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Getting Started with bgpPeeringMap

[bgpPeeringMap](#) is able to discover [bgpPeeringTopology](#) through an SNMP requests towards SNMP enabled BGP routers.Â

Prerequisites:

[bgpPeeringMap](#) needs JREÂ "1.6.0_25" or later.

In order to work properly you have to have IP& SNMP connectivity to a device with BGP routing table containg certain number of preferably Internet BGP routes. However with [bgpPeeringMap](#) you can discover the peering topology of any kind of BGP connectivity (Internet, GRX or something else)

How to create an Internet BGP peering map?

Edit [bgpPeeringMap/bin/bgpPeeringMap/conf/bgpPeeringMap.properties](#) and add there your snmp communities and the IP address of the BGP enabled device .

With other words change X.X.X.X and test-r, test-rw with your values.

```
query.parameters=system,bgpLocalAs,bgpPeerEntry,bgp4PathAttrEntry
xsltFileName1=bgpPeeringMap/conf/xslt/bgp_as_path.xslt
xsltFileName2=bgpPeeringMap/conf/xslt/inet-map.xslt
output.dir=network
output.dir.graphml=undirected
mibDir=snmp2xml/mibs
address=X.X.X.X
port=161
version=1
community-ro=test-r
community-rw=test-rw
timeout=500
retries=1
max-repetitions=65535
as-numbers=./xml/autnums.xml
```

Then run

!On Windows
cd bin

bgpPeeringMap.bat

! On Linux/Unix

```
cd bin
```

```
chmod 775 *.sh
```

```
bgpPeeringMap.sh
```

How to reveal topology map of the BGP peering?

On windows try the following to reveal undirected network graph view

```
bgpTopologyManager.bat
```

On linux/Unix/macOS try the following to reveal undirected network graph view:

```
./bgpTopologyManager.sh
```

For any further information about [bgpPeeringMap](#) please do not hesitate to contact us on info@ittransformers.net

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Tags:

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