configure primary link wired-wan secondary cell.
- 2) BGP with failover configure on TR 1905-LTE, Primary wired-wan up BGP session established via Wan interface with neighbor 172.36.252.69
- 3) When Primary wired-wan link status change to down secondary cell get up and BGP session established with source loopback (neighbor 172.42.63.81) via cell interface.
- 4) Primary link fall-back , then BGP session auto clear via cell interface and established via wired-wan link.



TR1905 - General	× +	- 🗆 X
$\leftarrow \rightarrow C$ (O) Not secure	192.168.1.1/cgi-bin/luci/;stok=1cf577d874131	16c1f29b551489330172/admin/network/mobile 🛛 🗣 🔍 🖈 🕒 :
Status	General SIM Switch	
System		
Services	Mobile Configuration	
Network	SIM 1 SIM 2	
Operation Mode	Enable 🗹	
Mobile	Enable	
LAN	Mobile connection DHCP mode	e Y
Wired WAN	IP Passthrough	
WAN IPv6	in rassinough E	
Interfaces	PIN code	
Wi-Fi	Dialing number *99#	
Firewall		
Static Routes	APN airtelconnec	icom
Switch	Authentication method PAP	
DHCP and DNS	Adhenication method	
Diagnostics	Username Anil@3g.com	m
Loopback Interface	Descured	
Hostnames	Password	•
Dynamic Routing	Network Type automatic	v
Guest LAN(Guest WiFi)		
QoS	MTU 1500	
Load Balancing	Default route	
Logout		
		Save & Apply Save Reset
		v 1944
Type here to search	O H (	🔁 🔯 💁 🎨 💽 🚰 🧱 🦉 🧮 🕅 🖬 🖓 🔶 ^ 🧟 🐂 40 ENG 07-01-2020

## Using SIM1 only Sim2 disabled

Status	General SIM Switch	
System		
Services	Mobile Configurat	tion
Network	SIM 1 SIM 2	
Operation Mode	Enable	
Mobile	Lilable	
LAN	Mobile connection	DHCP mode v
Wired WAN	IP Passthrough	
WAN IPv6	in rassinough	
Interfaces	PIN code	
Wi-Fi	Dialing number	*99#
Firewall		
Static Routes	APN	3gnet
Switch	Authentication method	None
DHCP and DNS	Adhenication method	NOR Y
Diagnostics	Network Type	automatic •
Loopback Interface		1500
Hostnames	MTU	1500
Dynamic Routing	Default route	2
Guest LAN(Guest WiFi)		
QoS		
Load Balancing		Save & Apply Save Reset
Logout		

Sim switch configuration default:-

			UNSAVED CHANGES: 4
Status	General	SIM Switch	
System	• • •		
Services	Cell Sw	vitch Confi	guration
Network		Master SIM	SIM 1 T
Operation Mode	E	Enable SIM switch	8
Mobile			
LAN			
Wired WAN	Switch R	ules	
WAN IPv6		On Time	
Interfaces		On ICMP check	
Wi-Fi			
Firewall		On signal strength	
Static Routes		On dial fail	
Switch		On data limit	
DHCP and DNS			
Diagnostics		Switch to master	
Loopback Interface			
Hostnames			
Dynamic Routing			Save & Apply Save Reset
Guest LAN(Guest WiFi)			

#### Interface Wired-wan configuration

Status	Interfaces -	WAN				
System	On this page you can INTERFACE.VLANNR			aces. You can bridge	several interfaces	by ticking the "bridge interface
Services						
Network	Common Con	figuratior	ו			
Logout	General Setup	Advanced	Settings Ph	hysical Settings	Firewall Settings	
		Status		eth0.2	MAC-, RX: 13 TX: 15	e: 0h 4m 13s Address: 90:22:06:00:8F:5A 11.90 KB (2265 Pkts.) 4.24 KB (1852 Pkts.) 172:36:252:70/30
		Protocol	Static address	; <del>,</del>		
	IP	v4 address	172.36.252.70	)		
	IPv	/4 netmask	255.255.255.2	252 •		
	IPv	v4 gateway	172.36.252.69	)		
	IPv4	l broadcast				

