



Jetking Diploma in Network Administration (JK DNA) course is the preferred choice of under-graduate students. In addition to imparting the basic knowledge and skills it includes training on 6 global certifications which will help them make a successful entry into the IT-IMS Industry (IT Infrastructure Management Services). The JK DNA Course is the simplest and fastest way of opening the doors to this competitive industry.

## MS-OFFICE 2019

- Exposure to Computer Hardware Industry
- Introduction to Microsoft Office & Getting Started with MS-Word
- MS-Word: Working with Objects
- Getting Started with MS-Excel.
- MS-Excel: Working with Cells & Sheets
- MS-Excel: Basic Formula & Data
- Getting Started with MS-Powerpoint
- MS-Powerpoint: Working with Powerpoint
- Getting started with OneDrive & Onenote

## CONFIGURE & TROUBLESHOOT PC HARDWARE & OS

- PC Components and Safety measures
- Managing storage components
- PC Assembling
- Manage Internal system components
- Types of Printers and Maintainance
- Types of Imaging Devices and Installing a Scanner & Webcam
- Configure and Troubleshoot Laptops
- Manage Mobile Devices
- Different OS and Compatibility
- Windows Installation
- Manage Windows Disk and Features
- Install & Configure Linux & macOS
- Upgrading OS & Installing OS updates
- Install and Manage Windows Applications
- Manage Client Virtualization and Cloud Computing concepts
- Network Concepts and devices
- Network Concepts and management on Windows devices
- Configure & troubleshoot network and remote access
- Managing Users, Workstation and

- Shared resources
- Manage and Secure systems and Data
- Troubleshooting Workstation issues
- Manage Mobile Devices and Security
- Implementing Operational Process

## CONFIGURE & TROUBLESHOOT NETWORKS

- Network Media types and Access Methods
- Networking Devices & Ethernet Standards
- OSI\_TCP/IP Model
- Configure and Manage IP Networks
- Configure and Manage Switched Network
- Characteristics of Router and Routing
- Managing Ports and Protocols
- Network Application and Storage Services
- Common Network Attacks and Mitigations
- Managing and Configure Security Devices
- Describe Authentication and Access Controls
- Implementing of Wireless Technologies
- WAN Technologies and Remote Access Methods
- Troubleshooting and Network policies

## WINDOWS 10 (MD-100)

- Deploying Windows 10
- Post-Installation Configuration & Personalization
- Post-Installation Configuration & Personalization (update Windows)
- Manage Networks
- Manage storage
- Manage Apps
- Manage data access & protection
- Configure Authorization\_Authentication & ThreatProtection

- Plan and implement Microsoft Intune
- working with diagnostics tools in Windows 10 environments
- Troubleshooting Windows 10 OS

## MODERN WORKPLACE

- Plan and implement Microsoft Intune
- Troubleshooting Outlook
- Working with Office 365 Collaboration
- Configuring Mobile Devices
- Assessment / Project

## NETWORK SOLUTIONS IMPLEMENT & ADMINISTER CISCO (CCNA 200-301)

- Network Fundamentals
- IP Addressing
- Network Access Technologies
- Advanced Network Access Technologies
- Working with Cisco Devices
- IP Connectivity Technologies
- Advanced IP Connectivity Technologies
- Wireless Network
- Implementing IP Services
- Infrastructure Security
- WAN Technologies
- Cloud Computing
- Automation and Programmability
- Troubleshooting
- Assessment / Project

## 70-740

- Introduction to Windows Server OS
- Installing, upgrading and migrating servers and workloads
- Configuring local storage & Enterprise storage solutions
- Implementing Storage Spaces and Data Deduplication
- Installing and configuring Hyper-V and virtual machines
- Deploying and managing Windows and Hyper-V containers
- Overview of high availability and disaster recovery

- Implementing Failover clustering with Windows Server 2016 Hyper-V
- Implementing Network Load Balancing
- Creating and managing deployment images
- Managing, monitoring and maintaining virtual machine installations
- Planning and implementing an IPv4 and IPv6 network

## 70 - 741

- Implementing Dynamic Host Configuration Protocol
- Implementing Domain Name System
- Implementing and managing IPAM
- Remote access in Windows Server 2016
- Implementing Direct Access and VPN
- Implementing networking for branch offices
- Configuring advanced networking features
- Implementing Software Defined Networking

## 70 - 742

- Installing and configuring domain controllers
- Managing objects in AD DS
- Advanced AD DS infrastructure management
- Implementing and administering AD DS sites and replication
- Implementing Group Policy & Managing Users
- Securing Active Directory Domain Services
- Deploying and managing Active Directory Certificate Services
- Deploying and managing certificates
- Implementing and administering Active Directory Federation Services
- Implementing and administering Active Directory Rights Management Services
- Implementing AD DS synchronization with Microsoft Azure AD
- Monitoring, managing and recovering AD DS

## RHCSA -SA1

- Introduction to Linux and Unix OS
- Access the Command Line and Manage Files from the command line
- Accessing Help in RHEL
- Create, View and Edit text files
- Manage Local Linux users and groups

- Control access to files with Linux File System permissions
- Monitor and Manage Linux processes & Control Services and daemons
- Configure, Secure OpenSSH service & Analyze and store logs
- Manage RHEL networking
- Archive and copy files between systems
- Install and Update software packages

## RHCSA -SA2

- Regular expression with "grep"
- Managing Files from Scripts
- Scheduling Linux Tasks
- Control access to file using ACL
- Managing SELinux Security
- Adding Disk, Partition and File system to Linux system
- Managing LVM Storage
- Managing Advance Storage management
- Control and Troubleshoot RHEL boot process
- Limiting Network communication with Firewall
- Automation Installation with Kickstart
- Virtualization
- Container
- Project



\* Conditions Apply.

## EMPLOYABILITY SKILLS

### English & Personality Development

- Listening Skills
- Reading Skills
- Writing Skills
- Speaking Skills

### Employability

- Greeting
- Talking about yourself
- Non-verbal communication
- Grooming and Confidence Building
- Expressing your thoughts
- Asking questions
- Answering commonly asked questions
- Effective Communication Skills (Assertive communication, Reading, Writing Listening Skills) Presentation Skills (Platform Skills, Voice Modulation)
- Telephone Etiquette
- Corporate Etiquette (Appearance, Grooming hygiene and cleanliness, General ways of behaviour in the corporate world)
- Team Skills (Team activities)
- Goal Setting and Achieving (Result Orientation)
- Managing Time (Time management grid of urgent-important/ Tips)
- Decision Making
- Writing effective Resume
- Facing an interview (Etiquette, answering commonly asked questions, overcoming nervousness)

### Disclaimer and Terms & Conditions:

- The course content may change without any prior information.
- Syllabus is only mapped to Global Certifications. Student shall receive a Jetking certification on completion of course. Global Certification & exam Voucher is not included in the course.