MTCRE

Course Name:	MTCRE
Course Duration:	40 hours
Requirements:	TCP/IP Basic
Who Should Take This Course:	Network engineers

Syllabus Course

DHCP server and client + LAB

Vlan and managed switch

Vlan and switch chip configuration on Rbs + LAB

OSPF

What is OSPF?

How OSPF protocol works (Hello protocoL

Database distribution and LSA types

OSPF network structure (Areas, Router types)

OSPF neighbors and neighbor states

(DR and BDR election) + LAB

External Route Distribution methods (type1, type2) + LABT

OSPF and multicast (problems with NBMA)

Stub, NSSA and area ranges (route aggregation) + LAB

Virtual links, usage and limitations + LAB

OSPF routing filters and limitations + LAB

MME

Quick introduction of MME as an alternative to

OSPF over wireless network

Static Routing

More specific routes/li>

ECMP + LAB

How to force gateway over specific interface

Gateway reachability check and route distance + LAB

Routing mark and route policy + LAB

Recursive next-hop and scope/target-scope usage + LAB

Point to point addressing

PtP address configuration + LAB

VPN

What is VPN?

Different types of VPN

Site to site connectivity with tunnels

(IPIP, EoIP, PPTP,SSTP, L2TP) + LAB

Vlan and it's usage

QinQ implementation + LAB