#### Link failover configuration wired-wan and cell (primary link is wired-wan, Secondary is SIM) When primary link remain up default route via wired-wan meanwhile cell remain down:-

Status	Failov	er Advanced			
System	Faile				
Services	Fallo	ver Configur	auon		
ICMP Check	Failov	er Settings			
VRRP		Enable	V		
Failover		Back To High priority	<b>v</b>		
SNMP		Back to high phoney			
DTU		Current interface	primary		
Modbus					
GPS	Prima	ry Configuration	1		
SMS		Primary	Wired_wan		
VPN		· · · · · · · · · · · · · · · · · · ·			
DDNS		Host1 to ping	10.55.11.69		
Connect Radio Module		Host2 to ping			
Captive Portal		riosiz to ping			
NMS		Ping timeout	1		
WEB Filter		May Datrian			
Network		Max Retries	3		
Logout		Interval between ping	10		
		NAT	Default v		
	Secondary Configu	ration			
	Seconda		v		
	Host1 to pi	ing			
	Host2 to pi				
	Ping timeo	put 1			
	Max Retri	ies 10			
	Interval between pi	ing 30			
	N	AT Default	Ŧ		
	Third Configuration	I.			
	Th	None	Ŧ		
	Host1 to pi	ing			
	Host2 to pi	ing			
	Ping timed	put 1			
	5				

## Firewall

Network Firewall Traffic Rules.

1) Allow All LAN Ports Enable Check Box and Save & Apply.

2) Open ports on router for Telnet (Name: Telnet, Protocol: TCP+UDP, External Port: 23) first need to click on add button then Save & Apply.

3) Open ports on router for BGP (Name: BGP, Protocol: TCP+UDP, External Port: 179) first need to click on add button then Save & Apply.

#### After

Allow- ICMPv6- Input	soventasement, negroup-aventasement To any royder IP on this device					
Allow- From any host in wan ICMPv6- Forward						
Open por	rts on router:					
Name		Protocol	External port			
BGP		TCP+UDP v	179 🚵 Add			
New forw	vard rule:					
Name		Source zone	Destination zone			
New forv	vard rule	lan 🔻	wan 💌 🖻 Add and edit			
			Save & Apply Save Reset			

## Firewall

Network Firewall Security.

- 1) Select Allow option from side box SSH access from WAN.
- 2) Select Allow option from side box Ping from wan to LAN.
- 3) Tick the box of Enable telnet.

TR1905 - Security	× +						
$\leftrightarrow$ $\rightarrow$ C (i) Not secure	192.168.1.1/cgi-bin/luci/;stok=1cf	577d8741316c1f29b55	51489330172/ad	min/netw	ork/firewall,	/security/	
						UNSAVED	CHANGES: 1
Status	General Settings Port For	rwards Traffic Rules	Source NAT	DMZ	Security	MAC Filter	
System							
Services	System Security C	configuration					
Network	SSH access from WAN	Allow	Ψ				
Operation Mode	Ping from WAN to LAN	Allow	•				
Mobile	5						
LAN	Enable telnet						
Wired WAN							
WAN IPv6	HTTPS Access						
Interfaces	HTTPS port	443					
Wi-Fi	in in 5 port	445					
Firewall	HTTPS access from WAN	Allow	•				
Static Routes	Remote network	Any IP address	v				
Switch	Remote network	Any IP address	v				
DHCP and DNS							
Diagnostics	HTTP Access						
Loopback Interface	HTTP port	80					
Hostnames							
Dynamic Routing	HTTP access from WAN	Allow	Ŧ				
Guest LAN(Guest WiFi)	Remote network	Any IP address					
QoS	Nemole network	Any in address					
Load Balancing	RFC1918 filter						
Logout							
						Save & Apply	Save Reset

