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Computer Visions Course Outline

Get What You Want

We offer highly customizable group training courses: desktop applications, web development, networking & operating systems, technical certification, professional development & skills, help desk.

Get It When & Where You Want It

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Corporate Training Solutions

Corporations look to us to train their employees. Why? Because our proven training methods have increased employee proficiency and productivity. We assign one person to each of our corporate clients to ensure quality service, and we also offer extranet Web registration, management, reporting and billing for all clients. Simplicity, quality and outstanding service are our hallmarks.

Consulting Solutions

6425A: Configuring and Troubleshooting Windows Server 2008 Active Directory Domain Services

This instructor-led course provides to teach Active Directory Technology Specialists with the knowledge and skills to configure Active Directory Domain Services in a distributed environment, implement Group Policies, perform backup and restore, and monitor and troubleshoot Active Directory related issues.

Outline:

Module 1: Implementing Active Directory Domain Services

This module explains how to install and configure Active Directory Domain Services and install and configure a read-only domain controller.

Lessons

- Installing Active Directory Domain Services
- Deploying Read-Only Domain Controllers
- Configuring AD DS Domain Controller Roles

Lab : Implementing Read-Only Domain Controllers

- Evaluating Forest and Server Readiness for Installing an RODC
- Installing and Configuring an RODC
- Configuring AD DS Domain Controller Roles

Module 2: Configuring Domain Name Service for Active Directory Domain Services

This module explains how to configure Domain Name Services (DNS) for Active Directory Domain Services.

Lessons

- Overview of Active Directory Domain Services and DNS Integration

- Configuring Active Directory Integrated Zones
- Configuring Read Only DNS Zones

Lab : Configuring AD DS and DNS Integration

- Configuring Active Directory Integrated Zones
- Configuring Read-Only DNS Zones

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Classroom and Computer Rentals

Need space and equipment to conduct specialized presentations or classes? We can help. With our world class classrooms and state of the art projection and presentation equipment, we take care of the details so you can have a successful presentation.

Module 3: Configuring Active Directory Objects and Trusts
This module explains how to configure Active Directory Objects and Trusts.

Lessons

- Configuring Active Directory Objects
- Strategies for Using Groups
- Automating AD DS Object Management
- Delegating Administrative Access to AD DS Objects
- Configuring AD DS Trusts

Lab : Configuring Active Directory Objects

- Configuring AD DS Objects
- Implementing an AD DS Group Strategy
- Automating the Management of AD DS Objects

Lab : Configuring Active Directory Objects and Trusts

- Delegating Control of AD DS Objects
- Configuring AD DS Trusts

Module 4: Configuring Active Directory Sites and Replication
This module explains how to configure Active Directory sites and replication.

Lessons

- Overview of AD DS Replication
- Overview of AD DS Sites and Replication
- Configuring and Monitoring AD DS Replication

Lab : Configuring Active Directory Sites and Replication

- Configuring AD DS Sites and Subnets
- Configuring AD DS Replication
- Monitoring AD DS Replication

Module 5: Creating and Configuring Group Policy

This module explains how to create and configure Group Policy.

Lessons

- Overview of Group Policy
- Configuring the Scope of Group Policy Objects
- Evaluating the Application of Group Policy Objects
- Managing Group Policy Objects
- Delegating Administrative Control of Group Policy

Lab : Creating and Configuring GPOs

- Creating Group Policy Objects
- Managing the Scope of GPO Application
- Verifying GPO Application
- Managing GPOs
- Delegating Administrative Control of GPOs

Module 6: Configuring User Environments Using Group Policy

This module explains how to configure user environments using Group Policy.

Lessons

- Configuring Group Policy Settings
- Configuring Scripts and Folder Redirection Using Group Policies
- Configuring Administrative Templates

<ul style="list-style-type: none">• Group Policy Preferences• Deploying Software Using Group Policy <p>Lab : Lab Configuring User Environments Using Group Policies</p> <ul style="list-style-type: none">• Configuring Scripts and Folder Redirection• Configuring Administrative Templates• Configuring Preferences• Verifying GPO Application <p>Module 7: Implementing Security Using Group Policy</p> <p>This module explains how to implement security using Group Policy.</p> <p>Lessons</p> <ul style="list-style-type: none">• Configuring Security Policies• Implementing Fine-Grained Password Policies• Restricting Group Membership and Access to Software• Managing Security Using Security Templates <p>Lab : Implementing Security Using Group Policies</p> <ul style="list-style-type: none">• Configuring Account and Security Policy Settings• Implementing Fine-Grained Password Policies• Configuring Restricted Groups and Software Restriction Policies• Configuring Security Templates• Verifying the Security Configuration <p>Module 8: Implementing an Active Directory Domain Services Monitoring Plan</p> <p>This module explains how to implement Active Directory Domain Services monitoring plan.</p> <p>Lessons</p> <ul style="list-style-type: none">• Monitoring AD DS Using Event Viewer• Monitoring Active Directory Domain Servers Using Reliability and Performance Monitor• Configuring AD DS Auditing <p>Lab : Monitoring Active Directory Domain Services</p> <ul style="list-style-type: none">• Monitoring AD DS Using Event Viewer• Monitoring AD DS Using Performance and Reliability Monitor• Configuring AD DS Auditing <p>Module 9: Implementing an Active Directory Domain Services Maintenance Plan</p> <p>This module explains how to implement an Active Directory Domain Services maintenance plan.</p> <p>Lessons</p> <ul style="list-style-type: none">• Maintaining the AD DS Domain Controllers• Backing Up Active Directory Domain Services• Restoring Active Directory Domain Services <p>Lab : Implementing an Active Directory Domain Services Maintenance Plan</p> <ul style="list-style-type: none">• Maintaining AD DS Domain Controllers• Backing Up AD DS• Performing an Authoritative Restore of the AD DS Database
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- Restoring Data Using the AD DS Snapshot Viewer

Module 10: Troubleshooting Active Directory, DNS, and Replication Issues

This module explains how to troubleshoot Active Directory Domain Services, Domain Name Service, and Active Directory replication.

Lessons

- Troubleshooting Active Directory Domain Services
- Troubleshooting DNS Integration with AD DS
- Troubleshooting AD DS Replication

Lab : Troubleshooting Active Directory, DNS, and Replication Issues

- Troubleshooting Authentication and Authorization Errors
- Troubleshooting the Integration of DNS and AD DS
- Troubleshooting AD DS Replication

Module 11: Troubleshooting Group Policy Issues

This module explains how to troubleshoot the application of Group Policy objects.

Lessons

- Introduction to Group Policy Troubleshooting
- Troubleshooting Group Policy Application
- Troubleshooting Group Policy Settings

Lab : Troubleshooting Group Policy Issues

- Troubleshooting Group Policy Scripts
- Troubleshooting GPO Lab11B
- Troubleshooting GPO Lab11C
- Troubleshooting GPO Lab11D

Module 12: Implementing an Active Directory Domain Services Infrastructure

This module explains how to implement an Active Directory Domain Services Infrastructure.

Lessons

- Overview of the AD DS Deployment
- Planning a Group Policy Strategy

Lab : Deploying Active Directory Domain Services

- Installing a Read-only Domain Controller (RODC) onto a Server Core, and Creating a Branch Office Site
- Creating a Domain in a Separate Tree and Separate Site

Lab : Configuring Forest Trust Relationships

- Upgrading the Fabrikam Domain, and Creating a Forest Trust with Woodgrove Bank

Lab : Planning a Group Policy Strategy

- Planning Group Policy
- Creating a Domain in a Separate Tree and Separate Site
- Implementing the Corporate Desktop Policy