

In our **VMware® vSphere™ 5 Accelerated Boot Camp** we present Cloud Computing (A.K.A. "virtualization") in a logical, easy-to-absorb format. Each participant builds and manages **their own** complete VMware® vSphere™ 5 environment including ESXi 5, vCenter 5, SAN Storage, Virtual Machines, Virtual Appliances, Backup and more.

What makes our approach so unique is that every participant builds an **actual datacenter environment on real servers**, from beginning to end. Most importantly, we use the same procedures, in the same order as they would be implemented **in your own datacenter!** That means that our Step-by-Step Labs (SBS LABS)™ are sure to become lasting reference materials and a clear, real-world roadmap for the design, implementation and management of VMware® vSphere™ 5 including:

- What's New in VMware® vSphere™ 5
- Planning and Design for VMware® vSphere™ 5
- Implementation with ESXi 5 and vCenter 5
- VMware® vSphere™ 5 Management
- Virtualize Business-Critical workloads with VMware® vSphere™ 5
- Cloud Control - "Own your cloud and manage it too!"
- Backup and Remediation VMware® vSphere™ - 5
- VMware® vSphere™ 5 Integrations, Tools and 3rd. Party

Our **VMware® vSphere™ 5 Accelerated Boot Camp** is the most comprehensive class we offer. In 50-hours of classroom instruction, each participant will gain a comprehensive understanding of **Public, Private, and Hybrid Cloud Computing** with VMware® vSphere™ 5. This course covers all the bases plus advanced management and emphasizes **real world** and Best Practice techniques and integrations for maintaining a production VMware® vSphere™ environment. This class is fully compatible with both vSphere 4 and vSphere 5!

All Labs will be done using our state-of-the-art VMware Hardware Compatibility List servers. Participants will learn not only vSphere management, but also **real-world integrations** and datacenter management scenarios which go far beyond the scope of other training programs.

The **VMware® vSphere™ 5 Accelerated Boot Camp** features over 60 interactive Step-By-Step Labs (SBS LAB™), complete with detailed instructions, full-color documentation and screenshots of all steps. The book alone is sure to become one of the most valued reference materials in your library.

#### **Goals:**

Participants will complete the **VMware® vSphere™ 5 Accelerated Boot Camp** with a comprehensive real world skill-set pertaining directly to Cloud Computing with VMware® vSphere™ 5. Each participant will have installed, managed, hardened and backed-up a VMware® vSphere™ 5 environment following

industry-standard Best Practice techniques and using procedures which will translate directly to their professional environment.

**Course Objectives:**

- Install and configure ESXi, vCenter Server, vStorage API and VMware Data Protection
- Manage ESXi hypervisor security, firewall, SSH access and Active Directory
- Create and manage Virtual Machines and Appliances
- Connect to SAN Storage, manage storage paths, create VMFS Volumes
- Manage virtual networking including multiple NIC's, Load Balancing and Fail-over
- Configure Jumbo Frames the right way for iSCSI
- Use vNetwork Distributed Switches
- Configure Roles, Privileges and Permissions
- Use Host Profiles
- Monitor Tasks, Events and Alarms
- Perform migrations (P2V, V2V, V2P) both "hot" and "cold"
- Configure ESX Server Clusters
- Implement vMotion and Distributed Resource Scheduling
- Implement High Availability
- Implement and use Distributed Power Management
- Manage resources with Resource Pools
- Install and use the VMware vCenter Update Manager (VUM) to patch ESXi 5 hosts and Virtual Machines
- Backup VM's using VMware the vStorage API
- Utilize and integrate 3rd Party Tools into the datacenter environment
- Command line management of ESXi Servers using the Technical Support Mode and Remote Command Line interfaces
- Install and use the vSphere Management Assistant (vMA)
- Monitor performance using advanced tools and commands

## Prerequisites:

The **VMware® vSphere™ 5 Accelerated Boot Camp** is intended for IT professionals experienced with Windows Server and TCP/IP Networking as well as some Windows or Linux Command Line use.

## Certifications

Participants may choose to take the [Certified Virtualized Datacenter eXpert \(CVDX™\)](#) exam at no additional charge. The [Certified Virtualized Datacenter eXpert \(CVDX™\)](#) certification is a **100% hands-on practical exam**.

- The CVDX™ is the **only** practical certification and real-world proof of skills available for VMware vSphere
- Certifies real skills, not memorization!
- Candidates complete goals, it doesn't matter how, only the results matter
- Real IaaS Cloud Technology used for Certification
- Certification, proof of certification, and post-certification resources provided

Qualifying candidates will receive their (CVDX™) certificate and access to other [resources](#) within 2 weeks of qualification