## Loopback Interface configuration

## Network -----loopback interface configure loopback IP172.42.63.82/32

TR1905 - Loopback Interface	× +							
← → C O Not secure   192.168.1.1/cgi-bin/luci/;stok=1cf577d8741316c1f29b551489330172/admin/network/lo								
	TR-1905-	LTE Wireless Cel	lular Router/Modem					
Status	Loopback Interfac	e Configuration	UNSAVED CHANGES: 3					
System	IP address	172.42.63.82						
Services								
Network	Netmask	255.255.255.255						
Operation Mode	IP address 2							
Mobile	Netmask 2							
LAN	Netmask 2							
Wired WAN								
WAN IPv6								
Interfaces			Save & Apply Save Reset					
Wi-Fi								
Firewall								
Static Routes								
Switch								
DHCP and DNS								
Diagnostics								
Loopback Interface								

## **Dynamic Routing**

Network Dynamic Routing.

1) Tick the box of Enable Zebra.

2) Tick the box of Enable BGP.

#### 3) Save and Apply.

 $\leftarrow$ 

TR1905 - Dynamic Routing × +

→ C ① Not secure | 192.168.1.1/cgi-bin/luci/;stok=1cf577d8741316c1f29b551489330172/admin/



## TR-1905-LTE Wireless Cellular

Status	Dynamic	Routing		
System	Zebra			
Services	20014	Enable	Ø	
Network			_	
Operation Mode		Password	****	Ð
Mobile				
LAN	OSPF			
Wired WAN		Enable		
WAN IPv6		LINADIC		
Interfaces		Password	00000	4
Wi-Fi				
Firewall	OSPF6			
Static Routes	USPF0		_	
Switch		Enable		
DHCP and DNS		Password	•••••	Ð
Diagnostics				
Loopback Interface				
Hostnames	RIP			
Dynamic Routing		Enable		
	1			

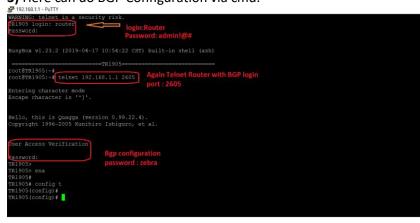
RIP					
Enable					
Password	•••••	٩			
RIPng					
Enable					
Password	•••••	٩			
BGP					
Enable	۷				
Password	•••••	٩			
			Save & Apply	Save	Reset

# Telnet TR 1905-LTE Router via local LAN IP.

1) Local Username: router Password: admin!@#.

2) Again Tenet local LAN with BGP port no 2605 and type password zebra.

**3)** Here can do BGP Configuration via cmd.



```
.00161.K1802:
root@TR1905:~# telnet 192.168.1.1 2605
Entering character mode
Escape character is '^]'.
Hello, this is Quagga (version 0.99.22.4).
Copyright 1996-2005 Kunihiro Ishiguro, et al.
User Access Verification
Password:
Password:
Password:
TR1905>
TR1905> ena
TR1905#
TR1905# sh run
Current configuration:
password zebra
router bgp 64520
bgp router-id 192.168.1.1
 network 192.168.1.0/24
 redistribute connected
 redistribute static
 neighbor 172.36.252.69 remote-as 9730
                                                 via source wired-wan
neighbor 172.36.252.69 ebgp-multihop 6
 neighbor 172.42.63.81 remote-as 9730
                                                 primary
 neighbor 172.42.63.81 ebgp-multihop 5
                                                                     k
 neighbor 172.42.63.81 update-source lo
 neighbor 172.42.63.81 timers 5 15
access-list vty permit any
access-list vty deny any
line vty
access-class vty
end
TR1905#
```

router bgp 64520 bgp router-id 192.168.1.1 network 192.168.1.0/24 redistribute connected redistribute static neighbor 172.36.252.69 remote-as 9730 // neighbor 172.36.252.69 for wired-wan neighbor 172.36.252.69 ebgp-multihop 6 neighbor 172.42.63.81 remote-as 9730 // neighbor 172.42.63.81 is for cell interface neighbor 172.42.63.81 ebgp-multihop 5 neighbor 172.42.63.81 update-source lo neighbor 172.42.63.81 timers 5 15

