



Virtualization with VMware

Background

In an agreement designed to save Ohio colleges and universities more than \$130 million over three years, Chancellor Fingerhut directed the development of a shared-services licensing agreement with industry-leader VMware. Through the shared program, the Ohio Academic Resources Network (OARnet) – the system’s technology infrastructure arm – has the unlimited ability to license VMware’s full suite of state-of-the-art virtualization software and technological support services.

Contact:

For more information on VMware related services please contact:

K-12 Inquiries

vmware-k12@oar.net

Higher Education

vmware-higher-education@oar.net

Government Agencies

vmware-stateofohio@oar.net

Virtualization Saves Money and Our Planet

Virtualization is a proven software technology that is rapidly transforming the information technology (IT) landscape and fundamentally changing the way that organizations compute. By “virtualizing” IT servers and desktops, Ohio higher education will rapidly realize:

- Significant cost reductions in physical IT hardware (servers, desktops) budgets
- Significant reduction in operational and maintenance costs while upgrading to superior maintenance levels
- Positive environmental “Green IT” impact, due to lower use of energy and space potentially resulting in green energy credits for member schools

University System of Ohio Virtualization Program

The following specifications for the University System of Ohio Virtualization Program, have been extended to higher education, K-12 and state government institutions:

- The significant bulk software/service purchase provides a considerable discount over retail list price
- A full suite of VMware software products are offered, including:
 - ESX and Virtual Center Management System (VCMS) licenses
 - Virtual desktops infrastructure (VDI) licenses
 - Lifecycle Manager and Site Recovery Manager
- Customized Professional Services Package to aid colleges and universities with deployment:
 - Available Technical Account Managers
 - VMware Architect to aid institutions in the planning/implementation of the product suite
- Custom Training Programs available
- Upon renewal an upgrade of all software maintenance to Platinum Level (24x7) for higher education clients
- All new VMware products purchased to be paired with VMware Platinum Level support

About OARnet

The Ohio Board of Regents created OARnet in 1987 to provide researchers with network access to the resources of the Ohio Supercomputer Center. Today, OARnet manages much of Ohio’s technology infrastructure, the most advanced statewide research network in the nation.

USO Virtualization Project Quick Reference Guide

Product	Product Description	Licensing
VDI View (known as VDI View 3.0)	VDI and ESXi	Purchase in increments of 10
VDI Premier (known as VDI View Premier Add-On)	VDI, ThinApp, and View Composer	Purchase in increments of 10 and includes a ThinApp and View Composer
vSphere 4.0	VMware vSphere is the next evolutionary step in IT computing; enabling customers to bring the power of cloud computing to their IT infrastructures. Building on the power of VMware® Infrastructure, VMware vSphere dramatically reduces capital and operating costs, and increases control over IT infrastructures while preserving the flexibility to choose any OS, application, and hardware. New key features in vSphere include improved support for the latest hardware technologies, improved performance, new management services like vShield zones, and Data Recovery backup, as well as improved scalability of Virtual Machines. Additionally, with the addition of Enterprise Plus, organizations can leverage new features like distributed switches and host profiles. Organizations of all sizes can achieve the full benefits of cloud computing, delivering the highest levels of application service agreements with the lowest total cost per application workload.	1 license per Processor
Lifecycle Manager	Allow the management of virtual servers for the entire lifecycle of the virtual environment deployment.	Per processor
Site Recovery Manager	Accelerate recovery and ensure successful recovery by automating the recovery process and eliminating the complexity of managing and testing recovery plans. VMware vCenter Site Recovery Manager eliminates complex manual recovery steps and removes the risk and worry from disaster recovery.	Per processor
Mgmt. & Auto. Bundle	This is a bundle which includes Site Recovery Manager, Lifecycle Manager, AND a third product which includes the choice of Lab Manager or Stage Manager.	License per 2 processors (Only we can sell this product)
Lab Manager	Create and manage a library of commonly used configurations and dynamically provision them in seconds with a simple mouse click. VMware vCenter Lab Manager gives users on-demand access to system configurations they need while achieving significant savings through reduced server, storage, and provisioning costs.	Per processor
Stage Manager	Stage Manager organizes systems in the enterprise software lifecycle into services. These services represent the deliverables of IT separated into stages that span development and testing through production. Stage Manager increases IT service availability, accelerates response to configuration changes, promotes compliance with regulatory or workflow processes, and promotes efficient use of storage.	Per processor
VirtualCenter (Known as vCenter)	Rapidly provision virtual machines and monitor performance of physical server and virtual machines. VMware vCenter Server, formerly VMware VirtualCenter, centrally manages VMware Infrastructure environment simplifying day to day IT operations management and making your virtual environment easy to control and administer.	1 license per site or purchase 1 per Production site and 1 per Disaster Recovery Site
ThinApp Suite	Run any version of virtually any application on a single operating system without conflicts. You can even run multiple versions of the same application. Plug VMware ThinApp, formerly known as Thinstall, into your existing management infrastructure and accelerate your software development and desktop deployment. Deliver and deploy applications more efficiently, more securely, and more cost-effectively with agentless application virtualization.	1 packager/installer and 50 clients
ThinApp Client		Per device
Fusion:	Run your favorite Windows applications and devices, on any Intel-based Mac. Built from the ground up for the Mac, VMware Fusion is the easiest way to switch to Mac—letting you bring all of your Windows applications with you, making the most of your Windows software investment, while providing the perfect safety blanket for the switch.	Per device
Fusion Support Pack	Support for Fusion must be purchased separately.	Buy support for it is not include in Platinum Support Agreement
Professional Services	Training and Consulting for institutions.	A flat rate of \$84 per credit. Credits can be used to purchase training and also consulting from VMware or VMware Authorized Partners.