

**Course Name: MTCUME**

**Course Time: 16 Hrs.**

**Course Prerequisites: MTCNA Certificate**

**Course Outline:**

❖ **PPP**

- PPP Profile + LAB
- PPP Secret + LAB
- IP Pool

❖ **PPTP/L2TP**

- PPTP and L2TP
- PPTP Client configuration + LAB
- PPTP Server configuration + LAB
- L2TP Client configuration + LAB
- PPTP Server configuration + LAB

❖ **PPPoE**

- PPPoE server and client
- PPPoE client configuration + LAB
- PPPoE Server configuration + LAB
- Encryption + LAB
- Interface ECMP

❖ **PPP Bridging**

- L2TP and EoIP + LAB
- L2TP and VPLS + LAB
- L2TP and BCP + LAB
- Multilink Protocol
- MLPPP [optional]

❖ **IPSec**

- Introduction
- IPSec Peer
- Policy
- Installed-SA
- Create IPSec between two routers with NAT + LAB

❖ **HotSpot**

- Introduction
- HotSpot Login Methods + LAB
- Users + LAB
- Monitor Users
- Profile + LAB
- Bypass HotSpot
- Customize HotSpot + LAB

❖ **RADIUS**

- RADIUS client + LAB
- RADIUS server
- User Manager + LAB
- RADIUS incoming



**NOORAN**  
telecommunication