router identifier 192.168.1.1, local AS number 64520 RIB entries 66, using 4752 bytes of memory Peers 2, using 5056 bytes of memory Neighbor V AS MsgRcvd MsgSent TblVer InQ OutQ Up/Down State/PfxRcd 172.36.252.69 4 9730 28 21 0 0 0 00:15:35 33 BGP with primary wired link up and working, secondary link is down 0 never 72.42.63.81 D1005# TR1905# sh ip bgp neighbors BGP neighbor is 172.36.252.69, remote AS 9730, local AS 64520, external link BGP version 4, remote router ID 202.123.42.1 BGP state = Established, up for 00:15:45 Last read 00:00:40, hold time is 180, keepalive interval is 60 seconds Neighbor capabilities: 4 Byte AS: advertised and received Route refresh: advertised and received(old & new) Address family IPv4 Unicast: advertised and received Graceful Restart Capabilty: received Remote Restart timer is 120 seconds Address families by peer: IPv4 Unicast(preserved) Graceful restart informations: End-of-RIB send: IPv4 Unicast End-of-RIB received: Message statistics: Inq depth is 0 Outq depth is 0 Sent Rcvd Opens: Notifications: Updates: 12 Keepalives: 17 15 Route Refresh: Capability: Total: Minimum time between advertisement runs is 30 seconds For address family: IPv4 Unicast Community attribute sent to this neighbor (both) 33 accepted prefixes Connections established 1; dropped 0 Last reset never External BGP neighbor may be up to 6 hops away. Local host: 172.36.252.70, Local port: 53513 Foreign host: 172.36.252.69, Foreign port: 179 Nexthop: 172.36.252.70 Nexthop global: fe80::9222:6ff:fe00:8f5a Nexthop local: :: BGP connection: non shared network Read thread: on Write thread: off

BGP neighbor is 172.42.63.81, remote AS 9730, local AS 64520, external link BGP version 4, remote router ID 0.0.0.0 BGP state = Connect Last read 00:15:53, hold time is 15, keepalive interval is 5 seconds Configured hold time is 15, keepalive interval is 5 seconds Message statistics: Inq depth is 0 Outq depth is 0 Sent Rcvd Opens: Notifications: Updates: Keepalives: Route Refresh: Capability: Total: Minimum time between advertisement runs is 30 seconds Update source is lo For address family: IPv4 Unicast Community attribute sent to this neighbor (both) 0 accepted prefixes Connections established 0; dropped 0 Last reset never External BGP neighbor may be up to 5 hops away. Next connect timer due in 15 seconds Read thread: on Write thread: on TR1905#

TR1905# sh ip bgp							
	s 0, local router ID						
	pressed, d damped, h		valid, > b	est,	i - inter	nal,	
	-failure, S Stale, R						
Origin codes: i - I	GP, e - EGP, ? - inc	omplete					
Network	Next Hop	Metric Loc	Prf Weight				
*> 3.3.3.1/32	172.36.252.69			9730			
	172.36.252.69			9730			
	172.36.252.69			9730			
*> 10.55.11.66/32				9730			
*> 10.55.11.68/32				9730			
*> 10.55.11.69/32				9730			
	172.36.252.69			9730			
*> 172.34.158.8/29				9730			
*> 172.36.240.30/32				9730			
* 172.36.252.68/30		0		9730			
*>	0.0.0.0		32768				
*> 172.37.84.192/30				9730			
*> 172.38.34.0/30				9730			
*> 172.38.43.92/30				9730			
*> 172.38.149.88/30				9730			
*> 172.40.2.204/32				9730			
*> 172.40.2.205/32				9730			
*> 172.40.8.40/30				9730			
*> 172.40.24.66/32				9730			
*> 172.40.32.13/32				9730			
*> 172.40.32.14/32				9730			
*> 172.40.60.228/30				9730			
*> 172.40.162.26/32				9730			
*> 172.40.162.57/32			0	9730			
*> 172.40.224.164/3		0		9730			
*> 172.42.63.81/32	172.36.252.69			9730			
* 172.42.63.82/32				9730 9730			
*>	0.0.0.0	1	32768				
*> 182.78.171.216/3			32700				
~ 102.70.171.210/3	172.36.252.69			9730			
*> 192.168.0.0/32				9730			
	172.36.252.69			9730			
* 192.168.1.0	0.0.0.0	1	32768				
*>	0.0.0.0	0	32768				
*> 202.92.238.208/2			52700				
/ 202.92.230.200/2	172.36.252.69		0	9730	2		
*> 202.92.239.0/26					9730 i		
*> 202.92.239.192/2				5750	5750 1		
	172.36.252.69		0	9730	9730 i		
		60		5,50	3430 I	0 0720	0720 :
	172.36.252	.09				0 9730	9730 i
*> 202.92.239.1	194/32						
	172.36.252	.69				0 9730	?
m - + - 1 1	5						
Total number of	r prefixes 34						
mp1005#							

