

SOFTCRAYONS
Tech Solution Pvt. Ltd



Practical Training Program Branch - Ghaziabad, Noida

- » Graphic Designing
- » Programming
 - Python - Java - PHP ++
 - C++ - C - Ruby On Rails
 - Perl
- » Web Designing
- » Networking - CCNA
 - CCNP- MCITP - MCSE
 - Hardware
- » CAD- CAM-CAE
 - Autocad for Civil
 - Autocad for Electrical
 - Autocad for Mechanical
 - Catia V5 / Staap PRO/
 - Revit / Revit Structure
 - Revet Architecture / Soliworks
 - PRO E / CREOC(Fr - Designers)
 - 3D Max / Inventor / Ansys / Vray
- » Digital Marketing
- » Android Application
- » Sap - ERP - ABAP
 - Erp Basis / Erp-Bi
 - Erp-Bo / CRM/ HR/HCM / MM
 - PP / Controlling / Hana / SCM
 - Finance
- » Software testing
 - Manual testing
 - Automation - testing
 - QTP - Selenium
- » MS Office
- » Tally With GST
- » 1 Angular Js / 2 Angular
 - 3 Angular / 4 Angular
- » Vmware

70-680 Windows 7

1 .Module

Installing, Upgrading, and Migrating to Windows 7

- Describe the key features, editions, and hardware requirements of Windows 7
- Perform a clean installation of Windows 7
- Upgrade and Migrate to Windows 7 from an earlier version of Windows
- Perform an image-based installation of Windows 7
- Resolve common application compatibility issues.

2 .Module

Configuring User Account and Group Management

- Local User and Group

- Built - in User and Group

3 .Module

Configuring Disks and Device Drivers

- Partitioning Disks in Windows 7
- Managing Disk Volumes
- Maintaining Disks in Windows 7
- Installing and Configuring Device Drivers
- Configuring Disk Quotas (Optional)
- Updating a Device Driver

4 .Module

Configuring File Access on Windows 7 Client Computers

- Overview of Windows File Systems
- Managing File Access in Windows 7
- Managing Shared Folders
- Configuring File Compression
- Create and Configure a Public Shared Folder for all Users

5 .Module

Configuring Network Connectivity

- Configuring IPv4 Network Connectivity
- Configuring IPv6 Network Connectivity
- Implementing Automatic IP Address Allocation
- Overview of Name Resolution
- Troubleshooting Network Issues
- Configuring Network Connectivity

6 .Module

Securing Windows 7 Desktops

- Overview of Security Management in Windows 7
- Securing a Windows 7 Client Computer by Using Local Security Policy Settings
- Securing Data by Using EFS
- Configuring User Account Control

- Configuring Windows Firewall
- Configuring Security Settings in Internet Explorer 8
- Configuring Windows Defender

7 .Module

Configuring Remote Access in Windows 7

- Configuring Remote Desktop and Remote Assistance for Remote Access

70-640 Active Directory

8 .Module

Introducing Active Directory Domain Services

- Overview of Active Directory, Identity, and Access
- Active Directory Components and Concepts
- Install Active Directory Domain Services

8 .Module

Designing an Active Directory Forest Infrastructure in Windows Server 2008

- Determining Active Directory Forest Design Requirements
- Designing an Active Directory Forest
- Designing Active Directory Forest Trusts
- Managing the Active Directory Schema
- Understanding Windows Time Service

9 .Module

Designing an Active Directory Domain Infrastructure in Windows Server 2008

- Designing Active Directory Domains
- Designing the Integration of DNS Namespaces
- Designing the Placement of Domain Controllers
- Designing Active Directory Domain Trusts

10 .Module

Administering Active Directory Securely and Efficiently

- Work with Active Directory Administration Tools
- Find Objects in Active Directory

11 .Module

Managing Users and Service Accounts

- Create and Administer User Accounts
- Configure User Object Attributes
- Create and Configure Managed Service Accounts

12 .Module

Managing Groups

- Overview of Groups
- Administer Groups
- Best Practices for Group Management

13 .Module

Managing Computer Accounts

- Create Computers and Join the Domain
- Administer Computer Objects and Accounts
- Perform an Offline Domain Join

14 .Module

Implementing a Group Policy Infrastructure

- Understand Group Policy
- Implement GPOs
- Manage Group Policy Scope
- Group Policy Processing
- Troubleshoot Policy Application

15 .Module

Managing User Desktop with Group Policy

- Implement Administrative Templates
- Configure Group Policy Preferences
- Manage Software with GPSI

16 .Module

Managing Enterprise Security and Configuration with Group Policy Settings

- Manage Group Membership by Using Group Policy Settings
- Manage Security Settings
- Auditing

17 .Module

Securing Administration

- Delegate Administrative Permissions
- Audit Active Directory Administration

18 .Module

Improving the Security of Authentication in an AD DS Domain

- Configure Password and Lockout Policies
- Audit Authentication
- Configure Read-Only Domain Controllers

19 .Module

Configuring Domain Name System

- Install and Configure DNS in an AD DS Domain
- Integration of AD DS, DNS, and Windows
- Advanced DNS Configuration and Administration

