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AAA, OAuth, and OIDC in IBM DataPower V7.5

CODE:	DURÉE:	PRIX H.T.:
ZE753G	8 Hours (1 day)	€450.00

Description

This course teaches you the developer skills that are required to configure and implement authentication and authorization support within your IBM DataPower Gateway V7.5 services.

A common requirement for DataPower services is to authenticate the sender of a message, and authorize that sender to request the message's behavior. The AAA action within DataPower provides the basics of the "authenticate, authorize, and audit" support. OAuth is an authorization framework that defines a way for a client application to access server resources on behalf of another party. It provides a way for the user to authorize a third party to their server resources without sharing their credentials. DataPower supports OAuth specifications and protocols, and can provide an OAuth web token service.

OpenID Connect (OIDC) is an authentication layer that runs on top of an OAuth 2.0 authorization framework. DataPower can operate as an OIDC client.

In this course, you learn how to use the configuration options and processing actions to add the AAA support to a service, implement an OAuth 2.0 scenario, and add OIDC support.

Hands-on exercises give you experience working directly with an IBM DataPower gateway. The exercises focus on skills such as configuring a AAA action, configuring a web token service, and creating an OIDC client.

For information about other related courses, see the IBM Training website: <http://www.ibm.com/training>

If you are enrolling in a Self Paced Virtual Classroom or Web Based Training course, before you enroll, please review the Self-Paced Virtual Classes and Web-Based Training Classes on our Terms and Conditions page, as well as the system requirements, to ensure that your system meets the minimum requirements for this course. <http://www.ibm.com/training/terms>

Objectifs

- Describe the AAA framework within the IBM DataPower Gateway
- Explain the purpose of each step in an access control policy
- Configure a AAA action to enforce authentication and authorization policies that are in a AAA information file and in an LDAP server
- Describe the OAuth 2.0 framework
- Explain the role that a DataPower gateway performs in an OAuth 2.0 framework
- Configure the DataPower objects that are used for OAuth 2.0 interactions
- Define Social Login
- Describe how to configure Social Login in DataPower
- Configure an OIDC client

Audience

This course is designed for integration developers who configure service policies on IBM DataPower Gateways.

Prérequis

Before taking this course, you should successfully complete course *Essentials of Service Development for IBM DataPower Gateway V7.5 (WE751G)* or *Essentials of Service Development for IBM DataPower Gateway V7.5 (ZE751G)*. You should also be familiar with AAA, OAuth 2.0, and OIDC concepts.

Programme

Course introduction
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
Course summary

Informations supplémentaires

Prior to enrolling, IBM Employees must follow their Division/Department processes to obtain approval to attend this public training class. Failure to follow Division/Department approval processes may result in the IBM Employee being personally responsible for the class charges.

GBS practitioners that use the EViTA system for requesting external training should use that same process for this course. Go to the EViTA site to start this process:

<http://w3.ibm.com/services/gbs/evita/BCSVTEurl.nsf>

Once you enroll in a GTP class, you will receive a confirmation letter that should show:

- The current GTP list price
- The 20% discounted price available to IBMers. This is the price you will be invoiced for the class.

Dates de session

Date	Lieu	Time Zone	Langue	Type	Garanti	PRIX H.T.
28 Jan 2023			English	Self Paced Training		€450.00

Informations Complémentaires

[Cette formation est également disponible sous forme de formation sur site. Veuillez nous contacter pour en savoir plus.](#)