

Open Infrastructure - Task #7284

router1.place6 phase back in

11/01/2019 10:05 PM - Nico Schottelius

Status:	Closed	Start date:	01/02/2020
Priority:	Normal	Due date:	
Assignee:	Nico Schottelius	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:			
PM Check date:			
Description			
Step 1: routing setup			
<ul style="list-style-type: none">• Accept all networks from upstreams and ungleich peers• don't announce any network• full routing table in kernel• no ip hacks (dummy0, lo)• do we still need to solve the "next hop self ebgp;" problem with bird2?<ul style="list-style-type: none">◦ bird2 will reject announcements from routerX peers in ungleich◦ bird2 will accept announcements from upstreams (direct)◦ bird2 to bird2 will accept due to rewrite• Announcing 2a09:2942::/32 only via netstream makes it unreachable<ul style="list-style-type: none">◦ Announcing it to router1.place5 makes it instantly reachable			
At this stage the router is fully able to do IPv4 and IPv6 routing			
Step 2: add some traffic			
<ul style="list-style-type: none">• add the IPv6 address of the coworking network -> go active-active			
Step 3: add nat64 w/ jool + joold			
<ul style="list-style-type: none">• setup jool+joold for "masquarding" 1:n sessions to .1 IPv4 address			
Step 4: Announce test network (IPv4, IPv6)			
<ul style="list-style-type: none">• Something non-productive• ensure routing works• Maybe spin up VMs and/or end hosts in that network			
Step 5: announce all networks to upstreams and peers			
<ul style="list-style-type: none">• final step for back in production• at this point router2.place6 can be reinstalled/replaced<ul style="list-style-type: none">◦ repeat all steps from here			
Subtasks:			
Task # 7552: Add some non-critical traffic to router1.place6			Closed
Task # 7553: Setup conntrackd to allow active active firewalls			Rejected
Related issues:			
Related to Open Infrastructure - Task #7306: Phase in new routers			Rejected 11/09/2019

History

#1 - 11/01/2019 10:15 PM - Nico Schottelius

- Description updated

#2 - 11/01/2019 10:25 PM - Nico Schottelius

- *Description updated*

#3 - 11/01/2019 10:57 PM - Nico Schottelius

- *Description updated*

#4 - 01/02/2020 12:44 PM - Nico Schottelius

- *Related to Task #7306: Phase in new routers added*

#5 - 01/02/2024 12:29 PM - Nico Schottelius

- *Status changed from In Progress to Closed*