Nokia IP Security Appliances

**Appendix 1‑CLish Script**

# This file is to set up a base configuration on Nokia IPSO 4.1 and higher using "clish".

# To use, run "clish" from command line and enter all the below lines into the clish commandline.

set interface eth-s4p1 speed 100M

set interface eth-s4p1 duplex full

set interface eth-s4p1 auto-advertise off

set interface eth-s4p1 active on

set interface eth-s4p1 flow-control off

set interface eth-s4p2 speed 100M

set interface eth-s4p2 duplex full

set interface eth-s4p2 auto-advertise off

set interface eth-s4p2 active on

set interface eth-s4p2 flow-control off

set interface eth-s4p3 speed 100M

set interface eth-s4p3 duplex full

set interface eth-s4p3 auto-advertise off

set interface eth-s4p3 active on

set interface eth-s4p3 flow-control off

set interface eth-s4p4 speed 100M

set interface eth-s4p4 duplex full

set interface eth-s4p4 auto-advertise off

set interface eth-s4p4 active on

set interface eth-s4p4 flow-control off

add ntp server 170.186.139.157 version 3 prefer 1

add ntp server 170.186.139.158 version 3

set ntp active 1

set syslog network-log on

set syslog primary-log-server 170.186.139.151

set syslog threshold 0

set syslog auditlog permanent

set syslog voyager-auditlog on

# Update package names as appropriate.

add backup scheduled dayofweek 6

set backup scheduled filename WeeklyBackup hour 23 minute 15

set backup scheduled package /opt/CPsuite-R60/fw1 on

set backup scheduled package /opt/CPshared/5.0 on

set backup scheduled on

add cron job Delete\_Old\_Backups command "rm -Rf /var/backup/sched/\*.tgz" timezone local dayofweek 6

set cron job Delete\_Old\_Backups command "rm -Rf /var/backup/sched/\*.tgz" timezone local hour 23

set cron job Delete\_Old\_Backups command "rm -Rf /var/backup/sched/\*.tgz" timezone local minute 0

set cron job Delete\_Old\_Backups on

set snmp daemon on

set snmp snmp smp-version v1/v2/v3

add snmp community tR4pp3rj0hN read-only

set snmp trapreceiver 167.16.7.113 community F!r3m0Nversion *v2*

set snmp traps link-up-down status on

set snmp authorization status on

set snmp vrrp-newmaster status on

set snmp vrrp-authfail status on

set snmp sys-config-change status on

set snmp sys-config-filechange status on

set snmp sys-config-savechange status on

set snmp sys-lowdiskspace status on

set snmp sys-nodiskspace status on

set snmp sys-diskfailure status on

set snmp sys-fan-failure status on

set snmp sys-powersupply-failure status on

set snmp sys-overtemperature status on

add user fwbackup uid 0 homedir /var/emhome/fwbackup

set user fwbackup gid 10

set user fwbackup info BackupAcct

set user fwbackup shell /bin/csh

add user qs01rxt uid 0 homedir /var/emhome/admin

set user qs01rxt gid 0

set user qs01rxt info User1

set user qs01rxt shell /bin/csh

set user qs01rxt homedir /var/emhome/admin

add user qs01jrh uid 0 homedir /var/emhome/admin

set user qs01jrh gid 0

set user qs01jrh info User2

set user qs01jrh shell /bin/csh

set user qs01jrh homedir /var/emhome/admin

add user drivera uid 0 homedir /var/emhome/admin

set user drivera gid 0

set user drivera info User3

set user drivera shell /bin/csh

set user drivera homedir /var/emhome/ admin

add user afambro uid 0 homedir /var/emhome/ admin

set user afambro gid 0

set user afambro info User4

set user afambro shell /bin/csh

set user afambro homedir /var/emhome/ admin

add user rbsmith uid 0 homedir /var/emhome/ admin

set user rbsmith gid 0

set user rbsmith info RonSmith

set user rbsmith shell /bin/csh

set user rbsmith homedir /var/emhome/ admin

add user ramartin uid 0 homedir /var/emhome/ admin

set user ramartin gid 0

set user ramartin info RobertMartin

set user ramartin shell /bin/csh

set user ramartin homedir /var/emhome/ admin

# Replace the <password> in RADIUS server definition with shared RADIUS key. See Will if ???s.

add aaa authprofile base\_radius\_authprofile

set aaa authprofile base\_radius\_authprofile authtype RADIUS

set aaa authprofile base\_radius\_authprofile authcontrol sufficient

add aaa radius-servers authprofile base\_radius\_authprofile priority 1 host 170.186.139.152 port 1645 secret <password> timeout 3 maxtries 3

add aaa radius-servers authprofile base\_radius\_authprofile priority 2 host 167.16.7.105 port 1645 secret <password> timeout 3 maxtries 3

add aaa profile new\_prof\_sshd

add aaa profile new\_prof\_sshd authprofile base\_radius\_authprofile acctprofile base\_sshd\_acctprofile sessprofile base\_sshd\_sessprofile

add aaa profile new\_prof\_sshd authprofile base\_sshd\_authprofile

set aaa service sshd profile new\_prof\_sshd

add aaa profile new\_prof\_httpd

add aaa profile new\_prof\_httpd authprofile base\_radius\_authprofile acctprofile base\_httpd\_acctprofile sessprofile base\_httpd\_sessprofile

add aaa profile new\_prof\_httpd authprofile base\_httpd\_authprofile

set aaa service httpd profile new\_prof\_httpd

set ssh server protocol 2

generate voyager ssl-certificate key-bits 1024 passphrase country *???* state *???* locality *???* organization *???* organizational-unit *???* common-name *???* email-address *???* /var/etc/voyager\_ssl\_server.crt /var/etc/voyager\_ssl\_server.key

set voyager ssl-certificate cert-file var/etc/voyager\_ssl\_server.crt key-file /var/etc/voyager\_ssl\_server.key <passphrase>

set voyager ssl-port 443

set voyager ssl-level 128

save config