Juniper-SPB (ttyd0)

login: andrey

Password:

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

andrey@Juniper-SPB> show configuration

## Last commit: 2020-05-06 13:31:23 UTC by andrey

version 12.1R1.9;

groups {

INTERFACE-ACCOUNTING {

interfaces {

em5 {

unit 0 {

accounting-profile stat-iba-profile;

}

}

em1 {

unit 0 {

accounting-profile stat-iba-profile;

}

}

em0 {

unit 0 {

accounting-profile stat-iba-profile;

}

}

}

}

}

apply-groups INTERFACE-ACCOUNTING;

system {

host-name Juniper-SPB;

domain-name Juniper-SPB.8002.ru;

authentication-order [ password tacplus ];

root-authentication {

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

}

name-server {

8.8.8.8;

8.8.4.4;

}

tacplus-server {

195.161.23.10 {

secret "$9$YfoDi5QFt0B"; ## SECRET-DATA

timeout 2;

single-connection;

}

}

accounting {

events [ login interactive-commands ];

destination {

tacplus {

server {

195.161.23.10 {

secret "$9$UWHfT9ApESr"; ## SECRET-DATA

timeout 2;

source-address 71.77.7.1;

}

}

}

}

}

login {

class read-only-user-local {

permissions [ network view view-configuration ];

}

class super-user-local {

idle-timeout 60;

permissions all;

}

user andrey {

uid 101;

class super-user;

authentication {

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

}

}

user ansible {

uid 2000;

class super-user;

}

user remote-op {

full-name "Remote users with cut privileges";

uid 2002;

class read-only-user-local;

}

user remote-su {

full-name "Remote users with super-user privileges";

uid 101;

class super-user;

}

}

services {

finger;

ftp;

ssh;

telnet;

netconf {

ssh;

}

##

## 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;

}

host 195.161.23.10 {

any info;

facility-override local7;

}

file messages {

any notice;

authorization info;

}

file interactive-commands {

interactive-commands any;

}

}

ddos-protection {

global {

disable-routing-engine;

disable-fpc;

}

}

ntp {

boot-server 195.161.23.10;

server 195.161.23.10 version 3 prefer;

}

}

interfaces {

em0 {

unit 0 {

description To\_AS25462;

family inet {

filter {

input Prohibit;

}

address 71.77.5.1/30;

}

family inet6;

family mpls;

}

}

em1 {

unit 0 {

description To\_RealServer2;

family inet {

address 71.78.5.1/30;

}

family inet6 {

address 5071::6301/120;

}

}

}

em2 {

unit 0 {

description "To MPLS1 RED";

family inet {

policer {

input lim10m-0.05-drop;

output lim10m-0.05-drop;

}

address 71.78.5.5/30;

}

family mpls;

}

}

em3 {

unit 0 {

description To\_Juniper\_HKI;

family inet {

address 71.77.4.5/30;

}

family iso {

address 49.0001.1881.2810.4115.00;

}

family inet6;

family mpls;

}

}

em4 {

unit 0 {

description To\_Juniper\_vMX;

family inet {

address 71.77.4.1/30;

}

family iso {

address 49.0001.1881.2810.4104.00;

}

family inet6;

family mpls;

}

}

inactive: em5 {

description VPLS;

vlan-tagging;

mtu 9000;

encapsulation vlan-vpls;

unit 987 {

description To\_HKI;

encapsulation vlan-vpls;

vlan-id 987;

family vpls;

}

unit 991 {

description "NAT outside";

family inet {

mtu 1500;

}

}

unit 1001 {

description "NAT inside";

family inet {

mtu 1500;

}

}

}

lo0 {

unit 0 {

family inet {

filter {

input CoPPv4;

}

address 71.77.7.1/32;

}

family iso {

address 49.0001.1881.2810.4101.00;

}

family inet6;

}

}

}

forwarding-options {

family inet {

filter {

output sanity-check;

}

}

}

snmp {

contact "noc@andrey.edu";

community nezabudka {

authorization read-only;

clients {

195.161.23.10/32;

}

}

trap-group DEFAULT {

targets {

195.161.23.10;

}

}

}

accounting-options {

file stat-iba {

size 100m;

files 8;

transfer-interval 5;

archive-sites {

"ftp://andrey@195.161.23.10/IBA" password "$9$cREl8XwYgDHq"; ## SECRET-DATA

}

}

interface-profile stat-iba-profile {

file stat-iba;

interval 5;

fields {

input-bytes;

output-bytes;

input-packets;

output-packets;

}

}

}

routing-options {

graceful-restart;

static {

route 8.8.8.8/32 next-hop 192.168.4.1;

route 8.8.4.4/32 next-hop 192.168.4.1;

