SAP Gateway - Building OData Services

Cursusduur: 4 Dagen   Cursuscode: GW100

Beschrijving:

This course is designed for developers, architects, and other technical professionals responsible for creating OData services using the SAP Gateway solution. This course covers the latest SAP Gateway 2.0 architecture, OData and consumption of OData services, and identifies various OData services deployment options.
Participants will gain a thorough understanding of how to implement an SAP Gateway Service, learn the SAP Gateway Service Generation model, and perform tasks related to SAP Gateway Service extensibility and the use of the new SAP Web IDE. This course will also cover the SAP Gateway Hub functionalities and implementing SAP Gateway security, as well as advanced OData options, such as function imports, implementation of Expand, Deep Insert, eTags, Batch Processing, offline support and media links.

Doelgroep:

Application ConsultantDeveloperDeveloper ConsultantSolution ArchitectSystem Architect

Doelstelling:

- Describe the SAP Gateway 2.0 architecture and deployment options

- Explain OData protocol and OData services using SAP Gateway

- Describe how to create OData services using SAP Gateway and consumption

- Define how to implement an SAP Gateway Service

- Describe SAP Gateway Service Generation

- Explain SAP Gateway Service Extensibility

- Describe SAP Gateway Hub functionalities

- Describe and work with advanced OData options

- Work in the SAP Web IDE environment

- Explain how to implement SAP Gateway security

Vereiste kennis en vaardigheden:

- BC400 (ABAP Workbench Foundations) or equivalent
- BC401 (ABAP Objects) or equivalent

Cursusinhoud:

SAP Gateway Overview

- Explaining SAP Gateway
- Describing the SAP Gateway Deployment Options

OData Overview

- Explaining REST
- Explaining OData
- Performing OData Operations
- Performing OData Queries

SAP Gateway Service Implementation

- Implementing a Gateway Service
- Defining Data Model
- Implementing Read Operations
- Implementing Navigation
- Implementing Query Options
- Implementing Change Operations

SAP Gateway Service Generation

- Operating the RFC/BOR Generator
- Operating the Search Help Generator
- Redefining a Data Service

SAP Gateway Service Extensibility

- Redefining a Gateway Service

SAP Gateway Hub Functionalities

- Assigning Multiple Back-End Systems Support
- Configuring Routing Capabilities
- Performing Multi-Origin Composition
- Describing Workflow Support

Advanced OData Options

- Implementing Function Imports
- Implementing Expand Operation
- Implementing Deep Insert Operation
- Handle ETags
- Processing Batch Requests
- Explaining Offline Support
- Explaining Media Links
- Describing Server Side Caching

SAP Gateway Security

- Enabling Authentication
- Managing Users

OData Service Consumption

- Consuming OData Services

Extra informatie:

Course based on software release SAP Gateway 2.0 SP08

Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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