CO1 COMPENDIUM CENTRUM EDUKACYJNE

Training: Micro Focus
eDir250 - eDirectory Administration

TRAINING GOALS:

The eDirectory Administration course is designed to help eDirectory administrators become familiar with and proficient in most aspects of eDirectory that are necessary to manage an eDirectory implementation such as directory design concepts, database structure, management tools, data access, and synchronization concepts. As a review, a course appendix is provided that covers fundamental eDirectory concepts such as installation, object administration, directory rights, and partitions and replicas.

Upon completion of the course, the student should feel comfortable with eDirectory as an enterprise-wide directory database. The student should be able to manage eDirectory objects and understand how to access directory data through native protocols and through Lightweight Directory Access Protocol (LDAP). The student will know how to utilize basic troubleshooting procedures and how to monitor and repair eDirectory processes and data.

Audience/Job Roles

The audience for the eDirectory Administration includes newly-assigned eDirectory system administrators, training partners, technical-support staff, and network integrators.

CONSPECT:

- eDirectory Administration
- eDirectory Evolution
    - Design eDirectory for Large-Scale NOS Environments
    - Design eDirectory for eBusiness
    - Design eDirectory for Identity Vaults
    - Leveraging eDirectory
- eDirectory Architecture
    - eDirectory Origins - the X.500 Standard
    - The eDirectory Database Engine
    - Database Structure Partition Records
    - Entry Records
    - Value Records
    - Record Relationships

- eDirectory Partitions
  - System Partitions User Defined Partitions
- eDirectory Management
- iMonitor
  - iMonitor Architecture
  - iMonitor Modes of Operation
  - iMonitor Configuration Files
  - iMonitor Navigation
  - Advanced iMonitor Features
  - iMonitor Reporting
- iManager
  - Role Based Services
  - iManager Plug-in Support
  - The Plug-in Studio
  - Customizing the iManager Interface
- The eDirectory Management Toolbox
  - eMBox Tools
  - The eMBox Command Line Client
  - The eMBox Graphical Interface
  - eMBox access through iManager
  - eDirectory Backup
- DSREPAIR
- Linux and UNIX Commands
- eDirectory Access
  - LDAP
  - LDAP Data Interchange Format (LDIF)
  - The Import Convert Export Utility (ICE)
- eDirectory Background Processes
  - Replica Synchronization
  - Database Initialization
  - Limber Process
  - Schema Synchronization
  - Backlinker Process
  - Obituary Process
  - Janitor Process
  - Purger Process

- Flat Cleaner Process
- eDirectory Customization
  - eDirectory Cache Tuning
  - Indexing
  - Schema Auxiliary Classes
  - Encrypted Replication
  - Encrypting Attributes
  - Multiple Instance Install
- eDirectory Troubleshooting
  - eDirectory Health Checks
  - DSTRACE
  - DSTRACE History
  - DSTRACE Concepts
  - Platform-Specific DSTRACE Usage
  - DSTRACE using iMonitor
  - Using DSTRACE Effectively
- APPENDIX - eDirectory Fundamentals
  - Install eDirectory
  - Objects in the eDirectory Tree
  - Configure eDirectory Rights
  - Create and Manage Partitions with iManager

REQUIREMENTS:

Students taking the course should be familiar with the basics of Linux and Windows server navigation and management. Understanding directory database concepts such as trees, containers, leaf objects and partitions will be a big plus for students. Networking and VMware skills are also useful.

Difficulty level

CERTIFICATE:

The participants will obtain certificates signed by Micro Focus (course completion).

TRAINER:

Authorized Micro Focus Trainer