root@TR1905:~# route Kernel IP routing table								
Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface	
default	172.36.252.69	0.0.0	UG	0	0	0	eth0.2	
3.3.3.1	172.36.252.69	255.255.255.255	UGH	0	0	0	eth0.2	
4.4.4.1	172.36.252.69	255.255.255.255	UGH	0	0	0	eth0.2	
8.8.8.1	172.36.252.69	255.255.255.255	UGH	0	0	0	eth0.2	
10.55.11.66	172.36.252.69	255.255.255.255	UGH	0	0	0	eth0.2	
10.55.11.68	172.36.252.69	255.255.255.255	UGH	0	0	0	eth0.2	
10.55.11.69	172.36.252.69	255.255.255.255	UGH	0	0	0	eth0.2	
101.0.0.0	172.36.252.69	255.255.255.0	UG	0	0	0	eth0.2	
172.34.158.8	172.36.252.69	255.255.255.248	UG	0	0	0	eth0.2	
172.36.240.30	172.36.252.69	255.255.255.255	UGH	0	0	0	eth0.2	
172.36.252.68		255.255.255.252	U	0	0	0	eth0.2	
172.37.84.192	172.36.252.69	255.255.255.252	UG	0	0	0	eth0.2	
172.38.34.0	172.36.252.69	255.255.255.252	UG	0	0	0	eth0.2	
172.38.43.92	172.36.252.69	255.255.255.252	UG	0	0	0	eth0.2	
172.38.149.88	172.36.252.69	255.255.255.252	UG	0	0	0	eth0.2	
172.40.2.204	172.36.252.69	255.255.255.255	UGH	0	0		eth0.2	
172.40.2.205	172.36.252.69	255.255.255.255	UGH	0	0	0	eth0.2	
172.40.8.40	172.36.252.69	255.255.255.252	UG	0	0	0	eth0.2	
172.40.24.66	172.36.252.69	255.255.255.255		0	0		eth0.2	
172.40.32.13	172.36.252.69	255.255.255.255		0	0		eth0.2	
172.40.32.14	172.36.252.69	255.255.255.255		0	0		eth0.2	
172.40.60.228	172.36.252.69	255.255.255.252		0	0		eth0.2	
172.40.162.26	172.36.252.69	255.255.255.255		0	0		eth0.2	
172.40.162.57	172.36.252.69	255.255.255.255		0	0		eth0.2	
172.40.224.164	172.36.252.69	255.255.255.252		0	0		eth0.2	
172.42.63.81	172.36.252.69	255.255.255.255		0	0		eth0.2	
182.78.171.216	172.36.252.69	255.255.255.252		0	0		eth0.2	
192.168.0.0	172.36.252.69	255.255.255.255		0	0		eth0.2	
192.168.0.4	172.36.252.69	255.255.255.255		0	0		eth0.2	
192.168.1.0		255.255.255.0	U	0	0		br-lan	
202.92.238.208	172.36.252.69	255.255.255.240		0	0		eth0.2	
202.92.239.0	172.36.252.69	255.255.255.192		0	0		eth0.2	
		255.255.255.192		0	0		eth0.2	
202.92.239.194	172.36.252.69	255.255.255.255	UGH	0	0	0	eth0.2	
root@TR1905:~#								

