

AI-04041 GCP Network Troubleshooting

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Tags	Project
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GCP Network Connection Troubleshooting

```
# =====  
=====  
# OPTION 1: RUN IPERF3 OVER AN ALREADY OPEN PORT (PORT 443)  
# =====  
=====  
  
# On the REMOTE GCP Server (Stop any existing web server on 4  
43 first):  
sudo iperf3 -s -p 443  
  
# On your LOCAL Ubuntu VM:  
iperf3 -c 35.252.76.214 -p 443  
  
# =====  
=====  
# OPTION 2: BYPASS FIREWALLS ENTIRELY VIA SSH TUNNEL (PORT 2  
2)  
# =====  
=====  
  
# On the REMOTE GCP Server:  
iperf3 -s -p 5201
```

On your LOCAL Ubuntu VM (Run this in a separate terminal to establish the tunnel):

```
ssh -N -L 5201:localhost:5201 rarcayan@35.252.76.214
```

On your LOCAL Ubuntu VM (Run this in your main terminal to execute the test):

```
iperf3 -c 127.0.0.1 -p 5201
```