

Advanced Windows Server 2012 Services Configuration (70-412)



BPC-136 5 Days (35 Hours)

Description

This training will teach you how to implement the different Active Directory (AD) services of Windows Server 2012 and Windows Server 2012 R2. You will also see how to administer and secure each of these services. This course covers all the topics necessary to prepare for the Microsoft 70-412 exam.

Who is this training for ?

For whom

Systems administrators and engineers.

Prerequisites

Aucune

Training objectives

- Set up Windows Server 2012 R2 AD services
- Administer and secure Active Directory domain services
- Implement Clusters in a corporate environment with Hyper-V
- Enter an educational objective here

Training program

Configuration avancée des services réseau

- Advanced features of DHCP and DNS servers.
- Advanced IP address management (IPAM).
- IPAM address spaces.
- Practical work Configure advanced DHCP and DNS features.
- Using IPAM addressing.

Fonctionnalités évoluées du service de fichiers

- Storage with iSCSI technology.
- Optimize bandwidth with BranchCache.
- Optimize storage usage.
- Practical work BranchCache configuration example.
- Configure file services.

Le contrôle d'accès dynamique

- Dynamic Access Control (DAC) overview.
- Using DAC for access control.
- Integrating work folders with the DAC.
- Practical work Example of DAC implementation.

Les services de domaine Active Directory distribués

- Distributed AD DS deployments overview.
- Steps for implementing a complex AD DS deployment.
- AD DS approval.
- Practical work Implementation of distributed AD DS deployments.

Sites Active Directory Domain Services (AD DS) et réplication

- AD DS replication overview.
- Know how to configure AD DS sites.
- Configuring and analyzing AD DS replication.
- Practical work Configuring AD DS replication.

Les services AD CS, AD RMS et AD FS

- The use of certificates and public key infrastructure.
- The importance of a Certification Authority (CA).
- Content protection with AD RMS.
- Service federation with AD FS.
- Practical work Example of using certificates.
- Configuring AD RMS models.
- Configuring AD FS services.

L'équilibrage de charge réseau et Clustering

- Network Load Balancing and NLB Clustering.
- Clustering with Failover.
- Hyper-V for Clustering with Failover.
- Moving the Hyper-V virtual machine.
- Practical work Configure an NLB Cluster, a Failover Cluster and a Failover Cluster for Hyper-V.

La continuité de service et la reprise après sinistre

- How to protect data? Backup solutions.
- Data and server recovery.
- Practical work Implementation of backup and restore example.