

VMware® Learning Platform™

SECURITY GUIDELINES

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About This Document

This guide provides security guidelines for the VMware® Learning Platform™ self-education lab and course management tool.

Audience

The primary audience for this guide is VMware® Learning Platform™ tenant administrators and any technical staff whose responsibilities include security.

External Interfaces, Ports and Services

- Tenants must have their vCloud Director port open (requires only TCP port 443 to the vCloud Director web/API interface and console interface).
- Tenants can request that the vCloud Director port be restricted to specific IP addresses. VMware Director Platform technical staff can provide the IP addresses upon such a request. However, if the VMware Learning Platform IP address changes, then the tenant would no longer be able to reach the cloud and the customer's VMware Learning Platform instance will not work.
- Console interface on vCloud Director must be open to all IP addresses since the console connection is from the end-user taking the lab to the console port. End users could be on any number of IP addresses depending upon where they are connecting.

Resources

- Recommendation: Tenants should configure a separate user for VMware Learning Platform on its cloud and use those credentials when configuring its cloud in VMware Learning Platform.
- Recommendation: Tenants should not use a particular user's account because if a tenant administrator disables/deletes a user account in the cloud, then the connection to cloud from VMware Learning Platform will not work.

Security Updates/Patches

- VMware Learning Platform runs a continuous deployment environment by means of rolling, non-impactful upgrades conducted during business hours on Eastern Standard Time (generally on Tuesdays). Every tenant gets all new features and updates to the system during every production push.