Course Outline of Cisco Service Provider Mobility Foundation and Intermediate LTE (LTE201)

Mobility Foundation

- Hardware Architecture

  o ASR 5500 Hardware Architecture

  o ASR 5000 Hardware Architecture

  o Cisco Virtualized Packet Core–Single Instance (VPC-SI) Overview

  o Cisco Virtualized Packet Core–Distributed Instance (VPC-DI) Overview

- StarOS Software Architecture

  o StarOS Evolved Packet Core (EPC) Software Architecture

  o Initial System Setup

  o Introduction to the StarOS CLI

  o Global Configuration Settings

  o Configuration Terminology

- Troubleshooting

  o ASR 5500 Hardware Troubleshooting

  o ASR 5000 Hardware Troubleshooting

  o VPC Troubleshooting

  o Software Troubleshooting

  o Logging and Threshold Crossing Alarms

Mobility Intermediate

- EPC Overview

- MME Service Administration

- SGW Function, Operation, Configuration

- PGW Configuration

- Configuring Gateway GPRS Support Node (GGSN) Collocated Services

Lab outline

- Introduction to the Command Line Interface

- Configure Logging and Threshold Crossing Alarms

- Configure Contexts and Interfaces

- Configure MME

- Configure the SGW Service

- Configure the PGW Service

 Configure GGSN Service