

### ITIL Foundation - 20 Hours

- Identify the principles and concepts of IT Service Management based on ITIL 2011 Edition
- Identify the best practices of implementing ITIL 2011 Edition in an organization
- Define the terminology used in ITIL 2011 Edition
- Identify the concepts and definitions used in the Service Life cycle
- Define Service Strategy concepts
- Define Service Design concepts
- Define Service Operation concepts
- Define Service Transition concepts
- Define Continual Service Improvement concepts
- Define the roles, processes, and components within
- key areas of IT Service Management based on ITIL 2011 Edition
- Prepare the student to take the ITIL 2011 Edition Certification exam

### Boot Camp - 24 Hours

- Assembling & Maintaining a PC
- Troubleshooting a PC
- Installing and managing Antivirus
- Configuring & Maintaining Outlook
- Formatting & restoring a PC- Data recovery
- Domain/work group creation with Win XP/7/8
- Different types of Printer/Scanner configuration and trouble shooting
- Basic configuration of Router & Modem
- Setting up a wireless LAN
- Remote Troubleshooting
- Firewall
- Basic introduction to Lotus client

### Personality Development & Softskills - 12 Hours

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

### Project - 30 Hours



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### **Desktop Engineering - 60 Hours**

- Introduction to PC
- Introduction to OS
- Disk Operating system & Commands
- Microsoft Windows 7
- Booting Sequence
- Memory
- Processors
- Motherboard
- Hard Disk Drive
- Optical Storage Devices
- SMPS & UPS
- Computer Mouse & Keyboard
- Scanner & Printer
- Multimedia
- Modem
- Backup Devices
- Viruses
- Laptop & Palmtop Computers
- Installation of Windows 7
- Managing Applications on Windows 7
- PC Assembling
- Trouble Shooting

### **CCNA with Networking Basics (ICND 1 & ICND 2) - 72 Hours**

- Internetworking
- Introduction to TCP/IP
- Subnetting, Variable Length Subnet Masks (VLSMs)
- Cisco's Internetworking Operating System (IOS)
- Managing a Cisco Internetwork
- LAN Switching
- IP Routing
- Enhanced IGRP (EIGRP) and Open Shortest Path First (OSPF)
- Layer 2 Switching and Spanning Tree Protocol (STP)
- Virtual LANs (VLANs)
- Security
- IP Services
- Cisco's Wireless Technologies
- Internet Protocol Version 6 (IPv6)
- Wide Area Networks
- Doubt Solving / Practice

### **Configuring Windows 8.1 (70-687) - 24 Hours**

- Plan and perform the installation of Windows 8.1
- Install Windows 8.1 on computers that are running an existing operating system

- Configure disks, partitions, volumes, and device drivers in a Windows 8.1 system
- Configure network connectivity
- Install, configure, and maintain wireless network connections
- Implement Windows 8.1 technologies to secure network connections
- Share files and printers
- Implement tools and technologies that can help secure Windows 8.1 desktops
- Configure and control applications in Windows 8.1
- Optimize and maintain Windows 8.1 based computers
- Configure mobile computer settings and to enable remote access
- Create and configure virtual machines in Hyper-V for Windows 8.1 and describe how to use it to support legacy applications
- Determine how to recover Windows 8.1 from various failures
- Describe how to use Windows Power shell to manage Windows 8.1

### **Installing and Configuring Windows Server 2012 (70-410) - 30 Hours**

- Install and Configure Windows Server 2012
- Describe AD DS infrastructure, and install and configure domain controllers
- Manage AD DS objects
- Automate AD DS administration
- Describe Internet Protocol Version 4 (IPv4) addressing
- Describe installing and configuring Dynamic Host Configuration Protocol (DHCP), in addition to managing a DHCP database
- Describe name resolution for Windows operating system clients and Windows Server
- Describe implementing IPv6 addressing
- Describe implementing storage configuration options for Windows Server 2012
- Enable and configure file and print services in Windows Server 2012
- Describe implementing Group Policy
- Increase security in a Windows Server 2012 infrastructure by using Group Policy Objects, App Locker, and Windows Firewall
- Describe Microsoft Virtualization technologies, including Hyper-V

### **Administering Windows Server 2012 (70-411) - 30 Hours**

- Implement a Group Policy infrastructure
- Manage user desktops with Group Policy
- Manage user and service accounts
- Maintain Active Directory Domain Services
- Configure and troubleshoot Domain Name System
- Configure and troubleshoot Remote Access
- Install, configure, and troubleshoot the Network Policy Server (NPS) role
- Implement Network Access Protection (NAP)
- Optimize file services
- Configure encryption and advanced auditing
- Deploy and maintain server images
- Implement Update Management
- Monitor Windows Server 2012

### **Configuring Advanced Windows Server 2012 Services (70-412) - 30 Hours**

- Implement advanced network services
- Implement advanced file services
- Implement Dynamic Access Control
- Implement network load balancing (NLB)
- Implement failover clustering
- Implement failover clustering with Hyper-V
- Implement disaster recovery
- Implement distributed Active Directory Domain Services (AD DS) deployments
- Implement AD DS sites and replication
- Implement Active Directory Certification Services
- Implement Active Directory Rights Management Services
- Implement Active Directory Federation Services

### **Red Hat System Administration I (RH 124) - 40 Hours**

- Graphical Installation of Linux
- Managing physical storage
- Introduction to the command line
- Learning how to install and configure local components and services
- Establishing network and securing network serves
- Managing and securing files
- Administrating users and groups
- Deploying file sharing services

### **Red Hat System Administration II (RH 134) - 32 Hours**

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

### **Red Hat System Administration III (RH 254) - 32 Hours**

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

### **MS Server Virtualization with MS Windows Server Hyper-V and System Center (20409) - 60 Hours**

- 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
- Creating and Managing Virtual Machines by Using Microsoft 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