



## VMware vSphere4: Install, Configure, Manage

**فلاصه:**

This course explores installation, configuration, and management of VMware® vSphere™, which consists of VMware ESXi/ESX™ and VMware vCenter™ Server.

**مدت دوره: ۳۲ ساعت**

**پیش نیاز:** آشنایی با سیستم عاملهای ویندوز ، لینوکس و سیستمهای ذخیره سازی اطلاعات

**سرفصل دوره:**

- Introduction to VMware Virtualization
- Discussion of virtualization and vSphere components
- Configuration of ESXi and ESX
- Install and configure vCenter Server, and use the VMware vSphere Client to manage vCenter Server inventory hierarchies
- Configuration of vNetwork standard and distributed switches, network connections, and port groups
- Storage management technologies
- Deploy virtual machines using templates, VMware vCenter Converter, Guided Consolidation
- Modifying, managing, and migrating virtual machines
- Controlling user access through roles and permissions
- Workload assessment, monitoring using vCenter Server
- VMware VMotion™ migrations
- Setup of resource pools and VMware Distributed Resource Scheduler cluster
- Setup of a VMware High Availability cluster
- Backup and recovery of virtual machines using VMware Data Recovery
- Patching using vCenter Update Manager
- Installation of ESX