Mounted jruntime package on /dev/md7...

Verified manifest signed by PackageProduction\_12\_1\_0

Verified jruntime-12.1R1.9 signed by PackageProduction\_12\_1\_0

swapon: adding /dev/ad0s1b as swap device

Automatic reboot in progress...

\*\* /dev/ad0s1a

\*\* Last Mounted on /

\*\* Root file system

\*\* Phase 1 - Check Blocks and Sizes

\*\* Phase 2 - Check Pathnames

\*\* Phase 3 - Check Connectivity

\*\* Phase 4 - Check Reference Counts

\*\* Phase 5 - Check Cyl groups

1916 files, 131369 used, 384702 free (54 frags, 48081 blocks, 0.0% fragmentation )

\*\*\*\*\* FILE SYSTEM MARKED CLEAN \*\*\*\*\*

\*\* /dev/ad0s1e

\*\* Last Mounted on /config

\*\* Phase 1 - Check Blocks and Sizes

\*\* Phase 2 - Check Pathnames

\*\* Phase 3 - Check Connectivity

\*\* Phase 4 - Check Reference Counts

\*\* Phase 5 - Check Cyl groups

18 files, 25 used, 100734 free (6 frags, 12591 blocks, 0.0% fragmentation)

\*\*\*\*\* FILE SYSTEM MARKED CLEAN \*\*\*\*\*

\*\* /dev/ad0s1f

\*\* Last Mounted on /var

\*\* Phase 1 - Check Blocks and Sizes

\*\* Phase 2 - Check Pathnames

\*\* Phase 3 - Check Connectivity

\*\* Phase 4 - Check Reference Counts

\*\* Phase 5 - Check Cyl groups

235 files, 18727 used, 1428232 free (200 frags, 178504 blocks, 0.0% fragmentatio n)

\*\*\*\*\* FILE SYSTEM MARKED CLEAN \*\*\*\*\*

tunefs: soft updates remains unchanged as disabled

Creating initial configuration...mgd: commit complete

Setting initial options: debugger\_on\_panic=NO debugger\_on\_break=NO.

Starting optional daemons: .

Doing initial network setup:.

Initial interface configuration:

additional daemons:.

EVENTD\_JAIL\_SOCKET\_FAILURE: Could not create jail socket: /jail/var/run/eventd\_e vents

checking for core dump...

savecore: could not be determined

savecore: could not be determined

savecore: no dumps found

Additional routing options:kern.module\_path: /boot//kernel;/boot/modules -> /boo t/modules;/modules/peertype;/modules/ifpfe\_drv;/modules/ifpfe\_media;/modules/dev ;/modules/platform;/modules;

kld netpfe media: ifpfem\_ds0 ifpfem\_ds1e1 ifpfem\_ds3e3 ifpfem\_imaLoading the IMA Group Media Layer; Attaching to media services layer

Loading the IMA Link Media Layer; Attaching to media services layer

ifpfem\_otn ifpfem\_sonetLoading the SONET Media Layer; Attaching to media servic es layer

kld netpfe drv: if\_vcp ifpfed\_atm ifpfed\_chmicLoading the CHMIC module

ifpfed\_controller ifpfed\_ds0 ifpfed\_ds1e1 ifpfed\_ds3e3 ifpfed\_eia530 ifpfed\_eth ifpfed\_irb ifpfed\_lt ifpfed\_ml\_cmn ifpfed\_ml\_ha ifpfed\_posLoading POS driver

ifpfed\_ppeer ifpfed\_pppoe ifpfed\_sa Loading Aggregate sonet driver

ifpfed\_shared\_uplink Loading shared uplink driver

ifpfed\_svcs ifpfed\_vtkld platform: bcm bcmxxx fdcsio1: configured irq 5 not in bitmap of probed irqs 0

sio1: port may not be enabled

sio2: configured irq 3 not in bitmap of probed irqs 0

sio2: port may not be enabled

sio3: configured irq 7 not in bitmap of probed irqs 0

sio3: port may not be enabled

fileassoc ixgbe mt\_ifpfeLoading Multilink Services PICs module.

