

# IBM NETEZZA COURSE CONTENT

## Course Content

- NPS AMPP Architecture & Various Netezza appliance models
- Netezza High Availability Architecture (Clustering, Mirroring, failover)
- Installing Netezza system and client softwares
- Installing Netezza Emulator for day-to-day practice
- NzAdmin: GUI Admin Tool (Installation & Setup)
- Netezza Command Line Interface (CLI)
- Manage NPS with CLI commands
- Manage User access to Netezza Databases
- Monitoring Netezza and Linux logs
- Netezza Events (Setup & Monitoring)
- Databases & Tables
- Data Distribution (Hash, Random), Cluster Base Tables, Table Skew
- Generate Statistics, Zone Maps, Materialized Views, Groom Table
- Backup & Restore (Host Level, Database Level, Table Level)
- Database Refreshes & Migrations
- Netezza Appliance migration (For Example: 6.x to 7.x migration)
- Data Loading/Unloading using External Tables, NZLOAD, NZ\_MIGRATE
- Data Loading/Unloading using GUI Tools
- Optimizer and query plans
- Query history collection & Reporting
- Netezza Replication/DR Architecture
- Techniques to improve Netezza performance
- Frequent DBA activities such as SPU replacements, etc
- ODBC/JDBC/OLEDB Client Connectivity
- Working with IBM Netezza Support to resolve issues