

IIS Training: Planning & Implementing a Web Farm (IISAD, 4 jours)

Description

The course Planning & Implementing a Web Farm (IIS Training) explores the design and implementation of a web farm with IIS. The course covers web farm design including the state server, the web front end servers & the redirection server. The training includes the use of PowerShell for automation, routing components, sticky sessions, as well as security, availability & capacity considerations with IIS.

Tarifs

- Tarification: \$3,750/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

Plan de cours

IIS Fundamentals Reviewed

Exploring IIS Architecture
About IIS and .NET Integration
About ASP .NET and IIS
Understanding .NET Configuration Files
The IIS Architecture: Web Sites, Application Pools and Pipelines
Creating and Configuring Application Pools
Creating and Configuring Web Sites
Configuring Basic Security

Advanced IIS

Working with ASP .NET Applications and Services
Working with Modules and Libraries
Setting up for Remote Administration
Setting up a Remote Configuration File
More about Configuration Inheritance
Exploring Advanced Configuration Settings

Planning a Web Farm

Options for Building a Web Farm
Planning Overview
Planning Infrastructure
Planning Configuration
Planning Load Balancing
Planning SSL Certificate Store
Planning Application Deployment

Implementing a Web Farm

Implementation Overview
Installing Web Farm Infrastructure: IIS and ARR
Configuring IIS Web Farm Servers
Configuring IIS Web Farm Load Balancing
Configuring SSL Central Certificate Store
Configuring Application Deployment

Troubleshooting and Monitoring

Implementing Application Monitoring

A Note on Troubleshooting Methodology
Testing Failover and Load Balancing
Common Operational Issues and Solutions

Introduction to PowerShell

The PowerShell Environment
Adding External Libraries
About Execution Scope and Mode
Working with Variables
Working with Conditional Structures
Working with Logical Operators
Working with Repeating Structures
Dealing with Errors

PowerShell and IIS 8.5

Overview of IIS cmdlets
Related Computer Commands
Installation Commands
Configuration Commands
Backup and Restore Commands
Monitoring Commands
Other Commands