Loading the M&T Platform NETPFE module

kld platform devices: fchip kbdmuxkbd1 at kbdmux0

uhid ukbdkld peertype: peertype\_asp peertype\_asq peertype\_ce peertype\_fpc160 pe ertype\_fpc40 peertype\_gfpc peertype\_iq2 peertype\_iqecc peertype\_lccre peertype\_l sq peertype\_msp peertype\_ose peertype\_rfeb peertype\_rfpc peertype\_scb peertype\_s fm peertype\_sfpc peertype\_slavere peertype\_xdpc ipsec kld resrsv.

Doing additional network setup:.

Starting final network daemons:.

setting ldconfig path: /usr/lib /opt/lib

starting standard daemons: cron.

Initial rc.i386 initialization: microcode kld.

Lock Manager

RDM Embedded 7 [04-Aug-2006] http://www.birdstep.com

Copyright (c) 1992-2006 Birdstep Technology, Inc. All Rights Reserved.

Unix Domain sockets Lock manager

Lock manager 'lockmgr' started successfully.

Database Initialization Utility

RDM Embedded 7 [04-Aug-2006] http://www.birdstep.com

Copyright (c) 1992-2006 Birdstep Technology, Inc. All Rights Reserved.

/var/pdb/profile\_db initialized

Profile database initialized

Local package initialization:.

kern.securelevel: -1 -> 1

starting local daemons:.

Mon May 18 07:42:13 UTC 2020

Juniper-HKI (ttyd0)

login: andrey

Password:

--- JUNOS 12.1R1.9 built 2012-03-24 12:52:33 UTC

andrey@Juniper-HKI> show configuration ?

Possible completions:

<[Enter]> Execute this command

> access Network access configuration

> access-profile Access profile for this instance

> accounting-options Accounting data configuration

> applications Define applications by protocol characteristics

+ apply-groups Groups from which to inherit configuration data

> chassis Chassis configuration

> class-of-service Class-of-service configuration

> diameter Diameter protocol layer

> event-options Event processing configuration

> firewall Define a firewall configuration

> forwarding-options Configure options to control packet forwarding

> groups Configuration groups

> interfaces Interface configuration

> jsrc JSRC partition configuration

> jsrc-partition JSRC partition configuration

> logical-systems Logical systems

> multi-chassis

> policy-options Policy option configuration

> protocols Routing protocol configuration

> routing-instances Routing instance configuration

> routing-options Protocol-independent routing option configuration

> security Security configuration

> services Service PIC applications settings

> snmp Simple Network Management Protocol configuration

> system System parameters

> virtual-chassis Virtual chassis configuration

| Pipe through a command

andrey@Juniper-HKI> show configuration

## Last commit: 2019-12-19 10:26:54 UTC by andrey

version 12.1R1.9;

system {

host-name Juniper-HKI;

domain-name Juniper-SPB.8002.ru;

authentication-order password;

root-authentication {

encrypted-password "$1$c2NnS1yP$D8xpQpqf7BChnBduesPEH0"; ## SECRET-DATA

}

name-server {

195.161.23.10;

}

login {

user andrey {

uid 101;

class super-user;

authentication {

encrypted-password "$1$VGoye8Li$kpOWQ6TUpb8e6H7So95JI1"; ## SECRET-DATA

}

}

}

services {

ssh;

telnet;

##

## Warning: configuration block ignored: unsupported platform (olive)

##

dhcp {

router {

192.169.1.1;

}

pool 192.169.1.0/24 {

address-range low 192.169.1.2 high 192.169.1.254;

}

}

}

syslog {

user \* {

any emergency;

}

file messages {

any notice;

authorization info;

}

file interactive-commands {

interactive-commands any;

}

}

}

interfaces {

em0 {

unit 0 {

description To\_Juniper\_SPB;

family inet {

address 71.77.4.6/30;

}

family iso {

address 49.0001.1881.2810.4106.00;

