

Requirements for Hyper-V Based Labs

System Requirements

To fully participate in our Hyper-V based online labs, you will need:

- 1 GHz 32-bit (x86) or 64-bit (x64) processor with at least 1 GB of system memory
- Microsoft Windows Vista **SP2** or higher
- Microsoft Internet Explorer 7.0 or higher (IE 9 recommended)
- Monitor with a minimum screen resolution 1280 x 960 and at least with 16-bit color depth (1280 x 1024 or higher 32 bit color depth recommended)
- High speed Internet connection (200 Kb/s per user with 1 Mb burst capacity)

ActiveX Control Requirements

In addition to the above, Lab on Demand *Hyper-V* based Labs also require the installation of a Microsoft signed Active-X control to work properly:

- The Microsoft Virtual Manager Self Service Client ActiveX control must be installed
 - The first time the user connects to a lab, they are prompted to install the control
 - Power User or Administrator rights and 1MB disk space are required to install the control
 - This is a machine level control. Once it is installed, any normal user can use the control
- The VMRDP protocol must be able to traverse Port 2179 for both TCP and UDP traffic on any firewall in between the learner and our lab server farm

Port	Protocol	FQDN	IP Address
2179	VMRDP	lodhv01.ttsc.net	65.38.27.151
2179	VMRDP	lodhv02.ttsc.net	65.38.27.152
2179	VMRDP	lodhv03.ttsc.net	65.38.27.153
...	...	Through...	...
2179	VMRDP	Lodhv30.ttsc.net	65.38.27.180