}

router-id 71.77.7.1;

autonomous-system 8001;

forwarding-table {

export [ lsp-cos-selection sanity-check-classes ];

}

}

protocols {

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 TOAS25462 {

to 71.77.5.2;

}

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

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;

}

}

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;

}

interface all;

interface em4.0 {

admin-group Core-A;

}

}

bgp {

path-selection {

always-compare-med;

med-plus-igp;

}

family inet-vpn {

unicast;

}

local-as 8001;

graceful-restart {

restart-time 600;

stale-routes-time 600;

}

group eBGP\_Clients {

type external;

family inet {

unicast {

prefix-limit {

maximum 1000;

teardown 80 idle-timeout 30;

}

}

any;

}

family inet-vpn {

unicast;

}

family inet6 {

labeled-unicast {

explicit-null;

}

}

peer-as 25462;

multipath;

neighbor 71.77.5.2 {

description "To AS 25462";

import [ Default Discard mark-routes-SPB mark-region-routes-SPB INET\_CUSTOMER\_in restrict-long-as CUSTOMER:25462 ];

export [ Default Discard our-CIDR-blocks-aggretated ];

remove-private;

}

}

group iBGP {

type internal;

local-address 71.77.7.1;

family inet {

unicast {

add-path {

send {

path-count 6;

}

}

}

flow {

prefix-limit {

maximum 1000;

teardown 80 idle-timeout 15;

}

}

any;

}

family inet-vpn {

unicast;

}

family inet6 {

labeled-unicast {

explicit-null;

}

}

family l2vpn {

signaling;

}

family inet-mvpn {

signaling;

}

vpn-apply-export;

multipath;

inactive: neighbor 71.77.7.2 {

import [ Default Discard ];

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

}

inactive: neighbor 71.77.7.3 {

import [ Default Discard ];

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

}

}

group IPv6\_Customers {

type external;

family inet6 {

unicast {

prefix-limit {

maximum 1000;

teardown 80 idle-timeout 300;

}

}

labeled-unicast {

explicit-null;

}

}

multipath;

}

group rr-clients-szf {

type internal;

import no\_REG\_Peer\_routes;

family inet {

unicast {

add-path {

receive;

}

}

flow {

prefix-limit {

maximum 1000;

teardown 80 idle-timeout 15;

}

no-validate accept-all;

}

}

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;

}

export [ Next-Hop-self connected-to-bgp core-static-to-bgp no\_SZF\_Peer\_routes ];

cluster 71.77.7.1;

multipath;

neighbor 71.77.7.2;

neighbor 71.77.7.3;

}

group INET\_v6-Customers {

type external;

family inet6 {

unicast;

inactive: labeled-unicast {

explicit-null;

}

}

neighbor 1::2 {

description Test\_IPv6\_Client;

inactive: import [ v6-sanity-check mark-routes-SPB mark-region-routes-SPB INET\_v6\_CUSTOMER\_in ];

peer-as 65432;

}

}

}

isis {

export connected-to-ISIS;

spf-options delay 100;

graceful-restart restart-duration 120;

level 1 disable;

level 2 {

authentication-key "$9$p9mFB1hN-w2gJ7-VYg4ZGtu0"; ## SECRET-DATA

authentication-type md5;

wide-metrics-only;

}

interface em3.0 {

ldp-synchronization;

bfd-liveness-detection {

minimum-interval 100;

}

}

interface em4.0 {

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;

}

l2circuit {

neighbor 71.77.7.3 {

interface em5.560 {

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;

}

prefix-list MGMT\_Global {

71.77.0.0/16;

71.78.0.0/16;

195.161.0.0/16;

}

policy-statement CUSTOMER:25462 {

term 100 {

from {

route-filter 195.161.0.0/16 upto /32;

route-filter 192.168.9.0/24 exact;

route-filter 192.168.10.0/24 exact;

}

then next policy;

}

then reject;

}

policy-statement Default {

from {

route-filter 0.0.0.0/0 exact;

inactive: route-filter 0.0.0.0/0 prefix-length-range /25-/32;

}

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 192.168.0.0/16 orlonger;

route-filter 169.254.0.0/16 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 0.0.0.0/1 through 0.0.0.0/32;

route-filter 0.0.0.0/8 orlonger;

route-filter 172.16.0.0/12 orlonger;

route-filter 192.0.0.0/24 orlonger;

route-filter 192.0.2.0/24 orlonger;

route-filter 198.18.0.0/15 orlonger;

route-filter 198.51.100.0/24 orlonger;

route-filter 203.0.113.0/24 orlonger;

