



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

---

**You can reach us at:**

9201 Dry Creek Rd. Centennial, CO 80112, United States

Email: [arrow\\_learning@arrow.com](mailto:arrow_learning@arrow.com)  
Phone: 303 790 2330



# Web Services Support in IBM DataPower V7.5

<b>CODE:</b>	<b>LENGTH:</b>	<b>PRICE:</b>
WE754G	4 Hours (0.5 days)	\$815.00

## Description

This course is also available as self-paced virtual (e-learning) course Web Services Support in IBM DataPower V7.5 (WE754G). This course teaches you the developer skills that are required to configure WS-Security features and use WSDLs to generate web service proxy services on IBM DataPower Gateway V7.5.

The initial focus of DataPower was on XML and web services workloads, and it continues that support today. As part of that support, DataPower provides the ability to digitally sign and encrypt a message, validate a message's signature, and decrypt an encrypted message. These functions are delivered as processing actions within the service policy. In this course, you learn about these message integrity and confidentiality capabilities, and practice using them in a lab exercise.

Web service operations typically work with WSDL files. DataPower generates a web service proxy directly from a WSDL, bypassing much of the basic configuration of a service to support that WSDL. This course also covers this service type of web service proxy, and gives you an opportunity to work with one in a lab exercise.

## Objectives

- Use the XML Signature and XML Encryption capabilities within DataPower to support WS-Security functions in your DataPower services
- Configure a web service proxy by using a WSDL file to proxy web services-based applications
- Configure the service policy of a web service proxy that supports different behaviors at the various levels of the WSDL

## Audience

This course is designed for integration developers who configure XML and SOAP-based services on IBM DataPower Gateways.

## Prerequisites

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 basic XML, SOAP, and WS-Security concepts.

## Programme

- Course introduction
- XML and web services security overview
- Exercise: Web service encryption and digital signatures
- Web service proxy service
- Exercise: Configuring a web service proxy
- Course summary

## Further Information

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.

## **Session Dates**

On request. Please [contact us](#)

## **Additional Information**

[This training is also available as onsite training. Please contact us to find out more.](#)