Cheatography

Brocade vRouter (Vyatta) Information Gathering Cheat Sheet

by Ben Mason (suidroot) via cheatography.com/26294/cs/7318/

Brocade Vyatta Documentation

Official Documentation is located at: http://www.brocade.com/content/html/en/administration-guide/vyatta_5400_manual/wwhelp/wwhimpl/js/html/wwhelp.htm

System Information

show system storage	Current Disk utilization
show system memory	Current memory utilization
monitor log	Display log in realtime
show log tail <NUMBER>	Display last NUMBER is lines
show version	Display current software version
ls -lh /var/log	List log file on disk

Configuration - Display

show configuration	Display configuration
show configuration commands	Display configuration in command format
show system commit	Display list of recent commit
show system commit diff **rev-num**	Display changes applied in specific commit

Configuration - Edit

configure	Enter Configuration Mode
commit	Apply Changes to running configuration
save	Save Applied changes to Startup configuration
discard	Discard unapplied changes and Exit Configuration mode
show	Show configuration with changes configuration
set *arguments*	Add new item to configuration
delete *arguments*	Remove item to configuration

Interfaces

show interfaces	Interface IP information
show interface ethernet detail	Detailed interface counters
monitor interfaces	Interface usage
show arp	Device ARP table
clear interfaces counters	Clear interface counters

Firewall

show firewall	Display firewall rule configurations
show firewall [name **name**] [rule **rule-num** | statistics]]	Display information for specific firewall rule set and/or specific rule
clear firewall {name *name*} [rule *rule-num*] counters	Clear firewall rule counters

NAT

show nat [destination | source] rules	Show configured NAT rules
show nat [destination | source] statistics	Show statistics for configured NAT rules
show nat [destination | source] translations	Show active NAT translations

'destination' or 'source' must be specified in the command

VPN - IPSec Point to Point

show vpn ike sa [peer *peer*]	Display Phase 1 SAs
show vpn ipsec sa [peer *peer* [tunnel *tunnel*]]	Display Phase 2 SAs and Tunnels
show vpn ipsec sa detail [peer *peer* [tunnel *tunnel*]]	Display Detailed Phase 2 SAs and Tunnels
show vpn ipsec sa statistics [peer *peer* [tunnel *tunnel*]]	Display Phase 2 statistics for peers and Tunnels
reset vpn ipsec-peer **peer** [tunnel *tunnel*]	Reset a specific Peer and/or Tunnel

Routing

show ip route	Device IP Routing Table
show ospf4 neighbor	OSPF neighbors
show ospf4 database	OSPF Database

Failover

show vrrp	Display current VRRP failover status
show config-sync status	Display configuration synchronization status
show config-sync difference	Display configuration differences between peers

These are useful commands if there are two Vyatta's configured for failover



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