}

family inet6;

family mpls;

}

}

em1 {

description To\_Juniper\_HKI\_vMX;

unit 0 {

description To\_DirectedHost;

family inet {

address 71.77.4.9/30;

}

family iso {

address 49.0001.1881.2810.4109.00;

}

family inet6;

family mpls;

}

}

em2 {

description L2VPN;

vlan-tagging;

encapsulation vlan-ccc;

unit 560 {

description To\_SPB;

encapsulation vlan-ccc;

vlan-id 560;

}

}

em3 {

description To\_MPLS1\_RED;

unit 0 {

family inet {

policer {

input lim10m-0.05-drop;

output lim10m-0.05-drop;

}

address 71.78.5.9/30;

}

family mpls;

}

}

inactive: em4 {

description MulticastReve;

inactive: vlan-tagging;

unit 0 {

family inet {

address 71.77.1.5/30;

}

family mpls;

}

inactive: unit 324 {

description MulticastReve;

vlan-id 324;

family inet {

address 71.77.1.5/30;

}

family mpls;

}

}

inactive: em5 {

description TovMX\_FTP\_Load;

unit 0 {

family inet {

address 71.77.1.5/30;

}

}

}

lo0 {

unit 0 {

family inet {

address 71.77.7.3/32;

}

family iso {

address 49.0001.1881.2810.4105.00;

}

family inet6;

}

}

}

routing-options {

graceful-restart;

router-id 71.77.7.3;

autonomous-system 8001;

forwarding-table {

export lsp-cos-selection;

}

}

protocols {

igmp;

rsvp {

interface all {

aggregate;

reliable;

subscription 95;

link-protection;

}

}

mpls {

statistics {

file MPLS-LSP.stat size 1m files 3;

interval 300;

auto-bandwidth;

}

traffic-engineering mpls-forwarding;

admin-groups {

Core-A 0;

Core-B 1;

InterCore-AB 10;

Core-Region 20;

}

ipv6-tunneling;

label-switched-path PRIORITY-SiteX\_CRA-to-SiteY\_CRA-1 {

to 71.77.7.1;

ldp-tunneling;

optimize-timer 3600;

priority 3 3;

admin-group {

include-all Core-A;

exclude [ Core-B InterCore-AB Core-Region ];

}

node-link-protection;

adaptive;

auto-bandwidth {

adjust-interval 86400;

adjust-threshold 5;

minimum-bandwidth 0;

maximum-bandwidth 8g;

adjust-threshold-overflow-limit 1;

resignal-minimum-bandwidth;

}

}

label-switched-path mvpn-example-ipmsi-p2mp-template {

template;

bandwidth 100m;

optimize-timer 3600;

priority 3 3;

link-protection;

p2mp;

}

label-switched-path mvpn-example-spmsi-p2mp-template {

template;

bandwidth 5m;

optimize-timer 3600;

priority 3 3;

link-protection;

p2mp;

}

label-switched-path PRIORITY-SiteX\_CRA-to-SiteY\_CRA-3 {

to 71.77.7.2;

ldp-tunneling;

optimize-timer 3600;

priority 3 3;

admin-group {

include-all Core-A;

exclude [ Core-B InterCore-AB Core-Region ];

}

node-link-protection;

adaptive;

auto-bandwidth {

adjust-interval 86400;

adjust-threshold 5;

minimum-bandwidth 0;

maximum-bandwidth 8g;

adjust-threshold-overflow-limit 1;

resignal-minimum-bandwidth;

}

}

interface all;

interface em0.0 {

admin-group Core-A;

}

interface em1.0 {

admin-group Core-A;

}

}

bgp {

path-selection {

always-compare-med;

med-plus-igp;

}

log-updown;

family inet-vpn {

unicast;

}

local-as 8001;

graceful-restart {

restart-time 600;

stale-routes-time 600;

}

group iBGP {

type internal;

local-address 71.77.7.3;

import [ Default Discard ];

family inet {

unicast {

inactive: add-path {

send {

path-count 6;

