

---

## Designing a Windows Server 2008 Active Directory Infrastructure and Services

Varighed: 5 Days    Kursus Kode: M6436

---

### Beskrivelse:

At the end of this course, students will learn how to design an Active Directory Infrastructure in Windows Server 2008. Students will learn how to design Active Directory forests, domain infrastructure, sites and replication, administrative structures, group policies, and Public Key Infrastructures. Students will also learn how to design for security, high availability, disaster recovery, and migrations.

---

### Målgruppe:

The primary audience for this course includes Windows Server 2008 administrators who want to become Windows Server 2008 enterprise administrators and move into the role of designing Active Directory Domain Services (AD DS) environments. The primary audience for this course also includes Information Technology (IT) professionals, including Windows 2000 Server and Windows Server 2003 enterprise administrators who want to become Windows Server 2008 enterprise administrators.

The secondary audience for this course includes security architects, who want to know more about how to integrate the Windows Server 2008 technology into enterprise directories. The secondary audience also includes Active Directory technology specialists who want to understand design decisions.

---

### Agenda:

- After completing this course, students will be able to design an Active Directory infrastructure and services in Windows Server 2008.
-

## Indhold:

### **Designing an Active Directory Forest Infrastructure in Windows Server 2008**

This module explains how to design an Active Directory forest based on business and technical requirements.

- 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

### **Designing an Active Directory Domain Infrastructure in Windows Server 2008**

This module explains how to design an Active Directory domain infrastructure based on business and technical requirements.

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

### **Designing Active Directory Sites and Replication in Windows Server 2008**

This module explains how to design Active Directory sites and replication roles.

- Designing Active Directory Sites
- Designing Active Directory Replication
- Design the Placement of Domain Controllers in Active Directory Sites

### **Designing Active Directory Domain Administrative Structures**

This module explains how to design Active Directory domain administrative structures in Windows Server 2008.

- Planning an Active Directory Domain Administrative Structure
- Designing Organizational Unit Structures
- Designing an Active Directory Group Strategy
- Planning for User and Computer Account Management

### **Designing Active Directory Group Policy**

This module explains how to design Active Directory Group Policies in Windows Server 2008.

- Gathering Information for Group Policy Deployment
- Designing Group Policy Settings
- Designing Group Policy Processing
- Designing Group Policy Management

### **Designing AD DS Security in Windows Server 2008**

This module explains how to design AD DS security in Windows Server 2008.

- Designing Active Directory Security Policies
- Designing Active Directory Domain Controller Security
- Designing Administrator Security and Delegation

### **Designing Active Directory High Availability in Windows Server 2008**

This module explains how to design Active Directory high availability and disaster recovery in Windows Server 2008.

- Understanding Active Directory High Availability
- Designing an Active Directory High Availability Strategy

### **Designing Active Directory Disaster Recovery in Windows Server 2008**

This module explains how to design Active Directory disaster recovery in Windows Server 2008.

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

### **Designing Public Key Infrastructure in Windows Server 2008**

This module explains how to design Public Key Infrastructure in Windows Server 2008.

- Overview of PKI and Active Directory Certificate Services
- Designing a Certification Authority Hierarchy
- Designing Certificate Templates

### **Designing an AD RMS Infrastructure in Windows Server 2008**

This module explains how to design AD RMS infrastructure in Windows Server 2008.

- Gathering Information for an Active Directory Rights Management Services (AD RMS) Design
- Designing AD RMS Clusters and Access
- Designing AD RMS Backup and Recovery

### **Designing an Active Directory Federation Services Implementation in Windows Server 2008**

This module explains how to design an Active Directory Federation Services (AD FS) implementation.

- Overview of an Active Directory Federation Services Design
- Designing a Business-to-Business Federation
- Designing Active Directory Federation Services Claims and Applications

### **Designing an AD LDS Implementation**

This module explains how to design 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

### **Designing Active Directory Migrations in Windows Server 2008**

This module explains how to design Active Directory migrations in Windows Server 2008.

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

### Flere Informationer:

For yderligere informationer eller booking af kursus, kontakt os på tlf.nr.: 44 88 18 00

[training@globalknowledge.dk](mailto:training@globalknowledge.dk)

[www.globalknowledge.dk](http://www.globalknowledge.dk)

Global Knowledge, Stamholmen 149,7 , 2650 Hvidovre