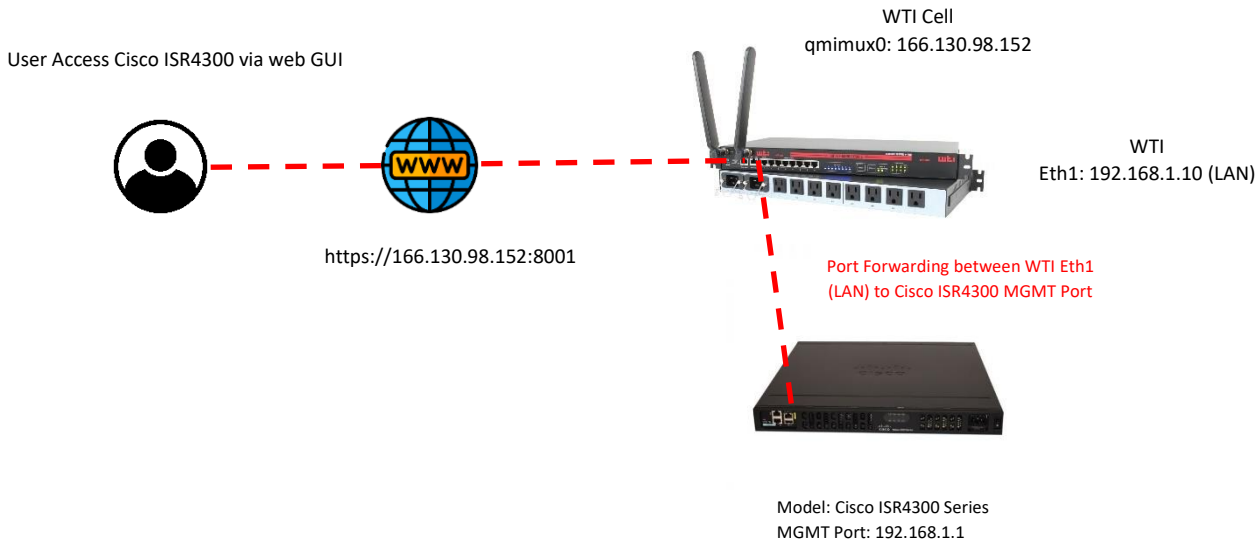


## Cell - Port Forwarding to Cisco ISR 4300 Series Management Port



### From WTI Device

Cell (qmimux0): 166.130.98.152  
Eth1: 192.168.1.10 (LAN)

### From Cisco ISR 4300 Series

MGMT Port: 192.168.1.1  
Static Route Default GW: 192.168.1.10

### Configure IPTABLES from WTI device

From CLI enter /n option 5 and add the following IPTABLES as below.

# Allow traffic from the LAN side

1. **iptables -A INPUT -i eth1 -j ACCEPT**

# Allow established connections

2. **iptables -A INPUT -m state --state ESTABLISHED,RELATED -j ACCEPT**

# Masquerade.

3. **iptables -t nat -A POSTROUTING -o eth1 -j MASQUERADE**

# forwarding

4. **iptables -A FORWARD -i eth1 -o qmimux0 -m state --state RELATED,ESTABLISHED -j ACCEPT**

# Allow outgoing connections from the LAN side.

5. **iptables -A FORWARD -i qmimux0 -o eth1 -j ACCEPT**

6. **iptables -t nat -A PREROUTING -p tcp -i qmimux0 --dport 8001 -j DNAT --to-destination 192.168.1.1:443**

7. **iptables -A FORWARD -p tcp -d 192.168.1.1 --dport 443 -m state --state NEW,ESTABLISHED,RELATED -j ACCEPT**

## From Cisco ISR 4300 Series Router Web GUI

Add Static Rout to MGMT interface

From Cisco web GUI go to Configuration >> Static Routing >> Click Add and add the following to match the Gateway Address of WTI Eth1 (LAN).

### Edit Static Route ✕

IP Type	IPv4
Prefix*	<input type="text" value="0.0.0.0"/>
Prefix Mask*	<input type="text" value="0.0.0.0"/>
Metric	<input type="text" value="1-255"/>
VRF	<input checked="" type="checkbox"/>
VRF Name	<input type="text" value="Mgmt-intf"/>
Route Path	<input checked="" type="radio"/> Interface <input type="radio"/> Next Hop IP <input type="radio"/> DHCP
Interface	GigabitEthernet0
Next Hop IP	<input type="text" value="192.168.1.10"/>

## From Cisco ISR4300 CLI

Assigned IP Address on Management interface

```
interface GigabitEthernet0
  description management port
  vrf forwarding Mgmt-intf
  ip address 192.168.1.10 255.255.255.0
```

## Add static Route

```
ip route vrf Mgmt-intf 0.0.0.0 0.0.0.0 GigabitEthernet0 192.168.1.10
```

Now go to web browser as <https://166.130.98.152:8001> and enter username/password of Cisco ISR4300.

