MTCTCE

Course Nane:	MTCTCE
Course Duration:	16 hours
Requirements:	MTCNA
Who Should Take This Course:	Network engineers

Syllabus Course

Packet flow diagram

Why this diagram is necessary?

Full overview of all things covered by diagram

Simple examples how packet travels through the diagram
(routing, bridging, connection to router etc.)+ LAB

More complex examples of diagram usage +LABr

Firewall filter/nat/mangle

Connection tracking

Filter + LAB

NAT + LAB

Mangle + LAB

uPNP

Some complicated rule "conditions" covered ("advanced", "extra" tab) + LAB

Quality of Service

HTB

Burst + LAB

Queue types

Simple queues + LAB

Simple queue and queue tree interaction

DNS client/cache

Basic configuration + LAB

Static DNS Entry + LAB

DHCP client/relay/serve

DHCP communication analysis

DHCP-client identification/ configuration + LAB

DHCP server configuration: + LAB