

WE761G: Administration of IBM DataPower Gateway v7.6

Course Code: WE761G

Duration: 3 days

Instructor-led Training (ILT) | Virtual Instructor-led Training (VILT)

OVERVIEW

IBM DataPower Gateway Appliances are network devices that help secure, integrate, and optimize access to web, web services, mobile, and API workloads. Through instructor-led lectures and hands-on lab exercises, you learn how to run various administrative procedures, from initial installation and setup through ongoing maintenance of the appliances in production. You learn about the available management interfaces, such as the command-line interface (CLI), Web Management graphical interface, and XML Management Interface. You also learn how to use these interfaces to run various administrative tasks, such as upgrading firmware, running backup and restore operations, and configuring user accounts and domains. The course includes some information on upgrading firmware and working with DataPower hardware appliances.

This course exercises uses the following appliances: DataPower Gateway Virtual Edition Information in the course units also applies to other DataPower appliances.

The lab environment for this course uses the Ubuntu Linux Operating System on an ESX image that runs on the IBM Remote Lab Platform.

SKILLS COVERED

After completing this course, you should be able to:

- Configure an appliance for its initial deployment
- Download and upgrade the firmware on the DataPower appliances
- Create and manage user accounts, groups, and domains
- Configure Secure Sockets Layer (SSL) to and from DataPower Appliances
- Troubleshoot and debug services by using the problem determination tools, logs, and probes that are provided with the DataPower appliance
- Configure logging of messages to external locations

WHO SHOULD ATTEND?

This course is designed for administrators who install, manage, and monitor IBM DataPower Gateway Appliances. The course is also relevant for developers who administer appliances.

PREREQUISITES

You should successfully complete

- Technical Introduction to IBM WebSphere DataPower Gateway Appliances V7 (VW700G, no longer available).

You should also be familiar with: Security-based concepts and protocols Ubuntu Linux Networking protocols

MODULES

Module 1: Course Introduction

Module 2: DataPower Deployment Environments

Module 3: Initial Setup

Module 4: Managing Firmware

- Exercise: Upgrading image firmware

Module 5: DataPower Administration

Overview

Module 6: Using CLI and the XML Management Interface to Configure Appliance Access

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

Module 7: DataPower Services Overview

Module 8: Using the Web Management Blueprint Console to Configure Appliance Access

Module 9: Troubleshooting

- Exercise: Using the troubleshooting tools to debug errors

Module 10: DataPower Cryptographic Tools and SSL Setup

- Exercise: Securing connections with SSL

Module 11: Logging and Log Targets

- Exercise: Logging to an external system

Module 12: Course Summary

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