

## Quantum Spark | Cheat sheet



Deamon	Location	Software Blade	Command
sfwd (policy installation, logging etc.)	\$FWDIR/log/sfwd.elg	force an Anti-Virus update	online_update_cmd -b AV -o update
cposd (os operations)	\$FWDIR/log/cposd.elg	force an Application Control update	online_update_cmd -b APPI -o update
Watchdog	\$FWDIR/log/cpwd.elg	force an IPS update	online_update_cmd -b IPS -o update
Bootlog	/var/log/log/boot_log.elg		
Vpnd (IPsec VPN)	\$FWDIR/log/vpnd.elg	Check number of connections	fw ctl pstat
(real time database daemon)	/pfrm2.0/etc/rtddb.conf	Check number of connections	fw -s -t connections
lightweight SSH server	Dropbear	CPU load per core	mpstat -P ALL
Check	Command	Connections & Load	Command
Check dsfw	ps auxw	Check config load status	configload_status
Check memory	vmstat -s -S M	Memory	vmstat -s -S M
Create disk space	df -k	Check policy status	fw stat
Mount SD card or USB	mount	Log files & core dumps	Command
Configuration	Command	Check core file location	ls -la /logs/
Copy configuration	# clish -A -i -c "show configuration" -v >> /var/log/config.txt	Create cpinfo	cpinfo -z -o mycpinfo
Disable FTCW	# set property first-time-wizard once # set property first-time-wizard off	Create diag	Clish > mydiag.txt
Zero Touch & SMP	Command	Display message	dmesg > mydmesg.txt
Test Zero Touch	test zero-touch-request [save-config-as file]	Logs	/var/log/messages
location	location /storage/zt_cfg.clish	Uboot	show diag
File location	tmp/log zero touch.log & tmp/log zero touch.elg	Debug & Troubleshoot	Command
Quick clean for Zero Touch deployment	Disconnect cloud services. From clish, run delete internet-connection Internet1. From expert, run sqlcmd 'update ftwConfig set ftwFlag="0"' kill cloudDeployment.sh process if it exist	Show dropped connections	fw ctl zdebug drop
Change Zero Touch address	CLISH: set cloud-deployment cloud-url <url>  Expert: sqlcmd "update cloudDeployment set cloudUrl='<url>'"	Stats of number of connections	cpstat fw
Check connection to SMP	smp_connectivity_test.lua	Debug of security daemon	w debug sfwd on TDERROR_ALL_CIU=5 fw debug sfwd on TDERROR_ALL_OnlineUpdateLib=5 fw debug sfwd on TDERROR_ALL_FDT=5
File location after load of Zero Touch	/pfrm2.0/bin/zero_touch_pre_conf.clish	Zero Touch debug	agbn_ssh_tunnel.sh
Add external log Server and SMP	add cloud-external-log-server ipv4-adress <log server ip> sic-name	Backup & Firmware	Command
File priorities	1. zero_touch_pre_conf.<macAddress>.clish Example: zero_touch_pre_conf.00-1C-7F-7-DA-E8.clish 2. zero_touch_pre_conf.clish	Backup	/logs/backup_settings
		Firmware	/logs/upgrade_image
		Backup	backup settings to {usb ftp server <serverIP>} [filename <filename>] [file-encryption {off on password <pass>}] [backup-policy {on off}] [add-comment <comment>]