



Masterclass: Managing Active Directory Federation Services for Multiple Organizations

Varighed: 2 Days Kursus Kode: ADS

Beskrivelse:

Multi organization ADFS is a perfect course if you need to implement ADFS across different organizations!

Federated Identity is the most discussed topic in terms of organization cooperation right now, and with this course you will get all the knowledge you will need when you are planning to host services that will connect users across different organizations.

As an add-on course, we will extend previous labs with multi organizations trust, discover problems arising from connecting remote parties and find an automated way to make sure that everything is working smoothly. Using ADFS on Windows 2019, we will connect parties using various active directory topologies and versions, to simulate all the problems that you will be facing in real world deployment.

As a CQURE course, we will focus on security of ADFS, and show a way to solve common access problems – from hacking the user identity, to solving permission problems.

A good enterprise implementation is not complete if we do not think about backup and scripting – so after implementing business partner connectivity, we will focus on scripting the implementation, which will not only allow us to quickly backup and restore our servers, but also allow us to prepare automatic configuration scripts for remote party.

The last part of this course is focused on large ADFS implementations, where load-balancing client traffic is a must. You will not only learn how to load balance ADFS farm, but also get to know Microsoft load balancer included in IIS.

Målgruppe:

Enterprise administrators, infrastructure architects, security professionals, systems engineers, network administrators, IT professionals, security consultants and other people responsible for implementing network and perimeter security.

Agenda:

- **At the end of the course you will be able to:**
 - Deploy AD Federation Services to provide claims-aware authentication for multiple organizations.
 - Implement AD Federation Services high availability and load balancing.
 - Implement Claims filtering and processing, to secure multi-organization enabled application.
 - Script and backup ADFS environment.
 - Automate business partner setup procedure for ADFS.
 - Configure Active Directory for ADFS
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Forudsætninger:

This course is intended for IT professionals who would like to implement and administer Active Directory Federation Services across the organizations. Prerequisite for the course is to have a medium level knowledge about Active Directory Domain Services, basic knowledge of Windows PowerShell and DNS. To attend this training, you should have good hands-on experience in administering Windows infrastructure.

Indhold:

Module 1:	d) Claim pipeline for multiple IdP	b) Creating automated Claim Provided Trust configuration for clients
a) Working with external parties	e) MFA in multi IdP environment	c) Working with third party IdP
b) ADFS in Forest/Domain trust environment	Module 3:	Module 5:
c) Federating with different ADFS versions	a) PowerShell Scripting for ADFS	a) Load Balancing ADFS
Module 2:	b) Backup and Restore ADFS Config	b) Using IIS ARR to load-balance ADFS
a) Home Realm Discovery	c) Exporting and Importing RP and IdP	c) Advance Clustering and load balancing
b) Hacking ADFS Claims	Module 4:	
c) Additional user authorization	a) Working with clients	

Additional Information:

Materials:

Exercises, presentation slides with notes. All exercises are based on newest Windows Server 2019 and Windows 10.

Flere Informationer:

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

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