

□

IBM Lotus Domino 8.5 System Administration Fundamentals  
Information

**Length:** 1.0 Day  
**Ref:** D8L75G-X  
**Delivery method:** Classroom  
**Price:** EUR

Overview

This course introduces you to basic concepts that provide the foundation for IBM Lotus Domino 8.5 and IBM Lotus Notes 8.5, and it is the point of entry to the entire core system administration curriculum. This course covers the foundational knowledge needed to perform basic administrative tasks in a Lotus Domino 8.5 infrastructure. This course does not cover how to install, configure, maintain, or troubleshoot a Lotus Domino 8.5 infrastructure.

Public

This is a basic course for current network or mail system administrators who are new to the Lotus Domino 8.5 system administration, but have some experience using the Lotus Notes 8.5 client, and who need to acquire a foundational knowledge and working experience with the Lotus Domino 8.5 administration tools.

Prerequisites

You should have previous experience as a network administrator **or** mail system administrator, **and** experience using the Lotus Notes 8.5 client.

Objective

- Describe the structural components of the IBM Lotus Domino 8.5 Environment.
- Perform basic IBM Lotus Domino 8.5 administration.
- Manage IBM Lotus Notes and IBM Lotus Domino security.
- Describe Domino mail routing and mail routing topologies.
- Describe Lotus Domino replication and replication topologies.
- Identify services and options that you can use to extend and enhance the functionality of the Lotus Domino environment

Topics

**Lesson 1: Introducing the IBM Lotus Domino 8.5 Environment**

Topic 1A: Examining the IBM Lotus Domino 8.5 Architecture

- IBM Lotus Domino Architecture
- Client and Server Architectural Components
- Server Documents
- Lotus Domino Server Types
- Default Location Documents
- Client Types
- Overview of Lotus Notes 8.5 Features

#### Topic 1B: Investigating IBM Lotus Domino Applications

- The Object Store
- Components of Lotus Domino Applications
- Database Types and Applications
- Composite Applications
- Required Server Applications
- The Lotus Domino Directory
- Lotus Domino Domains
- Single vs. Multiple Domains

#### Topic 1C: Exploring IBM Lotus Domino Server Functionality

- Categories of Lotus Domino Services
- Core Lotus Domino Services
- Server Tasks
- Lotus Domino Advanced Services

### **Lesson 2: Performing Basic Administration Tasks**

#### Topic 2A: Starting IBM Lotus Domino Administrator

- Lotus Domino Administration
- Lotus Domino Administration Tools
- The Lotus Domino Administrator Interface

#### Topic 2B: Using Online Help

- Online Help Resources

#### Topic 2C: Navigating in IBM Lotus Domino Administrator

- Lotus Domino Administrator Tabs
- The Person Document
- Groups

- Tasks on the People and Groups Tab
- Tasks on the Files Tab
- Tasks on the Server Tab
- Tasks on the Messaging Tab
- Lotus Domino Replication
- Tasks on the Replication Tab
- Tasks on the Configuration Tab

## Topic 2D: Setting Administration Preferences

- Administration Preferences

## Topic 2E: Introduction to Policies

- Policies
- Policy Documents
- Settings Documents

## **Lesson 3: Examining IBM Lotus Notes and IBM Lotus Domino Security**

### Topic 3A: Identifying IBM Lotus Domino Security Components

- IBM Lotus Domino Terminology
- Organizations
- Organizational Units
- Organization Certifiers

### Topic 3B: Designing a Hierarchical Naming Scheme

- Hierarchical Naming
- Components of a Hierarchical Name
- Hierarchical Naming Example
- Organizational Unit Naming Recommendations
- Separate Server OUs
- Server Naming Recommendations
- Server Host Names and Common Names
- User Naming Recommendations
- Planning a Hierarchical Naming Scheme
- How to Design a Hierarchical Naming Scheme

### Topic 3C: Authenticating with IBM Lotus Domino Servers

- Security Controls

- Certificates and ID Files
- Types of Certificates
- ID Files
- Components of an ID File
- Common Certificates
- How Certificates are used in Authentication
- The ID Vault Feature
- How to Create an ID Vault

### Topic 3D: Controlling Access to Resources

- Introduction to Lotus Domino Access Controls
- Access Control Lists
- Roles
- How IBM Lotus Domino Controls Access
- Stages of Access Control
- Security Using Groups
- Group Types
- Best Practices for Creating Groups

### Topic 3E: Determining Database Access Levels

- Access Control List Levels

### Topic 3F: Determining Workstation Security Levels

- Execution Access
- The Execution Control List

## **Lesson 4: Examining IBM Lotus Domino Mail Routing**

### Topic 4A: Introducing IBM Lotus Domino Messaging

- Lotus Notes Named Networks
- Mail Routing and Lotus Notes Named Networks
- Mail Routing Protocols
- Mail Routing Components
- Mail Settings that Affect Routing
- The Mail Routing Process
- Router Optimizations in Lotus Domino 8.5

### Topic 4B: Designing a Mail Routing Topology

- Mail Routing Topologies
- Topology Types
- Hub and Spoke Topology Considerations
- How to Design a Mail Routing Topology

## **Lesson 5: Examining IBM Lotus Domino Replication**

### Topic 5A: Introducing IBM Lotus Domino Replication

- What is Domino Replication?
- Components of the Replication Process
- The Server-to-Server Replication Process
- Replication Tools
- The Workstation to Server Replication Process
- Database Replicas
- The Database Replication Process
- Streaming Replication
- The Field Level Replication Process
- Factors that Affect Replication

### Topic 5B: Designing a Replication Strategy

- Types of Replication Topologies
- Server Replication Types
- Replication vs. Routing Topologies
- Considerations for Choosing a Replication Type
- How to Design a Replication Strategy

## **Lesson 6: Extending the IBM Lotus Domino Environment**

### Topic 6A: Selecting Additional IBM Lotus Domino Services

- Lotus Domino Standard Services
- Lotus Domino Internet Security Mechanisms

### Topic 6B: Implementing IBM Lotus Domino Scalability Features

- Scalability Options
- Lotus Domino Clusters
- Benefits of Clustering
- Lotus Domino Partitions
- Benefits of Partitions

## Topic 6C: Integrating Other IBM Products

- IBM Lotus Sametime
- IBM Lotus Connections
- IBM Lotus Quickr

□