

Open Source VPN solution for any OS/Task

As IT professionals, there are times where we need to setup reliable VPN connections without any hassle.

Recently I came across an issue where we had to carry out a cloud to cloud data center migration. The limitation was we had no option to use configure VPN connection between the cloud service providers. Almost all the network ports were closed except port 80 & 443. So to overcome the issue, we used an open source client/server based solution called "[SoftEther VPN](#)". This VPN solution provides more security and also works fine with Windows, Linux, Mac OS X, FreeBSD and Solaris. This system will have both client/server interfaces.

SoftEther VPN Windows Server and Client Setup (How To)

Fixing network related issues of AWS hosted Windows servers

There are some cases when working with AWS hosted Windows systems, all of a sudden the network related issues start to trigger

These issues may relate to;

- Lack of network connectivity.
- Low throughput
- No connectivity with the Windows based VPN solutions.

to fix all the above issues, you just needa to update the **Para-Virtualization Drivers** on Your Windows Instances.

Para-Virtualization – what is PV

Amazon Windows AMIs contain a set of drivers to permit access to virtualized hardware. These drivers are used by Amazon EC2 to map instance store and Amazon EBS volumes to their devices. We recommend that you install the latest drivers to improve stability and performance of your EC2 Windows instances.

Resolution:

Simply, please install / update the PV drivers for Windows https://docs.aws.amazon.com/AWSEC2/latest/WindowsGuide/Upgrading_PV_drivers.html