INFOSOFT IT SOLUTIONS

Training | Projects | Placements

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IBM API Connect Course Content

Introduction to IBM API Management

- Explain Digital Transformation
- What is API Management?
- Benefit of API Management
- API Management vs Centralized ESB
- Explain IBM API Component
- Cloud Manager
- Development Toolkit
- API Gateway
- Runtime
- Portal
- API Connect terminology

REST API Design

- Concept of REST
- How to define Resources
- HTTP Methods and respected functions on REST
- Best practices on REST design

Setup and Configuration

- Install Toolkit

- Setup Cloud version of Connect

- Runtime for on-premises

- Explain Micro Gateway

- Developer portal

- Configure Topology

- User Management like User,Group, Roles

  Working with Toolkit

- Start the Toolkit

- Create new Project using Designer

- How to add existing project to Workspace

- explorer Toolkit options

  Creating an API definition

- How to create API using Designer

- Composing REST API

- Open API file

- Publish the API

- Defining APIs with SOAP services

- Configure SOAP API definition

- Adding SOAP WSDL

- Explain Swagger Spec for REST API

- Defining API with REST Services

- APIs with the LoopBack framework

- Creating a LoopBack application

- Data sources with connectors

  Policies

- What is Policies

- Built-policies

- Invoke

- JSON to XML

- Proxy

- XML to JSON

- Validate

- Apply Logic Constructs

- User defined Policies

  Error Handling

- What is Error and Exception

- explaining default Error Handling

- Custom Error Handling

  Deployment on API

- Explaining different type of runtime

- Create and Manage API Product

- How to publish API

- Deploy API

  Developer Portal

- What is Portal for API

- Developer Portal User Interface

- How to Registering Application on Portal

- How to Setting notification for application

- Manage/Edit/Delete Application from Portal

- How to search available API and snippets

- Calling API by using CORS

- Testing API using the test tool on portal

- How to use Analytics reports

- Managing Developer and Organization in Portal

- User Management on Developer Portal
- Define Roles and assign to user
- Customize Developer Portal
- Troubleshooting