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Administration of IBM WebSphere DataPower SOA Appliances V6
Information

Length:	3.0 Days
Ref:	WE620G-X
Delivery method:	ClassroomInstructor Led Online
Price:	AUD

Overview

An updated version of this course is available. For more information, click *Administration of IBM WebSphere DataPower Gateway V7 (WE720G)*.

In this course, you learn how to perform system administration tasks for the IBM WebSphere DataPower SOA Appliances. This course focuses on the following appliances:

- WebSphere DataPower XML Security Gateway XG45
- WebSphere DataPower Integration Appliance XI52
- WebSphere DataPower Integration Blade XI50B
- WebSphere DataPower Integration Blade XI50z
- WebSphere DataPower B2B Appliance XB62

Most of the information also applies to other DataPower appliances.

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

Public

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

Prerequisites

- You should successfully complete IBM online course *Technical Introduction to WebSphere DataPower V6* (VW600G) to gain DataPower introductory and overview information that is not covered in this course. You must start this course with the DataPower baseline knowledge gained from attending the introduction course.
- You should be familiar with networking protocols, security, and XML.

Objective

- 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 WebSphere DataPower SOA Appliances
- Manage the migration of service configurations
- Ensure high availability of DataPower appliances by using load balancer groups, clustering, Intelligent Load Distribution, self-balancing, and the On Demand Router
- Manage appliances, domains, and services by using WebSphere Appliance Management Center
- 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

Topics

- Course introduction
- Initial setup
- Exercise: Exercise setup
- Managing firmware
- DataPower administration overview
- Administration interfaces
- Exercise: Using the CLI and the XML management interface to manage DataPower appliances
- DataPower services overview
- Configuring appliance access
- Clustering and failover
- Troubleshooting
- Exercise: Using the troubleshooting tools to debug errors
- DataPower cryptographic tools and SSL setup
- Exercise: Securing connections with SSL
- DataPower caching
- Configuration migration
- Exercise: Managing configuration information
- Appliance management tools
- Exercise: Using WebSphere Appliance Management Center
- Logging and log targets
- Exercise: Logging to an external log system
- Course summary