

## Planning and Designing the BlackBerry Enterprise Solution

### Overview

This course is designed to provide participants with the supporting skills and knowledge required to plan and deploy the BlackBerry® Enterprise Solution in an enterprise environment. This course introduces participants to advanced architectural planning and design of the BlackBerry Enterprise Solution. The instructor will also discuss how to implement BlackBerry Enterprise Solution security and how to conduct a business needs analysis. Instructor lecture is enhanced with exercises, discussions and case studies that provide the participants with the opportunity to practice the various concepts taught in the class.

### Who should attend

Those who need to perform advanced planning and deployment of the BlackBerry Enterprise Solution.

### Topics covered

- Examining and planning the BlackBerry Enterprise Solution
- Examining BlackBerry Enterprise Solution advanced security features
- Performing business needs analysis
- Examining wireless network types
- Exploring third-party applications

### Course Details

Course Code: 736-00048-123

Test Code: N/A

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## Course objectives

### Module 1 – Examining BlackBerry Enterprise Solution architecture

- Review BlackBerry Enterprise Solution architecture.
- Review how data flows through the BlackBerry Enterprise Solution.
- Review how data flows through the BlackBerry Enterprise Server.
- Review BlackBerry Enterprise Server architecture.
- List the BlackBerry Enterprise Server versions.
- Discuss best practices for implementing BlackBerry Enterprise Server components.
- Describe the BlackBerry Enterprise Server threading models.
- Discuss factors that may impact the BlackBerry Enterprise Solution architecture plan.
- Describe how to create a deployment strategy.

### Module 2 – Examining BlackBerry Enterprise Solution advanced security features

- Define general security concepts.
- Discuss public key cryptography.
- Describe BlackBerry Enterprise Solution advanced security features.
- Discuss best practices for implementing BlackBerry Enterprise Solution advanced security features.
- Describe how to determine an organization's security needs.

### Module 3 – Performing business needs analysis

- Describe why it is important to perform needs analysis.
- Discuss why it is important to understand an organization's business goals.
- Determine the business goals of the BlackBerry Enterprise Solution project.
- Determine the IT needs of the BlackBerry Enterprise Solution project.

### Appendix A – Examining wireless network types

- List and describe the available wireless network types for BlackBerry devices.
- Describe the purpose of a tethered modem. View BlackBerry MDS Services information.

### Appendix B – Exploring third party applications

- Explain why an organization should be familiar with the available third party applications.
- Describe where to find information on third party applications.