





	Applications
٠	RFC1812 Compliant IP Packet Processing
	 L2/L3 header processing
	IP forwarding table lookup
	Access control list
	TTL update
	Checksum update
	L2 encapsulation
	Packet fragmentation/reassembly
	IP Options field parsing
	ICMP packet processing
٠	Advanced IP Packet Processing
	MPLS: FEC to tunnel mapping, label popping/pushing, label swapping
	DiffServ: traffic conditioning including metering, policing,
	marking/remarking
	Policy/firewall filteirng
	L3 VPN
	• NAT
	ATM/FR interworking
	NeXtworking'03 June 23-25,2003, Chania, Crete, Greece The First COST-ISTI(EU)-NSF(USA) Workshop on EXCHANGES & TRENDS IN NETWORKING Che 4















