

RED HAT SYSTEM ADMINISTRATION II (RH 134)

- Network configuration and troubleshooting
- Installing and managing services and processes
- Managing file systems and logical volumes
- Essential command line operations
- Controlling user and file access
- Troubleshooting

RED HAT SYSTEM ADMINISTRATION III (RH 254)

- Enhancing user security
- Software management
- Disk management with ISCSI
- Web service management
- System and network activity monitoring
- File sharing across platforms
- Network management and packet filtering
- Basic SMTP management

MS SERVER VIRTUALIZATION WITH MS WINDOWS SERVER HYPER-V® AND SYSTEM CENTER (20409)

- Evaluating the Environment for Virtualization
- Installing and Configuring the Hyper-V Role
- Creating and Managing Virtual Hard Disks, Virtual Machines and Checkpoints
- Creating and Configuring Virtual Machine Networks
- Virtual Machine Movement and Hyper-V Replica
- Implementing Failover Clustering with Hyper-V
- Installing and Configuring System Center 2012 R2 Virtual Machine Manager
- Managing the Networking and Storage Infrastructure in System Center 2012 R2 Virtual Machine Manager
- Configuring and Managing the System Center 2012 R2 Virtual Machine Manager Library and Library Objects
- Managing Clouds in System Center 2012 R2 Virtual Machine Manager
- Managing Services in System Center 2012 R2 Virtual Machine Manager and App Controller
- Protecting and Monitoring Virtualization Infrastructure

INFORMATION SECURITY

- Introduction to Information Security
- Understanding Web Security
- Type of Attacks and Threats
- Understanding Internet Security
- Understanding LAN Security
- Understanding Firewall
- Understanding Program Security
- Understanding Cyber Security
- Understanding Attacks
- Implementing Cyber Law
- Understanding Database Security

ITILv3 FOUNDATION

- Introduction to ITIL
- Identify the principle and concepts of IT Service Management based on ITIL 2011 Edition
- Define the terminology used in ITIL 2011 Edition
- Identify the concepts and definitions used in Service Life Cycle
- Define Service Strategy concepts

- Define Service Design concepts
- Define Service Transition concepts
- Define Service Operation concepts
- Define Continual Service Improvement concepts

PERSONALITY DEVELOPMENT & SOFTSKILLS

- Creating an Effective Resume
- Grammar Practice
- Interview Preparation
- Bridging the gap to make a good impression
- Effecting handling the Interview
- Personal grooming and dress code at work
- Confidence & Presentation Skills
- Grammar Practice
- Do's & Don't at work.

BOOT CAMP

PROJECT



About Us

We are the Information Technology training division of CMS IT Services, an IT company founded in 1976. Valued at \$150 million, CMS caters to over a 1,000 large and medium global enterprises in the IT infrastructure management space across the globe. We are ranked among the best hardware, networking, security and storage training institutes in the country. We have:

- Over 50+ training centres
- Over 500 employees and 200 certified trainers
- Over a million students trained
- More than 100 corporate clients
- ISO certified-design and development centre

We offer IT training programs for students and corporate segments, with a focus on Network Administration, Information Security, Storage Management, Cloud, Virtualization, Database Administration technologies, Software Technologies like Core Java, Visual Studio, MS SQL, Hibernate and Android.

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WORKFORCE DEVELOPMENT
PROGRAM



CERTIFIED
IT & CLOUD ARCHITECT - 2017

Certified IT & Cloud Architect - 2017

✓ Desktop Engineering	40 Hrs
✓ CCNA Routing & Switching (200-125)	72 Hrs
✓ Installing and Configuring Windows 10 (70-698)	24 Hrs
✓ Installation, Storage, and Compute with Windows Server 2016 (70-740)	32 Hrs
✓ Networking with Windows Server 2016 (70-741)	32 Hrs
✓ Identity with Windows Server 2016 (70-742)	32 Hrs
✓ Red Hat System Administration I (RH 124)	40 Hrs
✓ Red Hat System Administration II (RH 134)	32 Hrs
✓ Red Hat System Administration III (RH 254)	32 Hrs
✓ MS Server Virtualization with MS Windows Server Hyper-V® and System Center (20409)	48 Hrs
✓ Information Security	20 Hrs
✓ ITILv3 Foundation	16 Hrs
✓ Boot Camp	24 Hrs
✓ Personality Development & Softskills	12 Hrs
✓ Project	30 Hrs