20 .Module

Administering AD DS Domain Controllers

- Domain Controller Installation Options
- Install a Server Core Domain Controller
- Manage Operations Masters
- Configure Global Catalog

21 .Module

Managing Sites and Active Directory Replication

- Configure Sites and Subnets

- Configure Replication

22 .Module

Directory Service Continuity

- Configure Sites and Subnets
- Configure Replication

23 .Module

Managing Multiple Domains and Forests

- Configure Domain and Forest Functional Levels
- Manage Multiple Domains and Trust Relationships
- Move Objects between Domains and Forests

24 .Module

Deploying and Configuring Active Directory Certificate

- Overview of Active Directory Lightweight Directory Services
- Deploying and Configuring Active Directory Lightweight Directory Services
- Configuring AD LDS Instances and Partitions
- Configuring Active Directory Lightweight Directory Services
- Replication
- Troubleshooting Active Directory Lightweight Directory Services

25 .Module

Deploying and Configuring Active Directory Lightweight Directory Services

- Overview of Active Directory Lightweight Directory Services
- Deploying and Configuring Active Directory Lightweight Directory Services
- Configuring AD LDS Instances and Partitions
- Configuring Active Directory Lightweight Directory Services
- Replication
- Troubleshooting Active Directory Lightweight Directory Services

26 .Module

Deploying and Configuring Active Directory Federation Services

- Overview of Active Directory Federation Services 2.0
- Deploying Active Directory Federation Services
- Configuring Active Directory Federation Services Partner
- Organizations and Claims
- Troubleshooting Active Directory Federation Services

27 .Module

Deploying and Configuring Active Directory Rights Management Services

- Overview of Active Directory Rights Management Services
- Deploying and Configuring Active Directory Rights Management Services
- Configuring AD RMS Rights Policy Templates and Exclusion Policies
- Configuring Active Directory Rights Management Services Trust Policies
- Troubleshooting Active Directory Rights Management Services

28 .Module

70-642 Network Infrastructure

Planning and Configuring Ipv4

- Implementing an IPv4 Network Infrastructure
- Overview of Name Resolution Services in an IPv4 Network Infrastructure
- Configuring and Troubleshooting Ipv4
- Selecting an IPv4 Addressing scheme for branch offices
- Implementing and Verifying IPv4 in the branch office

29 .Module

Configuring and Troubleshooting DHCP

- Overview of the DHCP Server Role
- Configuring DHCP Scopes
- Configuring DHCP Options
- Managing a DHCP Database
- Monitoring and Troubleshooting DHCP
- Configuring DHCP Security

30 .Module

Configuring and Troubleshooting DNS

- Installing the DNS Server Role
- Configuring the DNS Server Role
- Configuring DNS Zones
- Configuring DNS Zone Transfers
- Managing and Troubleshooting DNS

31 .Module

Configuring and Troubleshooting IPv6 TCP/IP

- Overview of Ipv6
- IPv6 Addressing
- Coexistence with Ipv6
- IPv6 Transition Technologies
- Transitioning from IPv4 to Ipv6

32 .Module

Configuring and Troubleshooting Routing and Remote Access

- Configuring Network Access
- Configuring VPN Access
- Overview of Network Policies
- Troubleshooting Routing and Remote Access
- Configure the PKI Environment
- Configuring RADIUS Clients and Servers

33 .Module

Implementing Network Access Protection In this module

- Overview of Network Access Protection
- How NAP Works
- Configuring NAP

34 .Module

Increasing Security for Windows Servers Security is an essential consideration for networking with Windows Server 2008

- Windows Security Overview
- Configuring Windows Firewall with Advanced Security

- Deploying Updates with Windows Server Update Services

35 .Module

Increasing Security for Network Communication Internet Protocol security (IPSec)

- Overview of IPSec
- Configuring Connection Security Rules
- Monitoring and Troubleshooting IPSec

36 .Module

Configuring and Troubleshooting Network File and Print Services

- Configuring and Troubleshooting File Shares
- Encrypting Network Files with EFS
- Encrypting Partitions with Bit Locker
- Configuring and Troubleshooting Network Printing

37 .Module

Optimizing Data Access for Branch Offices

- Branch Office Data Access
- DFS Overview
- Overview of DFS Namespaces
- Configuring DFS Replication

38 .Module

Controlling and Monitoring Network Storage

- Monitoring Network Storage
- Controlling Network Storage Utilization
- Managing File Types on Network Storage

39 .Module

Recovering Network Data and Servers

- Recovering Network Data with Volume Shadow Copies
- Recovering Network Data and Servers with Windows Server Backup

40 .Module

Monitoring Windows Server 2008 Network Infrastructure Servers

- Monitoring Tools
- Using Performance Monitor
- Monitoring Event Logs

41 .Module

70-643 Applications Infrastructure, Configuring

Installing and Configuring Microsoft Windows Server 2008 R2

- Planning Windows Server 2008 R2 Installations
- Performing a Windows Server 2008 R2 Installation
- Configuring Windows Server 2008 R2 Following Installation
- Automating Server Activation Using Microsoft Volume Activation

