

Datapower 7.5

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Duration 40 Hours

Course introduction

DataPower deployment environments

Initial setup

Managing firmware

Exercise: Upgrading image firmware

DataPower administration overview

Using CLI and the XML Management Interface to configure appliance access

Exercise: Using the CLI and the XML Management Interface to manage DataPower appliances

DataPower services overview

Using the Web Management Blueprint Console to configure appliance access

Troubleshooting

Exercise: Using the troubleshooting tools to debug errors

DataPower cryptographic tools and SSL setup

Exercise: Securing connections with SSL

Logging and log targets

Exercise: Logging to an external system

Authentication, authorization, and auditing (AAA)

Exercise: Configuring authentication and authorization in a service

OAuth overview and DataPower implementation

Exercise: Defining a three-legged OAuth scenario that uses DataPower services

Social Login support in DataPower

Exercise: Implementing an OIDC client

REST and JSON support for Web 2.0 and mobile applications

Exercise: Using DataPower to implement REST services

JOSE and JOSE support in IBM DataPower

Using the WebGUI to create and verify a JWS

Exercise: Creating and verifying a JWS

Using the WebGUI to create and decrypt a JWE

Exercise: Creating and decrypting a JWE

Using GatewayScript to manipulate a JWS and a JWE

Exercise: Using GatewayScript to work with a JWS and a JWE