**Traffic Generator Script using iPerf - Pumps IP traffic from source to destination with ability to notify packet drops using Slack Bot**

Script will be executed in two servers or virtual machines to achieve bi-directional traffic. Each VM/server will behave as both iPerf Client and iPerf Server. If any packet drop is noticed, it will send a notification in Slack channel.

* Lost Packets
* Total Packets
* Lost Packet Percent

**Download the Code**

To get started: Download the code from Git Repo.

**Access to Slack Notification Channel**

Create a Slack channel and add its webhook in notislack script.

**Script Execution**

Make sure to install iPerf3 tools in both server/virtual machines. Now that you have everything installed and updated, you can specify the amount of throughput you want to push. For that please do below,

vi iperfcheck

Change the value as per your need, rate=10M # per session

Execute the script as

root@test\_vm#./iperfcheck "Server-1 to Server-2" 192.168.0.1 | tee -a results.csv

**For Bi-directional traffic**

Bi-directional traffic can be achieved by running this from the second server/VM pointing at the IP of first server/VM.