}

then reject;

}

}

inactive: policy-statement Grey-AS {

from as-path grey-AS;

then reject;

}

policy-statement INET\_CUSTOMER\_in {

term reject-AS-aggregate {

from policy reject-AS-aggregate;

then reject;

}

term reject-AS-longer-prefixes {

from policy RT-longer-prefixes;

then reject;

}

term remove-8001-communities {

then {

community delete 8001:1-3X;

community delete 8001:1UZZ;

}

}

term remov-well-known-communities {

then {

community delete WellKnown0;

community delete WellKnown65535;

}

}

term set-parametres {

then {

metric 0;

local-preference 850;

community add type\_Customer;

}

}

term blackhole-route {

from community type\_blackhole\_route;

then {

community add NO-EXPORT;

next-hop 192.0.2.1;

next policy;

}

}

term backup-route {

from community type\_customer\_backup\_route;

then {

local-preference 800;

}

}

term full-backup-route {

from community type\_full\_backup\_route;

then {

local-preference 100;

}

}

}

policy-statement INET\_v6\_CUSTOMER\_in {

term reject-RT-v6-aggregate {

from policy RT-v6-aggregate;

then reject;

}

term reject-RT-v6-longer-prefixes {

from policy RT-v6-longer-prefixes;

then reject;

}

term reject-default-route {

from {

route-filter ::/0 exact;

}

then reject;

}

term remove-12389-communities {

then {

community delete 8001:1-3X;

community delete 8001:1UZZ;

}

}

term remove-Well-Known-communities {

then {

community delete WellKnown0;

community delete WellKnown65535;

}

}

term set-parameters {

then {

metric 0;

local-preference 850;

community add type\_Customer;

}

}

term blackhole-route {

from community type\_blackhole\_route;

then {

community add NO-EXPORT;

next-hop ::ffff:192.0.2.1;

next policy;

}

}

term backup-route {

from community type\_customer\_backup\_route;

then {

local-preference 800;

}

}

term full-backup-route {

from community type\_full\_backup\_route;

then {

local-preference 100;

}

}

}

policy-statement NAT-1\_export {

term 100 {

then {

community add rt\_NAT-1\_hub;

accept;

}

}

}

policy-statement NAT-1\_import {

term 100 {

then {

community add rt\_NAT-1\_spoke;

accept;

}

}

}

policy-statement NAT-2\_export {

term 100 {

then {

community add rt\_NAT-2\_hub;

accept;

}

}

}

policy-statement NAT-2\_import {

term 100 {

then {

community add rt\_NAT-2\_spoke;

accept;

}

}

}

policy-statement NAT-main-VRF {

term 100 {

then {

local-preference 1000;

next policy;

}

}

}

policy-statement Next-Hop-self {

term do-not-change {

from {

protocol bgp;

route-type internal;

}

then next policy;

}

then {

next-hop self;

}

}

policy-statement RT-longer-prefixes {

term match-AS-longer-prefixes {

from {

route-filter 71.77.0.0/16 longer accept;

route-filter 71.78.0.0/16 longer accept;

}

}

term reject-others {

then reject;

}

}

policy-statement RT-v6-aggregate {

term match-RT-v6-aggregate-networks {

from {

route-filter 2a01:620::/32 exact accept;

}

}

term reject-others {

then reject;

}

}

policy-statement RT-v6-longer-prefixes {

term match-RT-v6-longer-prefixes {

from {

route-filter 2a01:620::/32 longer accept;

}

}

term reject-others {

then reject;

}

}

policy-statement accept-all {

then 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 connected-to-bgp {

term connected {

from protocol direct;

then {

local-preference 999;

origin igp;

community add suppress\_REG\_Peer;

community add type\_Connected;

community add suppress\_SPB\_Peer;

community add routes-region-SPB;

community add routes-SPB;

accept;

}

}

}

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-SPB;

community add suppress\_SPB\_Peer;

accept;

}

}

}

policy-statement lsp-cos-selection {

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

}

policy-statement mark-region-routes-SPB {

term 1 {

then {

community add routes-region-SPB;

next policy;

}

}

}

policy-statement mark-routes-SPB {

term 1 {

then {

community add routes-SPB;

next policy;

}

}

}

policy-statement no\_REG\_Peer\_routes {

term Regional\_peer {

from community type\_SPB\_Peer;

then reject;

}

then next policy;

}

policy-statement no\_SPB-Perr\_routes {

term SPB-Peer {

from community type\_SPB\_Peer;

}

}

policy-statement no\_SZF\_Peer\_routes {

term MRF-Peer {

from community type\_SZF\_Peer;

then reject;

