



IISWS - Version: 1
22 September 2021

IIS Workshop



IIS Workshop

IISWS - Version: 1

 1 days Course

Description:

In this course, we will learn how IIS works from bottom to top. We will learn about the pipeline architecture of IIS, and how it evolved in recent years. We will learn what is the IIS Application Pool and how to configure it. We will go over some of the familiar features of IIS, such as compression and URL rewrite, and some of its less-familiar features, such as application initialization and under-the-hood configuration. Finally, we will learn how to troubleshoot IIS, using logging tools and Failed Request Tracing. This course covers the newest features of IIS, up to version 10, which is part of Windows 10 / Windows Server 2016.

Intended audience:

Developers and DevOps

Prerequisites:

Objectives:

Topics:

° IIS versions and history

Configuring IIS

- IIS Manager

- Feature delegation
- Command line tools
- Shared configuration

Architecture

- Request pipeline
- Application pool

Pipeline extensibility

- Classic vs. Integrated
- Modules
- Handlers

IIS features and components

- Compression
- Output cache
- URL Rewrite
- Application Initialization

Troubleshooting

- Realtime request monitoring
- IIS Logging
 - Built-in features
 - Advanced logging
 - Log parsing
- Failed Request Tracing
- Performance counters