42 .Module

Implementing Deployment Technologies

- Selecting a Deployment Strategy
- Using the Windows Automated Installation Kit
- Working with Images
- Working with Unattended Answer Files

43 .Module

Using Windows Deployment Services

- Overview of Windows Deployment Services (WDS)
- Implementing Deployment with WD
- Maintaining Images

44 .Module

Active Directory Directory Service

- Overview of Upgrading Windows Server 2008 R2 Active Directory
- Upgrading Domain Controllers to Windows Server 2008 R2

45 .Module

File, Print, and Web Services

- Introducing the Windows File and Print Servers

46 .Module

Deploying Branch Office and Remote Access Services

- Implementing Read-Only Domain Controllers
- Implementing Remote Infrastructure

47 .Module

Migrating Workloads to Microsoft Virtual Machines

- Overview of Microsoft Virtualization
- Installing Hyper-V

48 .Module

Configuring Terminal Services Core Functionality

- Configuring TS Role
- Configuring TS Settings

49 .Module

Configuring and Managing Terminal Services Licensing

- Configuring TS Licensing
- Managing TS Licenses
- Installing Applications
- Configuring Remote Applications
- Configuring Printers
- Configuring Terminal Services Web Access
- Installing the TS Web Access Role Service
- Configuring Session Broker

50 .Module

Configuring and Troubleshooting Terminal Services Gateway

- Configuring TS Gateway
- Troubleshooting TS Gateway Connectivity Issues

51 .Module

Configuring an IIS 7.0 Web Server

- Introducing Internet Information Services 7.0
- Installing the Web Server Role in Windows Server 2008
- Configuring Application Development, Health, and HTTP Features
- Configuring Performance, Security, and Server Component Features

52 .Module

Configuring IIS 7.0 Web Sites and Application Pools

- Introducing Web Sites and Application Pools
- Creating a Web Site
- Creating an Application Pool
- Maintaining an Application Pool

53 .Module

Securing the IIS 7.0 Web Server and Web Sites

- Configuring Secure Web Sites and Servers
- Configuring Logging for IIS 7.0

54 .Module

Configuring Delegation and Remote Administration

- Configuring Remote Administration
- Configuring Feature Delegation
- Backing Up and Restoring Web Sites
- Working with Shared Configurations

55 .Module

Overview of Network Infrastructure Design

- Preparing for Network Infrastructure Design
- Designing the Network Topology

- Designing Network Infrastructure for Virtualization
- Designing a Change Management Structure for a Network

56 .Module

Designing Network Security

- Overview of Network Security Design
- Creating a Network Security Plan
- Identifying Threats to Network Security
- Analyzing Security Risks

57 .Module

Designing IP Addressing

- Designing an IPv4 Addressing Scheme
- Designing an IPv6 Addressing Scheme
- Designing DHCP Implementation
- Designing DHCP Configuration Options

58 .Module

Designing Routing and Switching

- Preparing for Designing a Network Routing Topology
- Selecting Network Devices
- Designing Internet Connectivity and Perimeter Networks
- Designing Routing Communications
- Evaluating Network Performance

59 .Module

Designing Security for Internal Networks

- Designing Windows Firewall Implementation
- Overview of IPSec
- Designing IPSec Implementation

60 .Module

Designing File Services and DFS in Windows Server 2008

- Designing File Services
- Designing DFS
- Designing the FSRM Configuration

61 .Module

Designing Print Services in Windows Server 2008

- Overview of a Print Services Design
- Windows Server 2008 Printing Features
- Designing Print Services

62 .Module

Designing Active Directory High Availability in Windows Server 2008

- Understanding AD DS High Availability
- Designing an AD DS High Availability Strategy

63 .Module

Designing AD DS Disaster Recovery in Windows Server 2008

- Designing an Active Directory Database Maintenance Strategy
- Designing an Active Directory Backup and Recovery Strategy
- Designing an AD DS Monitoring Strategy

64 .Module

Designing Public Key Infrastructure in Windows Server 2008

- Overview of PKI and Active Directory Certificate Services
- Designing a Certification Authority Hierarchy
- Designing Certificate Template
- Designing Certificate Distribution and Revocation

65 .Module

Designing an AD LDS Implementation

- AD LDS Deployment Scenarios
- Overview of an AD LDS Implementation Design
- Designing AD LDS Schema and Replication
- Integrating AD LDS with AD DS

67 .Module

Designing Active Directory Migrations in Windows Server 2008

- Choosing an Active Directory Migration Strategy
- Designing a Domain Upgrade Strategy
- Designing a Domain Restructure Strategy

Deployment

1. Deploying using Github
2. Angular2 Hosting Options
3. Hosting Angular App on cloud server Heroku

Batch Timings –

Days	Class Duration	Course Duration
Monday-Friday	2 Hours	1 Month
Saturday & Sunday	3 Hours	1.5 Months
Sunday	4 Hours	2 Months

Regards,

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