Cisco NT Cheat Sheet

by IFK2017 (IFK2017) via cheatography.com/110960/cs/21604/

Basic Mode Switch Commands

Router> enable	Privileged EXEC
Router# configure terminal	Global Configuration
Router(config)# interface G0/1	Interface Configuration G0/1
Router(config)# interface type sub interface number	Sub-Interface Configuration
exit	back one mode
<Shift> and <Ctrl> and 6 then x	Suspend or abort

Info Commands

show ip protocols	Show Routing protocol infos
debug ip rip	enable rip update infos every 30a
show hosts	show configured hosts
show interface brief	show current interface config for all interfaces
show version	View version information
show running-config	View current configuration (DRAM)
show startup-config	View startup configuration (NVRAM)
show flash	Show IOS file and flash space
show log	Shows all logs that the router has in its memory
show interface e0	View the interface status of interface e0
show cdp neighbor	Display a summary of connected cdp devices
show cdp entry *	Display detailed information on all devices
show ip protocols	Display current routing protocols
show ip route	Display IP routing table
show access-lists	Display access lists, this includes the number of displayed matches
show frame--relay map	Display the frame inverse ARP table
show frame--relay pvc	Check a Frame Relay PVC connections
show frame--relay lmi	show lmi traffic stats

all in Router#

Basic Config

Router(config)# ip host HOST IPADDRESS	add new host with ip=IPADDRESS
Router# copy running-config startup-config	save running configuration in NVRAM
Router# erease startup-config	delete startup config, after next restart router will be back to default
Router(config)#ip route REMOTEIP REMOTESUBNET NEXTHOPIP COST	add static route to remote network with specific cost

Interface Config

Router(config)# int s0/1	open interface s0/1
Router(config-if)# ip address IPADDRESS SUBNETMASK	set IP address of interface
Router(config-if)# no shut	change interface to up

Routing (RIP)

Router(config)# router rip	enable rip
Router(config-router)# version 2	rip version
Router(config-router)# network IPADDRESS	add network to rip routing (IPADDRESS = Netzadresse)
Router(config-router)# neighbor IPADDRESS	Defines a neighboring device with which to exchange routing information
Router(config-router)# no auto-summary	turn off auto-summary
Router(config-router)# passive-interface g0/0	prevent the interface from sending out routing updates TO g0/0 but allow the interface to receive updates FROM g0/0
Router(config-router)# end	back to privileged exec

Reihenfolge Config

Endgeräte

Interface "außen" (Richtung Endgerät)

Interface "innen"

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