}

}

policy-statement our-CIDR-blocks-aggretated {

term 100 {

from protocol [ aggregate direct bgp ];

then accept;

}

then reject;

}

policy-statement per-flow-load-balancing {

term balance {

then {

load-balance per-packet;

}

}

}

policy-statement reject-AS-aggregate {

term match-AS-networks {

from {

route-filter 71.78.0.0/16 exact accept;

route-filter 71.77.0.0/16 exact accept;

}

}

term reject-others {

then reject;

}

}

policy-statement restrict-long-as {

term 1 {

from as-path too\_long\_as\_path;

then reject;

}

}

policy-statement sanity-check-classes {

term 100 {

from {

protocol bgp;

community type\_Upstream;

}

then {

destination-class peer-and-upstream;

next policy;

}

}

}

policy-statement v0-TEST\_L3VPN\_export {

term 0 {

from protocol direct;

then {

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

community add site\_id;

accept;

}

}

}

policy-statement v0-TEST\_L3VPN\_import {

term 0 {

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

then accept;

}

}

policy-statement v6-bogons {

term rfc6890 {

from {

route-filter ::/128 exact accept;

route-filter ::1/128 exact accept;

route-filter ::/1 through ::/128 accept;

route-filter ::ffff:0:0/96 orlonger accept;

route-filter 100::/64 orlonger accept;

route-filter 2001::/23 orlonger accept;

route-filter 2001:10::/28 orlonger accept;

route-filter 2002::/16 orlonger accept;

route-filter 64:ff9b::/32 orlonger accept;

route-filter fc00::/7 orlonger accept;

route-filter ff00::/8 orlonger accept;

route-filter 2001:2::/48 orlonger accept;

route-filter 2001:db8::/32 orlonger accept;

route-filter fe80::/10 orlonger accept;

route-filter fec0::/10 orlonger accept;

}

}

term reject-others {

then reject;

}

}

policy-statement v6-sanity-check {

term reject-bogons {

from policy v6-bogons;

then reject;

}

term reject-long-prefixes {

from {

route-filter ::/0 prefix-length-range /48-/128 reject;

}

}

}

community 8001:1-3X members "^8001:.{1,3}$";

community 8001:1UZZ members "^8001:1Б─і$;";

community NAT-1\_hub members target:12389:1091;

community NAT-1\_spoke members "target:12389:1101$";

community NAT-2\_hub members target:12389:1092;

community NAT-2\_spoke members "target:12389:1102$";

community NO-EXPORT members no-export;

community WellKnown0 members "^0:\*";

community WellKnown65535 members 65535:\*;

community routes-SPB members [ 8001:54321 "8001:1101$" ];

community routes-region-SPB members [ 8001:54321 8001:1254 ];

community rt\_NAT-1\_hub members target:12389:1091;

community rt\_NAT-1\_spoke members [ "target:12389:1101$" target:12389:1101 ];

community rt\_NAT-2\_hub members target:12389:1092;

community rt\_NAT-2\_spoke members [ "target:12389:1102$" target:12389:1102 ];

community rt\_NAT-local-1\_hub members target:12389:1091;

community rt\_NAT-local-1\_spoke members "target:12389:1101$";

community rt\_NAT-local-2\_hub members target:12389:1092;

community rt\_NAT-local-2\_spoke members "target:12389:1102$";

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:001:001;

community suppress\_Core members 8001:10;

community suppress\_REG\_Peer members 8001:19;

community suppress\_SPB\_Peer members 8001:81;

community type\_Connected members 8001:3;

community type\_Customer members 8001:1;

community type\_SPB\_Peer members 8001:08;

community type\_SZF\_Peer members 8001:09;

community type\_Static members 8001:4;

community type\_Upstream members 9002:1;

community type\_blackhole\_route members 8001:55555;

community type\_customer\_backup\_route members 8001:2800;

community type\_full\_backup\_route members 8001:2100;

as-path too\_long\_as\_path ".{50,}";

}

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 realtime queue-num 1 priority high;

class low-cost-data queue-num 0;

class video queue-num 2 priority high;

class critical-data queue-num 3 priority high;

class new-realtime queue-num 4 priority high;

}

}

firewall {

family inet {

filter CoPPv4 {

term 10M {

from {

protocol [ vrrp ah tcp udp rsvp igmp pim icmp ];

inactive: source-port [ 53 ntp tacacs radius ssh telnet ftp ftp-data ldp bgp 33012 639 rip 67 68 1024-65525 ];

inactive: destination-port [ ssh telnet 830 3784-3785 snmp 4784 3503 ];