}

}

}

flow {

prefix-limit {

maximum 1000;

teardown 80 idle-timeout 15;

}

no-validate accept-all;

}

any;

}

family inet-vpn {

unicast;

flow {

prefix-limit {

maximum 1000;

teardown 80 idle-timeout 15;

}

}

}

family inet6 {

labeled-unicast {

explicit-null;

}

}

family l2vpn {

signaling;

}

family inet-mvpn {

signaling;

}

vpn-apply-export;

multipath;

neighbor 71.77.7.1 {

import [ Default Discard ];

export [ Default Discard Next-Hop-Self connected-to-bgp core-static-to-bgp no\_HKI-Perr\_routes ];

}

neighbor 71.77.7.2 {

import [ Default Discard ];

export [ Default Discard Next-Hop-Self connected-to-bgp core-static-to-bgp no\_HKI-Perr\_routes ];

}

}

}

isis {

export connected-to-isis;

spf-options delay 100;

graceful-restart restart-duration 120;

level 1 disable;

level 2 {

authentication-key "$9$33zB9CuvMXN-wKM87-dsYFn6"; ## SECRET-DATA

authentication-type md5;

wide-metrics-only;

}

interface em0.0 {

ldp-synchronization;

bfd-liveness-detection {

minimum-interval 100;

}

}

interface em1.0 {

ldp-synchronization;

bfd-liveness-detection {

minimum-interval 100;

}

}

interface lo0.0 {

passive;

}

}

ldp {

graceful-restart recovery-time 120;

track-igp-metric;

egress-policy connected-to-isis;

keepalive-interval 5;

interface all;

}

pim {

rp {

static {

address 71.77.7.3;

}

}

interface all {

mode sparse;

}

}

l2circuit {

neighbor 71.77.7.1 {

interface em2.560 {

virtual-circuit-id 560;

no-control-word;

}

}

}

}

policy-options {

prefix-list to-ISIS {

inactive: 10.250.129.0/24;

inactive: 10.250.224.0/24;

71.77.4.0/24;

}

policy-statement Default {

from {

route-filter 0.0.0.0/0 exact;

}

then reject;

}

policy-statement Discard {

term for\_RED\_Multicast {

from {

route-filter 192.168.9.0/24 orlonger;

route-filter 192.168.10.0/24 orlonger;

route-filter 239.0.0.0/8 orlonger;

route-filter 10.90.80.0/24 orlonger;

}

then accept;

}

term For\_private {

from {

route-filter 127.0.0.0/8 orlonger;

route-filter 10.0.0.0/8 orlonger;

route-filter 127.16.0.0/12 orlonger;

route-filter 224.0.0.0/4 orlonger;

route-filter 240.0.0.0/4 orlonger;

route-filter 192.88.99.0/24 orlonger;

route-filter 192.168.4.0/24 orlonger;

route-filter 192.168.0.0/16 orlonger;

route-filter 169.254.0.0/16 orlonger;

}

then reject;

}

}

inactive: policy-statement Grey-AS {

from as-path grey-AS;

then reject;

}

policy-statement Next-Hop-Self {

term do-not-change {

from {

protocol bgp;

route-type internal;

}

then next policy;

}

then {

next-hop self;

}

}

policy-statement Suppress-to-Core {

term suppress {

from community suppress\_Core;

then reject;

}

term static\_tag\_998 {

from {

protocol [ static aggregate ];

tag 998;

}

then reject;

}

term others {

then next policy;

}

}

policy-statement accept-all {

then accept;

}

policy-statement connected-to-bgp {

term connected {

from protocol direct;

then {

local-preference 999;

origin igp;

community add type\_Connected;

community add suppress\_REG\_Peer;

community add routes-region-HKI;

community add routes-HKI;

community add suppress\_HKI\_Peer;

accept;

}

}

}

policy-statement connected-to-isis {

term lo0 {

from interface lo0.0;

then accept;

}

term connected {

from {

protocol direct;

prefix-list to-ISIS;

}

then {

tag 12321;

accept;