TD 100					2 ☆
18-190	05-LTE Wireless Ce	ellular Router/Modem			
	ently active on this system.	(MSAND)	GRANDED)		
JPv4-Address		MAC-Address		Interface	
172.36.252.69		e0:ac:f1:5f:77:81 d8:c4:97:98:dd:2f		eth0.2 br-lan	
100000		Dud Cate	Market Market	telo Tabla	
wan	0.0.0/0			main	
wan	3.3.3.1	172.36.252	2.69 0	main	
wan	4.4.4.1	172.36.252	2.69 0	main	
wan	8.8.8.1			main	
wan				main	
wan	172.34.158.8/29			main	
	Network           wan           wan	Network         Target           Value         5000000000000000000000000000000000000	Notices         Mac_Address           Jbd-Address         Mac_Address           Jbd-Address         e0act15.077.01           172.30.252.00         e0act15.077.01           192.188.1.34         d0c4.07.06.dd.27           Adtive Jbd-Address           Meteorie           Network           102.188.1.34         d0c4.07.06.dd.27           Meteorie           van         0.00.00           3.3.3.1         172.36.252           van         4.4.4.1         172.36.252           van         0.55.11.66         172.36.252           van         1055.11.66         172.36.252           van         1055.11.68         172.36.252           van         1055.11.69         172.36.252	McAdress         McAdress           FAP4Adress         McCAdress           F24Adress         McCAdress           1232.52.90         e0 ac11.577.91           12183.13         d8 c4 97.98 dd 21           FAtree FActores         FAtree FActores           Marca 0.00.00         172.36.52.69         0           van         0.30.1         172.36.52.69         0           van         4.4.1         172.36.52.69         0           van         0.55.11.66         172.36.52.69         0           van         0.55.11.61         172.36.52.69         0           van         0.55.11.62         172.36.52.69         0           van         0.55.11.62         172.36.52.69         0           van         0.55.11.62         172.36.52.69	Kortes         MAC-Adres         Mace-Adres           Apple         MAC-Adres         Mace-Adres           120.252.09         off.07.01         off.02           120.101         off.02         off.02           120.102         off.02         off.02           120.101         off.02         off.02           120.102         off.02         off.02           Arrow         Noto         Noto         off.02           Nano         0.000         172.02.260         off.02         nano           Nano         0.001         172.02.260         off.02         nano           Nano         105.1180         172.02.260         off.02         nano <t< td=""></t<>

wan	192.168.0.4	172.36.252.69	0	main
an	192.168.1.0/24		0	main
wan	202.92.238.208/28	172.36.252.69	0	main
wan	202.92.239.0/26	172.36.252.69	0	main
van	202.92.239.192/26	172.36.252.69	0	main
wan	202.92.239.194	172.36.252.69	0	main
	10.55.11.69 2 <b>5</b>	172.36.252.69	0	local
wan Active <u>IPv6</u> -Route Network		172 36 252 69 Source	0 Metric	local
Active IPv6-Route	95			
Active IPv6-Route	25 Target		Metric	Table
Active JPv6-Route Network ian (eth0)	2S Target foc1.78ff.abf7.764		Metric 1024	<b>Table</b> main
Active IPv6-Route Network lan (eth0)	25 Target fist128ff.abf7.764 ft00.78		Metric 1024 256	Table main local

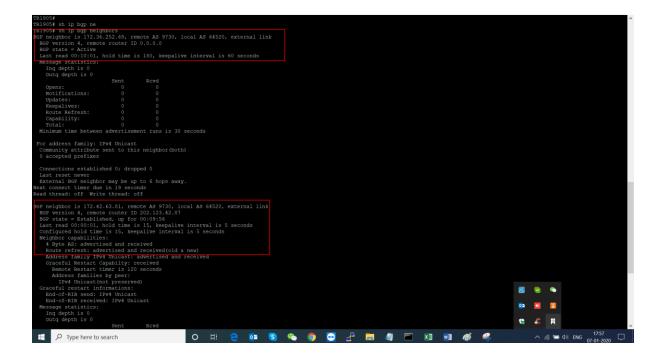
#### Case 2:

Down Primary wired-wan link, switch cell and BGP with source loopback via cell interface get up and BGP session with wired-wan go down :-

Network		
Firewall	Hostname	TR1905
Routes	SN	660420156A009BF4
System Log	Firmware Version	3.2.191
Kernel Log	Kernel Version	3.18.29
Reboot Log	Local Time	Tue Jan 7 17:51:21 2020
Realtime Graphs VPN	Uptime	2h 57m 15s
System	Load Average	0.97, 0.60, 0.56
Services	Port Status	
Network		LAN1 LAN2 LAN3 LAN4 WAN
Logout		
	Mobile 1	
	Cellular Status	Up(Working mobile)
	IP Address	10.55.11 68/255.255.255.248
	DNS 1	10.0.8.89
	DNS 2	10.0.8.92
	Cell Modem	SLM730_SLM750 (05C6_F601)
	IMEI/ESN	863879041672950
	Sim Status	SIM Ready
	Strength	¶_attl 28 / 31, dBm : -58
	Selected Network	Automatic
	Registered Network	Registered on Home network: "IND Airtel", 7,
	Sub Network Type	FDD LTE

## BGP with cell is up

TRISOLY Wim TRISOLS TRISOLS TRISOLS to be a summer TRISOLS to be a summer TRISOLS to be a summer BGF router dentifier 192.160.1.1, local AS numb ATB entries 82, using 6624 bytes of memory Peers 2, using 5056 bytes of memory	r 64520	
Neighbor V AS MsgRcvd MsgSent TblVer 172.36.252.69 4 9730 0 0 0	InQ OutQ Up/Down State/PfxRcd 0 0 never Active	😆 😒 👟
172.42.63.81 4 9730 143 108 0		os 🖸 📧
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ystem				
	Selected Network	ected Network Automatic		
ervices	Registered Network	Registered on Home network: "IND Airtel", 7,		
ogout	Sub Network Type	FDD LTE		
Jour	Location Area Code	7F1		
	Cell ID	3EB02		
	Band	1,400		
	ICCID	8991000900336877298F		
	RSRP	-78 dBm		
	RSRQ	-6 dB		
	SINR	30.0 dB		
	MSISDN/IMSI	/ 404100504699603		
	Connection Status			
	Port	eth1		
	Port IPv4 Addr	eth1 10.55.11.68/29		
	IPv4 Addr	10.55.11.68/29		
	IPv4 Addr DNS 1	10.55.11.68/29 10.0.8.89		
	IPv4 Addr DNS 1 DNS 2	10.55.11.68/29 10.0.8.89 10.0.8.92		
	IPv4 Addr DNS 1 DNS 2 Gateway	10.55.11.68/29 10.0.8.89 10.0.8.92 10.55.11.69		

## BGP established with SIM via source loopback ,when primary (wired-wan ) link go down

TRINUS# TRINOS# TRINOS# TRINOS# thip bgp summary BGP router identifier 192.168.1.1, local AS number 64520 REB entries 92. using 6624 bytes of memory Peers 2, using 5056 bytes of memory		
Neighbor V Aß MögRövd MögSent ThlVer Ing OutQ Up/Down State/PfARed 172,48,452,69 4 9730 0 0 0 0 nevet Active 172,42,63,81 4 9730 337 272 0 0 00022213 46		
Total number of neighbors 2 TR1905# TR1905# TR1905# an ip bgp summary BGF router identifier 192.168.1.1, local AS number 64520 REB entries 22, using 6024 bytes of memory Peers 2, using 5056 bytes of memory		
Neighbor V AS MsgRcvd MsgSent TblVer InQ OutQ Up/Down State/PfxRcd 172.36.252.69 4 9730 0 0 0 0 0 never Active		
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#### **BGP Route with sim**

