

BlackBerry Enterprise Server Installation for Microsoft Exchange – 1 day



Course Objectives

This course explains the principles of the BlackBerry Enterprise Server Architecture, enabling the installation and configuration of BlackBerry Enterprise Solutions. The course includes a practical hands on installation of a typical server and in depth discussion of the different installation options and architectures.

Intended Audience

Consultants that will be installing BES, either within their own organisation, or for their clients.

Exercises

This course is instructor led, involving the utilisation of examples and exercises in a workshop environment.

Course Contents

Introduction To BlackBerry Enterprise Server Software Architecture

- Overview
- Introduction to the BlackBerry Wireless Architecture
- BlackBerry Enterprise Server Software Architecture
- Establishing a connection – Handheld to BES
- Overview of the encryption process
- Establishing a new users identity
- Wireless Enterprise Activation

Configuring BlackBerry Enterprise Server

- Enterprise wide configuration
- Configuring individual BES servers
- Configuring multiple servers within a BlackBerry Domain

Installation of BlackBerry Enterprise Server for Microsoft Exchange

- Pre-requisites for Install
- Deciding on the best deployment options for your organisation
- Firewall configuration
- SRP connection – BBSRPTEST.exe
- Installation procedure
- Configuring an external SQL Server

Configuring BlackBerry Router

- Why put the router in the DMZ?
- Firewall configuration
- Installing a stand-alone router service
- Configuring BES to use the new router service

Configuring BlackBerry Attachment Service

- Performance considerations
- How to Install a stand-alone attachment server
- Configuring BES to use the new attachment server
- Configuring the attachment server properties for optimum performance

Upgrading BlackBerry Enterprise Server

- Architecture considerations
- Assessing Risk
- In Situ Upgrade Process
- Phased Transfer Process
- Supporting different versions of BES in the same Domain

Configuring BlackBerry Mobile Data Service

- Performance considerations
- How to Install a stand-alone MDS server
- Configuring BES to use the new MDS server
- Enabling the BlackBerry Mobile Data Service Push Server
- Configuring BlackBerry Mobile Data Service properties