

Process Information

get system performance status	General performance Information
diag sys top [sec] {number}	Process list Sort with P (CPU) /M(Memory)
diag sys top-summary [sec]	Process list with grouped processes and shared memory
diag debug crashlog read	Crash log

High availability

execute ha manage [index] [admin]	Jump to cluster member
get sys ha status	Information about current HA status
diag sys ha dump-by vcluster	Show cluster member uptime
diag sys ha reset-uptime	Reset cluster member uptime, triggers failover!!!!!!!
diag sys ha checksum cluster	show config checksums of all cluster members
diag debug appl hatalk -1	Debugging of HA-Talk protocols
diag debug appl hasync -1	Debugging of HA-Sync protocols

FQDN

diagnose test application dnsproxy 6	Dump FQDN cache
diagnose firewall fqdn list	List all FQDN

Traffic Shaper

diag firewall shaper traffic-shaper list / stats	Traffic shaper list / statistics
diag firewall shaper per-ip-shaper list / stats	Per IP traffic-shaper list / statistics

VDOM

config vdom / edit <vdom-name> e>	change to vdom <vdom-name>
sudo global / vdom-name / execute / show / get	Sudo-command to access global / VDOM Settings directly

General debugging

diag debug appl [appl-name] [debug_level]	Realtime debugger for several applications
diagnose test appl [appl-name] [test_level]	Monitor proxy operations
diag debug console timestamp enable	Enables timestamp in console
diag debug enable diag debug disable	Enable/disable output for "diag debug" and "diag ip" commands
diag debug reset	Reset debug levels

Packet Sniffer

diag sniffer packet [if] '[filter]' [verbose] [count] [ts]	Packet sniffer. Use Filters! Verbose levels 1-6 for different output
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Flow Trace

diag debug flow show iprop enable	diag debug flow show fun enable	diag debug flow trace start [packet count]	Debug command for traffic flow
diag debug flow filter [filter]			Use filters to narrow down search results

Firewall session troubleshooting

diag sys session filter	Filter for session list
diag sys session list[expect]	Lists all (or expected) sessions
diag sys session clear	Clear all / filtered sessions
diag sys session stat	Sessions statistics, memory memory tension, ephemral drops
diag firewall iprop clear 100004 [id]	Resets counter for all or specific firewall policy id



Fortiguard Distribution Network (FDN)

update.fortiguard.net	service.fortiguard.net	support.fortinet.com	**URLs to access the FortiGuard Distribution Network (FDN)
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Signature Update

diag debug rating	Webfilter / AntiSpan Server information
diag autoupdate versions	Detailed versions of packages
diag debug appl update -1 exec update-now	Troubleshooting update process

IPS

diag ips anomaly list	Lists statistics of DoS-Policies
diag ips packet status	IPS packet statistics
diag test appl ipsmonitor 2	Enable / disable IPS engine
diag test appl ipsmonitor 5	Toggle bypass status
diag test appl ipsmonitor 99	Restart all ipsengine and monitor



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