

LNP Dataserver™ Software

Course Title: LNP DataServer System Administration & User Training

Overview: LNP DataServer from Evolving Systems, Inc. is an application that replicates and stores data found in SOA and LSMS databases and makes it available to the customer for as long as necessary.

After replication occurs, LNP DataServer stores the data independent of the SOA and LSMS applications.

In this course, participants will learn how to set up and control the LNP DataServer and UNIX® operating system. Participants will learn how to perform UNIX system administration for LNP DataServer, set up application configurations; perform user administration; generate reports through SQL and through Oracle® reporting tools; resolve LNP administration problems, and manage archiving and restoring LNP data. It should be noted that this course does not cover Oracle database administration.

Audience: This course is valuable for individuals who:

- ◆ administer the LNP DataServer application
- ◆ generate reports for FCC and business reporting requirements

Pre-requisites: Participants should have:

- ◆ a basic knowledge of:
 - ⇒ Local Number Portability
 - ⇒ service provisioning in a telephony environment
- ◆ general computer operation, UNIX, and SQL skills

Course Duration: 2 days

Training Location: Denver, CO

Course Hours: 9:00 AM – 4:30 PM

Maximum Class Size: 9 Participants

Contact: Your respective Customer Manager:

Gretchen Everhart +1 303 802 1190, Karen Mahoney +1 303 802 2040 Keagan O'Rourke +1 913 789 9186, Kevin Zink +1 303 802 1187



Course Outline:

- ◆ **Introducing LNP DataServer**
 - ⇒ Understanding local number portability
 - ⇒ Types of LNP ports
 - ⇒ Meeting requirements for LNP
 - ⇒ Introducing LNP DataServer
 - ⇒ Examining system architecture
- ◆ **Configuring LNP DataServer**
 - ⇒ Introducing data replication
 - ⇒ Understanding the replication server process
 - ⇒ Configuring LNP DataServer
- ◆ **System Administration**
 - ⇒ Understanding the LNP DataServer system
 - ⇒ Locating files and directories
 - ⇒ Running LNP DataServer
 - ⇒ Setting up users
 - ⇒ Finding release information
 - ⇒ Monitoring the system
 - ⇒ Maximizing database resources
 - ⇒ Backing up and restoring
- ◆ **Generating Reports**
 - ⇒ Understanding data view reports
 - ⇒ Using reporting tools
 - ⇒ Generating reports
 - ⇒ Understanding core reports
 - ⇒ Understanding licensed reports
- ◆ **Accessing Core Views**
 - ⇒ Introducing data views
 - ⇒ Accessing LNP data
- ◆ **Accessing Licensed Views**
 - ⇒ Introducing licensed views
 - ⇒ Meeting the requirements for FCC reporting
 - ⇒ Understanding port negotiation views
 - ⇒ Understanding provisioning episode views
 - ⇒ Using additional licensed views
 - ⇒ Accessing LNP data
- ◆ **Service Bureau Metrics Views**
 - ⇒ Introducing service bureau metrics transaction views
 - ⇒ Introducing service bureau metrics data storage views
- ◆ **Service Bureau Billing View**
 - ⇒ Introducing service bureau billing view
- ◆ **National Number Pooling Block Data Views**
 - ⇒ Introducing National Number Pooling Block Data views
- ◆ **EDR Metrics Data Views**
 - ⇒ Introducing EDR Metrics Data views
- ◆ **Auditing LNP Data**
 - ⇒ Introducing the audit server process
 - ⇒ Auditing data
 - ⇒ Repairing discrepancies
- ◆ **Archiving, Restoring, and Deleting Data**
 - ⇒ Managing replicated data
 - ⇒ Archiving data
 - ⇒ Restoring data
 - ⇒ Deleting data
- ◆ **Appendix A**
 - ⇒ Configuration File
- ◆ **Appendix B**
 - ⇒ Data view report samples