

## vSphere Hosted Lab

<https://lms.learnondemand.net/Lab/VSphereSupport>

### 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 8.0 or higher
- Monitor with a minimum screen resolution 1280 x 960 and at least with 16-bit color depth (1280X1024 or higher 32 bit color depth recommended)
- High speed Internet connection (200 Kb/s per user with 1 Mb burst capacity)  
<http://speedtest.terillian.com/>

### Software Requirements

In addition to the above, have a supported browser. (IE 8+, Chrome 16+, Firefox 11+, Safari 6+)

- Be connected to a network that allows the following outbound protocols and ports:
- Web sockets over HTTPS port 443 (HTML5 control)
- VMware custom protocol over port 902 (VMware Remote Console Plug-in)
- Have administrative rights on the local machine if installing the the VMware Remote Console Plug-In

### Firewall Exception Rule Information

For those that need to create a firewall exception rule to allow connectivity to the Lab on Demand servers (this isn't common), the following information can be used to create a limited destination rule to only allow the above protocols and ports from your network to the Lab on Demand cloud.

- Domain Names: \*.labondemand.com, \*.learnondemandsystems.com  
IP Range: 67.214.104.129/25

The Lab on Demand system is a cloud platform that automatically provisions and connects the learner with private sandboxed resources. There is no way to predict which IP address in the cloud the learner will connect to for the provisioning of their virtual machines. This is why we provide a range of IP addresses and only a second level domain name.