



Course Outline

System Admin.

## IBM Lotus Domino 8.5 System Administration Fundamentals

<b>COURSE CODE</b>	D8L75PH
<b>PRODUCT</b>	Notes/Domino
<b>RELEASE</b>	8.5
<b>DELIVERY METHOD</b>	Instructor led
<b>DURATION</b>	1 day
<b>FEE</b>	Php 37,230.00 plus VAT

### SUMMARY DESCRIPTION

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.

### TOPICS

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

#### **Investigating IBM Lotus Domino Applications**

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

#### **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 Starting IBM Lotus Domino Administrator**


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


#### **Using Online Help**

- Online Help Resources

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 (632) 637-1925 to 26

 (632) 634-1679

 info@interlink.com.ph



## TOPICS (continued)

### **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

### **Setting Administration Preferences**

- Administration Preferences

### **Introduction to Policies**

- Policies
- Policy Documents
- Settings Documents

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

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

### **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

### **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

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**TOPICS (continued)**

**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

**Determining Database Access Levels**

- Access Control List Levels

**Determining Workstation Security Levels**

- Execution Access
- The Execution Control List

**Lesson 4: Examining IBM Lotus Domino Mail Routing  
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

**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  
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

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### TOPICS (continued)

#### 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 Selecting Additional IBM Lotus Domino Services

- Lotus Domino Standard Services
- Lotus Domino Internet Security Mechanisms

#### Implementing IBM Lotus Domino Scalability Features

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

#### Integrating Other IBM Products

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

### AUDIENCE

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.

### PREREQUISITE


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


### SKILLS TAUGHT


#### Upon completing the course, you should be able to:

- 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

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