}

then {

policer copp-lim10;

count Filter;

}

}

}

}

policer lim10m-0.05-drop {

filter-specific;

if-exceeding {

bandwidth-limit 10m;

burst-size-limit 62500;

}

then discard;

}

policer copp-lim10 {

if-exceeding {

bandwidth-limit 10m;

burst-size-limit 128k;

}

then discard;

}

filter Prohibit {

term 100 {

from {

address {

inactive: 195.161.0.0/16;

inactive: 192.168.9.0/24;

inactive: 192.168.10.0/24;

71.77.0.0/16;

}

}

then accept;

}

term 200 {

then {

discard;

}

}

}

filter sanity-check {

term 100 {

from {

interface em4.0;

}

then {

count peers-to-other-peers-and-upstreams;

discard;

}

}

term 200 {

from {

interface em5.0;

}

then {

count upstreams-to-other-peers-and-upstreams;

discard;

}

}

term default-accept {

then accept;

}

}

filter nat\_load\_share-1 {

term to\_NAT-users {

from {

interface ae5;

}

then accept;

}

term em5\_nat-1 {

from {

source-address {

0.0.0.0/0.0.0.31;

0.0.0.1/0.0.0.31;

0.0.0.2/0.0.0.31;

0.0.0.3/0.0.0.31;

0.0.0.4/0.0.0.31;

0.0.0.5/0.0.0.31;

0.0.0.6/0.0.0.31;

0.0.0.7/0.0.0.31;

}

}

then {

routing-instance XXX-NAT-1; ## 'XXX-NAT-1' is not defined

}

}

}

filter nat\_load\_share-2 {

term to\_NAT-users {

from {

interface ae5;

}

then accept;

}

term em5\_nat-1 {

from {

source-address {

0.0.0.0/0.0.0.31;

0.0.0.1/0.0.0.31;

0.0.0.2/0.0.0.31;

0.0.0.3/0.0.0.31;

0.0.0.4/0.0.0.31;

0.0.0.5/0.0.0.31;

0.0.0.6/0.0.0.31;

0.0.0.7/0.0.0.31;

}

}

then {

routing-instance XXX-NAT-1; ## 'XXX-NAT-1' is not defined

}

}

}

}

routing-instances {

RED {

instance-type vrf;

interface em2.0;

route-distinguisher 4:4;

vrf-import v0-TEST\_L3VPN\_import;

vrf-export v0-TEST\_L3VPN\_export;

vrf-target target:4:4;

vrf-table-label;

}

TEST\_MCAST\_VPN {

instance-type vrf;

interface em5.0;

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 71.78.5.2/32 {

rsvp-te {

label-switched-path-template {

mvpn-example-ipmsi-p2mp-template;

}

}

threshold-rate 1000;

}

}

}

}

vrf-target target:8001:0;

vrf-table-label;

protocols {

pim {

rp {

local {

family inet {

address 71.77.7.1;

}

}

}

interface all {

mode sparse;

version 2;

}

}

mvpn;

}

}

inactive: XXX-NAT-1 {

description "NAT VRF 1";

instance-type vrf;

route-distinguisher 12389:30;

vrf-import NAT-1\_import;

vrf-export NAT-1\_export;

routing-options {

static {

route 0.0.0.0/0 {

discard;

tag 1000;

}

}

}

forwarding-options {

family inet {

filter {

input nat\_load\_share-1;

}

}

}

}

XXX-NAT-2 {

description "NAT VRF 2";

instance-type virtual-router;

routing-options {

static {

route 0.0.0.0/0 {

discard;

tag 999;

}

}

}

forwarding-options {

family inet {

filter {

input nat\_load\_share-2;

}

}

}

}

inactive: v0-Test\_VPLS {

instance-type vpls;

interface em5.987;

route-distinguisher 12389:4;

vrf-target target:12389:4;

protocols {

vpls {

site-range 10;

mac-table-size {

1024;

}

no-tunnel-services;

site TEST\_VPLS {

site-identifier 1;

interface em5.987 {

interface-mac-limit {

16;

}

}

}

}

}

}

}

services {

nat {

pool ALL-to-0to12 {

address 1.2.3.0/29;

address 1.2.2.8/30;

port {

automatic;

secured-port-block-allocation block-size 128 max-blocks-per-address 4 active-block-timeout 3600;

}

}

rule ALL-to-0to12 {

match-direction input;

term ALG {

from {

applications junos-ftp;

}

then {

translated {

source-pool ALL-to-0to12;

translation-type {

napt-44;

}

mapping-type endpoint-independent;

address-pooling paired;

}

}

}

}

}

}

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