As more organizations improve scalability, flexibility, and performance with cloud solutions, the need for IT professionals equipped to support those solutions is soaring. Master the core skills necessary for running IT systems on the cloud, including implications for security, scale, bandwidth, reliability, and performance. Conquer the challenges of migrating to the cloud.

Areas of focus
• Deploying IT to the cloud
• Monitoring, managing and securing the cloud platforms
• Moving a workload to the cloud

Curriculum

VIDEOS FROM COURSE
Cisco CCNA Cloud 210-451 CLDFND 3 hours

- Cloud Fundamentals Course Introduction 4 min
- Common Cloud Characteristics 17 min
- Cloud Service Models 11 min
- Cloud Deployment Models 7 min
- The Cisco Intercloud Solution 9 min
- The UCS C-Series 9 min
- The UCS B-Series 7 min
- The UCS Manager and UCS Central 8 min
- UCS Server Identity 9 min
- Server Virtualization 12 min
- The Cisco Nexus Family 15 min
- Unified Fabric 6 min
- Virtual Networking 10 min
- Cisco 1000V 7 min
- Virtual Networking Service Appliances 7 min
- SDN Fundamentals 10 min
- Cisco ACI 12 min
- Comparing Storage 5 min
- NAS Storage Concepts 7 min
- SAN Storage Concepts 6 min
- Cisco Storage Devices 6 min
- Converged Architectures 12 min
- Cloud Automation, Provisioning, and Management 3 min
### Microsoft Azure 70-532
- **Introduction to Azure Websites** 21 min
- **Azure Websites: Deployment Slots** 17 min
- **Azure Websites: Hosting Plans** 13 min
- **Azure Websites: Site Settings** 17 min
- **Azure Websites: Custom Domains and SSL** 15 min
- **Azure Websites: Diagnostics and Debugging** 21 min
- **Azure Websites: Monitoring and Alerts** 14 min
- **Azure Websites: Scaling** 12 min
- **Azure Websites: Traffic Manager** 17 min
- **Azure Websites: Resilience Patterns** 11 min
- **Introduction to Azure Virtual Machines** 10 min
- **Azure Virtual Machines: Creating New VMs** 10 min
- **Azure Virtual Machines: VHDs, Disks, and Images** 16 min
- **Azure Virtual Machines: Custom Extensions** 11 min
- **Azure Virtual Machines: Networks and Cloud Services** 12 min
- **Azure Virtual Machines: Endpoints, ACLs, and Load Balancing** 19 min
- **Azure Virtual Machines: Scaling and Availability** 13 min
- **Azure Virtual Machines: Storage Planning** 19 min
- **Azure Virtual Machines: Diagnostic Measurements** 10 min
- **Introduction to Azure Cloud Services** 14 min
- **Azure Cloud Services: Building Cloud Services** 14 min
- **Azure Cloud Services: Scaling Cloud Services** 13 min
- **Azure Cloud Services: Endpoints** 15 min
- **Azure Cloud Services: Network Traffic and ACLs** 9 min
- **Azure Cloud Services: Networking** 17 min
- **Azure Cloud Services: Managing Websites** 12 min
- **Azure Cloud Services: Local Storage** 11 min
- **Azure Cloud Services: Diagnostics and Debugging** 12 min
- **Introduction to Azure Storage** 10 min
- **Azure Storage: Storage Accounts** 9 min
- **Azure Storage: Containers and Blobs** 12 min
- **Azure Storage: Advanced Blob Features** 11 min
- **Azure Storage: Tables** 13 min
- **Azure Storage: Queues** 11 min
- **Azure Storage: Access Control** 16 min
- **Azure Storage: Monitoring** 10 min

### Microsoft Azure 70-532 (cont.)
- **Azure Storage: SQL Databases** 9 min
- **Azure Integration: Azure Active Directory** 19 min
- **Azure Integration: Virtual Networks** 8 min
- **Azure Integration: Service Bus** 16 min

### AWS: Certified SysOps Administrator - Associate Level
- **Welcome: Course Overview** 16 min
- **VPC: Building Your Network Foundation** 26 min
- **VPC: The “Nitty Gritty” Configuration** 34 min
- **VPC: Security Groups and NACLs** 21 min
- **VPC: Configuring VPN Connections** 37 min
- **VPC: Designing for High Availability** 27 min
- **EC2: Instance Types and Performance Implications** 17 min
- **EBS: Understanding EBS** 11 min
- **EBS: Snapshot Backup and Replication** 11 min
- **EBS: Getting More Speed and IOPS** 11 min
- **S3: Understanding the Properties of S3** 11 min
- **S3: Securing S3 Buckets** 9 min
- **S3: Website Hosting from S3** 8 min
- **ELB: Elastic Load Balancer Concepts** 10 min
- **ELB: Elastic Load Balancer Implementation** 10 min
- **AutoScaling: Key AWS AutoScaling Concepts** 10 min
- **DNS: Understanding Route 53 Capabilities** 32 min
- **DNS: Route 53 Configuration** 38 min
- **IAM: Understanding IAM Concepts** 24 min
- **IAM: A Walkthrough IAM** 21 min
- **Monitoring: Understanding and Configuring CloudWatch** 12 min
- **Backups: Understanding EBS, S3, and RDS Backup Options** 14 min
- **RDS: Understanding RDS Foundations** 12 min
- **RDS: High Availability and Load Sharing** 7 min
- **SECURE: Handling IT Audits, Security Token Service, and Trusted Advisor** 15 min
- **EXAM: Study Strategies and Exam Mindset** 8 min
- **EXAM: The Living Glossary** 18 min