

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 <i>arguments</i> | Add new item to configuration |
| delete <i>arguments</i> | 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 <i>name</i> } [rule <i>rule-num</i>] 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 <i>peer</i>] | Display Phase 1 SAs |
| show vpn ipsec sa [peer <i>peer</i> [tunnel <i>tunnel</i>]] | Display Phase 2 SAs and Tunnels |
| show vpn ipsec sa detail [peer <i>peer</i> [tunnel <i>tunnel</i>]] | Display Detailed Phase 2 SAs and Tunnels |
| show vpn ipsec sa statistics [peer <i>peer</i> [tunnel <i>tunnel</i>]] | Display Phase 2 statistics for peers and Tunnels |
| reset vpn ipsec-peer peer [tunnel <i>tunnel</i>] | 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

