Hands-On

Nortel-Avaya SL-100 OAM

Operations, Administration and Maintenance

Course Description

This extensive course will provide the skills required to perform testing and maintenance of trunks in the SL-100 Switch and will provide skills required to troubleshoot and correct area code trouble tickets. Will familiarize technicians in the maintenance administration position (MAP) and get familiar with the maintenance system (MAPCI, MTC).

Also familiarize with file systems (SLM) and with the usage of the SL-100 documentation (which includes all circuit pack descriptions and functions of every component in the SL-100 switch given to every student on a flash drive by BTS). Testing of trunks and correcting trunk troubles are also covered and be able to generate manual back-ups monthly. This course will also cover a major oversight in a lot of switches to safely replace defective circuit packs in SL-100 switch and more...

Students Will Learn

- **SL-100 System Family Switch Layout (High Level Overview)**
- **Introduction to the Maintenance Administration Position (MAP)**
- **Important CI-Commands**
- **Familiar with Usage of the SL-100 Documentation (Incl. all circuit pack descriptions and functions of every component in the SL-100 switch, given to every student on a flash drive)**
- **Testing of Trunks and Correcting Trunk Troubles**
- **Safely Replace Defective Circuit Packs in SL-100 Switch.**
- **Familiarize with Navigating the MAPCI Position**
- **Troubleshoot Trunk Area Code Troubles, and Correct Issues.**
- **Knowledgeable with Maintenance System (MAPCI, MTC)**
- **TRUNK Tables and Change Area Codes**
- **Familiarize with MAPCI Levels**
- **Familiarize with DRA Provisioning**
- **Generating Manual Back-Ups**
- **Perform Tape Back-Ups to SLM Drives monthly**
- **Familiarize with DPP for AMA and Copy AMA Files**
- **File system (SFDEV, MTD, DDU, SLM)**
- **Logs within DMS (LOGUTIL)**
- **Maintenance of Input-/Output devices, Peripheral Modules**
- **Configure and maintain the DIRP Subsystems**
- **LOGs and OMs**
- **And More...**

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Target Audience

Technical staff responsible for day-to-day operation of the SL-100.

Prerequisites

Students need to have knowledge of SL-100 Switch Maintenance, be familiar with technicians everyday duties and have understanding of TRUNK TABLES and be able to use and edit commands would be helpful.

Course Outline

This course will be tailored to customer specific requirements.

Notes

For this specific course the BTS Instructor and students will need remote and physical access to a SL-100 switch for non-intrusive exercises for this training.

Delivery Method

Instructor-Led with numerous Hands-On exercises and activities.

Equipment Requirements
(This apply's to our hands-on courses only)

BTS always provides equipment to have a very successful Hands-On course. BTS also encourages all attendees to bring their own equipment to the course. This will provide attendees the opportunity to incorporate their own gear into the labs and gain valuable training using their specific equipment.

Course Length

5 Days