DESKTOP ENGINEERING

- Introduction to PC
- Introduction to Operating System
- Getting Familiar with Microsoft Windows 8.1
- Booting Sequence
- Serial, Parallel, PS/2, SCSI & USB Interfaces
- Input Devices, Memory, Processor
- Motherboard, Hard Disk
- Optical Storage Devices
- SMPS & UPS
- Printer, Virus
- Display Interfaces & Monitor
- Multimedia, Modem, Backup Devices
- Laptop & Palmtop Computers
- Installation of Windows 8.1
- Managing Applications on Windows 8.1
- Microsoft Outlook Configuration
- PC Assembling & Troubleshooting

CCNA ROUTING & SWITCHING (200-125)

- Networking Fundamentals
- Transmission Media and Networking Topologies
- Networking Reference Models
- Networking Protocols
- IP Addressing & Subnetting
- Variable Length Subnet Mask (VLSM)
- Cisco Internetworking Operating System (IOS) and Security Device Manager (SDM)
- Basic Cisco Router Configuration
- Cisco Discovery Protocol, Link Layer Discovery Protocol and Telnet
- IP Routing
- RIP and IGRP
- Enhanced Interior Gateway Routing Protocol
- Open Shortest Path First
- Back Up and Restoring of Router Configuration
- Switching Concepts & Managing CISCO switches
- Spanning Tree Protocol (STP)
- Advanced Switching Technology
- Virtual Local Area Network (VLAN)
- Inter-VLAN Routing and VLAN Trunking Protocol
- Network Security, Access list
- Configuring DHCP and NTP on CISCO Routers
- Network Address Translation (NAT)
- IP services
- Wireless technologies & Wireless Security
- IPv6 & IPv6 Routing Protocols
- WAN Technologies
- Intelligent Network Evolution

INSTALLING AND CONFIGURING WINDOWS 10 (70-698)

- Introducing Windows 10
- Navigating the Windows 10 User Interface
- Installing & Upgrading to Windows 10
- Configuring Your Device

- Configuring Network Connectivity
- Managing Storage
- Managing Disks, Partitions, and Volumes
- Configuring and Managing File Access
- Configuring and Managing Shared Folders
- Managing Apps in Windows 10
- Using EFS and BitLocker
- Managing Network Security
- Troubleshooting and Recovery

INSTALLATION, STORAGE, AND COMPUTE WITH WINDOWS SERVER 2016 (70-740)

- Introducing Windows Server 2016
- Preparing and installing Nano Server and Server Core
- Managing volumes in Windows Server 2016
- Implementing enterprise storage solutions
- Configuring sharing in Windows Server 2016
- Implementing Storage Spaces and Data Deduplication
- Installing and configuring Hyper-V and virtual machines
- Deploying and managing Windows Server and Hyper-V containers
- Overview of high availability and disaster recovery
- Implementing and managing failover clustering
- Implementing failover clustering for Hyper-V virtual machines
- Implementing Network Load Balancing
- Creating and managing deployment images
- Implementing WSUS

NETWORKING WITH WINDOWS SERVER 2016 (70-741)

- Planning and implementing an IPv4 network
- Implementing DHCP, DNS
- Implementing IPv6
- Implementing and managing IPAM
- Remote access in Windows Server 2016
- Implementing Direct Access
- Implementing VPNs
- Implementing networking for branch offices
- Configuring advanced Microsoft Hyper-V networking features
- Implementing Software Defined Networking

IDENTITY WITH WINDOWS SERVER 2016 (70-742)

- Installing and configuring AD DS domain controllers
- Managing objects in AD DS
- Advanced AD DS infrastructure management
- Implementing and administering AD DS sites and replication
- Implementing Group Policy
- Securing Active Directory Domain Services
- Deploying and managing AD CS
- Deploying and managing certificates
- Implementing and administering AD FS, AD RMS
- Monitoring, managing, and recovering AD DS

RED HAT SYSTEM ADMINISTRATION I (RH 124)

- Graphical Installation fo Linux
- Managing physical storage
- Introduction to the command line
- Establishing network and securing network serves
- Managing and securing files
- Administrating users and groups
- Deploying file sharing services