

PROFESSIONAL IT TRAINING CENTER

“Professional Education For Professional Future”

www.professional.az

Information Technology Training Plan (For System Administration)

Professional I. T. Training Center

(MCP, MCSE, MCSA, MCT, CCNA, CCNP, RHCE, UNIX, A+)

Address: 30, Rostropovichs

E-mail: office@professional.az

Web: www.professional.az

GSM:(+99450) 370 43 31

GSM:(+99455/70) 370 43 31

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Training Plan for 1 month

I lesson

- IP Fundamentals
- Workgroup
- Domain (AD)

II lesson

- IP Advanced
- Microsoft Operation Systems
- Windows 7 Users & Groups
- Disk management
- File systems(NTFS)
- Services
- Ping (ICMP)

III lesson

- Event viewer
- Sharing
- Device Manager
- Ports
- Internet Access configuration
- Operation system installation (overview)

IV lesson

- MMC
- Task Scheduler
- Hardware profiles
- Driver signing
- Performance of OS
- Remote tab
- Configuring Firewall (Client Side)
- Windows Defender

V lesson

- Installation of operation System

VI lesson

- HCL
- Application response
- Virtual memory
- Paging
- Dump memory
- DNS

VII lesson

- DHCP
- AD setup
- Users
- Groups

VIII lesson

- Network Printers
- Administration of Network Printers
- NTFS permissions
- Audit
- Local policy
- Group policy
- Windows Startup
- Restore (R) the windows and boot
- Network Topology
- Backup
- Restore
- Offline Files
- ReadyBoost

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Training Plan for II month

I lesson

- Name Resolution (Host file)
- WINS, NetBIOS
- Secondary DHCP
- Extended/Secondary DNS
- Secondary Domain (AD)
- Domain Controller (overview)

II lesson

- Authentication
- Sites and Replication
- Directory Business Continuity

III lesson

- Forest & Tree Concept
- Active Directory Lightweight Directory Services

IV lesson

- Active Directory Certificate Services & Public Key
- Active Directory Rights management

V lesson

- Active Directory Federation Services
- Active Directory Users
- Automatic Creation of AD users & groups (via templates)

VI lesson

- Active Directory Groups
- Active Directory Computers

- Adding AD objects from PowerShell

VII lesson

- Protocols
 - NETBEUI
 - APPLE TALK
 - IPX
 - DATA LINK CONTROL
 - IRDA

VIII

- Protecting Network Traffic With IPSec
- Monitoring
- Routing Fundamentals

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Training Plan for III month

I lesson

- Configuring Server Storage and Clustering

II lesson

- Installing and Configuring Terminal Services

III lesson

- Web Server (IIS)
 - HTTP
 - FTP

IV lesson

- Radius Server Fundamentals
- Windows server 2008 Firewall
- SharePoint Fundamentals

V lesson

- Active Directory Group Policy
- Bridgehead Server

VI lesson

- WSUS (Windows Server Update Services)
- Application Server
- IP Routing (RIP,OSPF,BGP,
IS-IS,IGRP,EIGRP)

VII lesson

- File Server (DFS)

VIII

- Patch Management
- Certificate Services and SAN (Storage Area Networks)
- Windows Server Backup
- Backup with 3rd Party Tools

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Training Plan for IV month

I lesson

- IPv6
 - Hexadecimal
 - Teredo

II lesson

- PowerShell Fundamentals

III lesson

- PowerShell Advanced

IV lesson

- Active Directory Migrations, Trusts

V lesson

- Branch Office Deployment

VI lesson

- Server Virtualization

VII lesson

- Public Key Infrastructure

VIII

- Data Sharing, Data Security, Business Continuity

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Training Plan for V month

MICROSOFT ISA SERVER

I lesson

- Installation
- Introduction to and Management of ISA server

II lesson

- Connecting to the Internet
- Client-Side Firewalls
- Monitoring, Logging, Reporting and Troubleshooting ISA

III lesson

- Configuring ISA Firewall Access Policies

IV lesson

- Configuring Secure NAT
- ISA clients and Automatic Provisioning

V lesson

- Stateful Packet Inspection and Application Layer Filtering

VI lesson

- Configuring ISA as a VPN Server
- Configuring ISA Site-to-site VPN Tunnels

VII lesson

- Publishing Applications with ISA (HTTP, HTTPS)

VIII lesson

- Publishing Applications with ISA (Mail, Applications)
- Caching with ISA Server
- ISA Server Enterprise Edition

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Training Plan for VI month

MICROSOFT EXCHANGE SERVER

I lesson

- Installation
- User Management

II lesson

- Configuring Outlook
- Setup Internet Gateway for Exchange

III lesson

- SMTP Relay Server

IV lesson

- OWA

V lesson

- Remote Access – POP3

VI lesson

- Information Store
- Public Folders

VII lesson

- Exchange Management
- Exchange Groups, Address list

VIII

- Security in Exchange
- Disaster Recovery
- Routing Groups and Connectors

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