

In order to select the best region for your instance, you first need to select 3-4 closest AWS regions to your geographical location. Then you need to check which one of these AWS regions is the closest you. For this, we'll be using the ping command to check which is giving the lowest ping. The lower the ping, the closer is the region. I am living in Mumbai so for me, the closest AWS region would naturally be Asia Pacific (Mumbai) Region. However just to be sure I picked up the next 2 closest AWS regions too, Asia Pacific (Seoul) Region and the Asia Pacific (Singapore) Region. For both, Asia Pacific (Seoul) Region (Fig1) and the Asia Pacific (Singapore) Region (Fig2), I got a request timed out, whereas, for Asia Pacific (Mumbai) Region (Fig3), I got an average ping of 4ms which is perfect for me and hence I selected Asia Pacific (Mumbai) Region, as my region for this instance.

```
C:\Users\vapat>ping rds.ap-northeast-1.amazonaws.com

Pinging rds.ap-northeast-1.amazonaws.com [54.239.96.140] with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 54.239.96.140:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

Fig1. Ping results for Asia Pacific (Singapore) Region

```
C:\Users\vapat>ping rds.ap-northeast-2.amazonaws.com

Pinging rds.ap-northeast-2.amazonaws.com [52.95.193.138] with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 52.95.193.138:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

Fig2. Ping results for Asia Pacific (Seoul) Region

```
C:\Users\vapat>ping rds.ap-south-1.amazonaws.com

Pinging rds.ap-south-1.amazonaws.com [52.95.80.58] with 32 bytes of data:
Reply from 52.95.80.58: bytes=32 time=4ms TTL=242
Reply from 52.95.80.58: bytes=32 time=5ms TTL=242
Reply from 52.95.80.58: bytes=32 time=4ms TTL=242
Reply from 52.95.80.58: bytes=32 time=4ms TTL=242

Ping statistics for 52.95.80.58:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 4ms, Maximum = 5ms, Average = 4ms
```

Fig3. Ping results for Asia Pacific (Mumbai) Region