}

}

term reject-others-connected {

from protocol direct;

then reject;

}

}

policy-statement core-static-to-bgp {

term tag\_1000 {

from {

protocol [ static aggregate ];

tag 1000;

}

then {

local-preference 999;

origin igp;

community add type\_Static;

community add suppress\_REG\_Peer;

community add routes-HKI;

community add suppress\_HKI\_Peer;

accept;

}

}

}

policy-statement lsp-cos-selection {

then cos-next-hop-map lsp-cos-map;

}

policy-statement no\_HKI-Perr\_routes {

term HKI-Peer {

from community type\_HKI\_Peer;

}

}

policy-statement per-flow-load-balancing {

term balance {

then {

load-balance per-packet;

}

}

}

policy-statement static-to-bgp {

term tag\_666 {

from {

protocol [ static aggregate ];

tag 666;

}

then {

local-preference 666;

origin igp;

community add type\_Static;

community add suppress\_HKI\_Peer;

community add suppress\_REG\_Peer;

community add routes-region-HKI;

community add routes-HKI;

accept;

}

}

}

policy-statement v0-TEST\_L3VPN\_export {

term 0 {

from protocol direct;

then {

community add site\_id;

community add rt\_v0-TEST\_L3VPN\_spoke;

accept;

}

}

}

policy-statement v0-TEST\_L3VPN\_import {

term 0 {

from community rt\_v0-TEST\_L3VPN\_hub;

then accept;

}

}

community routes-HKI members 8001:12345;

community routes-region-HKI members 8001:12345;

community rt\_v0-TEST\_L3VPN\_hub members target:12389:0;

community rt\_v0-TEST\_L3VPN\_spoke members target:12389:10;

community site\_id members target:002:002;

community suppress\_Core members 8001:10;

community suppress\_HKI\_Peer members 8001:18;

community suppress\_REG\_Peer members 8001:19;

community type\_Connected members 8001:3;

community type\_Customer members 8001:1;

community type\_HKI\_Peer members 8001:8;

community type\_Static members 8001:4;

}

class-of-service {

forwarding-policy {

next-hop-map lsp-cos-map {

forwarding-class critical-data {

lsp-next-hop PRIORITY.\*;

}

forwarding-class realtime {

lsp-next-hop PRIORITY.\*;

}

forwarding-class new-realtime {

lsp-next-hop PRIORITY.\*;

}

forwarding-class video {

lsp-next-hop PRIORITY.\*;

}

forwarding-class low-cost-data {

lsp-next-hop BE.\*;

}

}

}

forwarding-classes {

class low-cost-data queue-num 0 priority high;

class realtime queue-num 1 priority high;

class video queue-num 2 priority high;

class critical-data queue-num 3 priority high;

class new-realtime queue-num 4 priority high;

}

}

firewall {

policer lim10m-0.05-drop {

filter-specific;

if-exceeding {

bandwidth-limit 10m;

burst-size-limit 62500;

}

then discard;

}

}

routing-instances {

RED {

instance-type vrf;

interface em3.0;

route-distinguisher 4:4;

vrf-import v0-TEST\_L3VPN\_import;

vrf-export v0-TEST\_L3VPN\_export;

vrf-target target:4:4;

vrf-table-label;

}

inactive: TEST\_MCAST\_VPN {

instance-type vrf;

interface em2.0;

interface em4.0;

route-distinguisher 8001:0;

provider-tunnel {

rsvp-te {

label-switched-path-template {

mvpn-example-ipmsi-p2mp-template;

}

}

selective {

group 239.0.0.0/8 {

source 100.90.80.0/24 {

rsvp-te {

label-switched-path-template {

mvpn-example-spmsi-p2mp-template;

}

}

threshold-rate 1000;

}

}

}

}

vrf-target target:8001:0;

vrf-table-label;

protocols {

pim {

rp {

local {

family inet {

address 71.77.7.3;

}

}

}

interface all {

mode sparse;

version 2;

}

}

mvpn;

}

}

}

andrey@Juniper-HKI>