



VERONAINFORMATICA
SOLUZIONI INFORMATICHE

CORSO 20742

Identity with Windows Server 2016

CORSO 20742

Gestione delle identità con Windows Server 2016

Questo corso intende trasmettere agli allievi le competenze necessarie ad effettuare il deployment e a configurare Active Directory Domain Services (AD DS) in un ambiente distribuito. Gli allievi apprendono inoltre come implementare le Group Policy, come eseguire backup e restore e come monitorare e gestire il troubleshooting delle problematiche inerenti Active Directory.

In aggiunta il corso prende in considerazione il deployment di ruoli quali Active Directory Federation Services (AD FS) e Active Directory Certificate Services (AD CS).

Questo corso aiuta gli allievi nella preparazione dell'esame di certificazione Microsoft 70-742

Durata del corso: 4 giorni

Destinatari del corso:

- Professionisti IT e amministratori di Windows Server che desiderano aggiornare le loro conoscenze e competenze relativamente alla tecnologia di gestione delle identità di Windows Server 2016;
- Professionisti IT con conoscenze informatiche generali, che stanno cercando di acquisire conoscenze su Windows Server, in particolare sulle tecnologie di rete in Windows Server 2016;
- Professionisti IT che desiderano ottenere la certificazione Microsoft 70-742

Obiettivi del corso:

Al termine del corso i partecipanti saranno in grado di:

- Install and configure domain controllers.
- Manage objects in AD DS by using graphical tools and Windows PowerShell.
- Implement AD DS in complex environments.
- Implement AD DS sites, and configure and manage replication.
- Implement and manage Group Policy Objects (GPOs).
- Manage user settings by using GPOs.
- Secure AD DS and user accounts.
- Implement and manage a certificate authority (CA) hierarchy with AD CS.

- Deploy and manage certificates.
- Implement and administer AD FS.
- Implement and administer Active Directory Rights Management Services (AD RMS).
- Implement synchronization between AD DS and Azure AD.
- Monitor, troubleshoot, and establish business continuity for AD DS services.

Programma del corso 20742:

Installing and configuring DCs

- Overview of AD DS
- Overview of AD DS DCs
- Deploying DCs

Managing objects in AD DS

- Managing user accounts
- Managing groups in AD DS
- Managing computer accounts
- Using Windows PowerShell for AD DS administration
- Implementing and managing organizational units

Advanced AD DS infrastructure management

- Overview of advanced AD DS deployments
- Deploying a distributed AD DS environment
- Configuring AD DS trusts

Implementing and administering AD DS sites and replication

- Overview of AD DS replication
- Configuring AD DS sites
- Configuring and monitoring AD DS replication

Implementing Group Policy

- Introducing Group Policy
- Implementing and administering GPOs
- Group Policy scope and Group Policy processing
- Troubleshooting the application of GPOs

Managing user settings with GPOs

- Implementing administrative templates
- Configuring Folder Redirection and scripts
- Configuring Group Policy preferences

Securing AD DS

- Securing domain controllers
- Implementing account security
- Audit authentication

- Configuring managed service accounts (MSAs)

Deploying and managing AD CS

- Deploying CAs
- Administering CAs
- Troubleshooting and maintaining CAs

Deploying and managing certificates

- Deploying and managing certificate templates
- Managing certificate deployment, revocation, and recovery
- Using certificates in a business environment
- Implementing and managing smart cards

Implementing and administering AD FS

- Overview of AD FS
- AD FS requirements and planning
- Deploying and configuring AD FS
- Overview of Web Application Proxy

Implementing and administering AD RMS

- Overview of AD RMS
- Deploying and managing an AD RMS infrastructure
- Configuring AD RMS content protection

Implementing AD DS synchronization with Azure AD

- Planning and preparing for directory synchronization
- Implementing directory synchronization by using Azure AD Connect
- Managing identities with directory synchronization

Monitoring, managing, and recovering AD DS

- Monitoring AD DS
- Managing the AD DS database
- Recovering AD DS objects

ARGOMENTI ESAME 20742

Argomenti trattati nell'esame di certificazione 20742:

[Install and Configure Active Directory Domain Services \(AD DS\) \(20-25%\)](#)

[Manage and Maintain AD DS \(15-20%\)](#)

[Create and Manage Group Policy \(25-30%\)](#)

[Implement Active Directory Certificate Services \(AD CS\) \(10-15%\)](#)

[Implement Identity Federation and Access Solutions \(15-20%\)](#)