

## openQA Infrastructure - action #80128

### openqaworker-arm-2 fails to download from openqa

2020-11-21 06:14 - coolo

<b>Status:</b>	Resolved	<b>Start date:</b>	2020-11-21
<b>Priority:</b>	Low	<b>Due date:</b>	
<b>Assignee:</b>	nicksinger	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Ready		
<b>Description</b>			
<a href="https://openqa.suse.de/tests/5047755">https://openqa.suse.de/tests/5047755</a>			
Even with wget you can't download. I stopped the workers and the minion			
<b>Related issues:</b>			
Related to openQA Infrastructure - action #73633: OSD partially unresponsive,...		<b>Resolved</b>	<b>2020-10-20</b> <b>2020-11-17</b>

### History

#### #1 - 2020-11-21 07:27 - okurz

- Related to action #73633: OSD partially unresponsive, triggering 500 responses, spotty response visible in monitoring panels but no alert triggered (yet) added

#### #2 - 2020-11-21 07:28 - okurz

ping -6 openqa.suse.de does not work  
that works on most other machines  
sysctl net.ipv6.conf.eth1.accept\_ra is ok as well, ip r does not show a default route though

#### #3 - 2020-11-21 12:24 - okurz

- Status changed from New to In Progress  
- Assignee set to okurz  
- Target version set to Ready

ip r does not show a default IPv6 route, ip -6 r does though. After I did systemctl stop firewalld the ping openqa -c 1 -6 openqa.suse.de worked.

could not find anything in logs either, even if enabling in /etc/firewalld to log all "dropped" packages. Then later ping did not work even if firewalld disabled. I did systemctl restart network and my ssh connection never recovered. over IPMI SOL I can ping the own IPV6 address of openqaworker-arm-2 but not osd:

```
# ping -c 1 -6 2620:113:80c0:8080:10:160:0:227
PING 2620:113:80c0:8080:10:160:0:227 (2620:113:80c0:8080:10:160:0:227) 56 data bytes
64 bytes from 2620:113:80c0:8080:10:160:0:227: icmp_seq=1 ttl=64 time=0.061 ms

--- 2620:113:80c0:8080:10:160:0:227 ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 0.061/0.061/0.061/0.000 ms
e246:~ # ping -c 1 -6 openqa.suse.de
PING openqa.suse.de (openqa.suse.de (2620:113:80c0:8080:10:160:0:207)) 56 data bytes
```

which resolves the right address for openqa.suse.de at least. Then after some minutes the system would not even react properly over SOL. Triggered power reset.

EDIT: Same symptoms after reboot, then sudo systemctl disable --now openqa-worker.target openqa-worker-cacheservice openqa-worker-cacheservice-minion.service

salt -l error '\*' cmd.run 'dig openqa.suse.de AAAA' is fine on all machines.

salt -l error '\*' cmd.run 'ping -c 1 -4 openqa.suse.de ; ping -c 1 -6 openqa.suse.de' is not ok on QA-Power8-4-kvm.qa.suse.de, openqaworker-arm-1.suse.de, openqaworker-arm-2.suse.de

I have applied

```
salt -l error -L 'QA-Power8-4-kvm.qa.suse.de,openqaworker-arm-1.suse.de,openqaworker-arm-2.suse.de' cmd.run 'e
```

```
cho net.ipv6.conf.all.disable_ipv6 = 1 > /etc/sysctl.d/poo73633_poo80128_debugging.conf && sysctl --load /etc/sysctl.d/poo73633_poo80128_debugging.conf && systemctl restart openqa-worker@*\ openqa-worker-cacheservice openqa-worker-cacheservice-minion.service os-autoinst-openvswitch.service && systemctl mask --now postfix'
```

#### #4 - 2020-11-21 19:06 - okurz

- Status changed from In Progress to Feedback

#### #5 - 2020-11-24 11:01 - okurz

- Status changed from Feedback to Workable

- Assignee deleted (okurz)

- Priority changed from Normal to Low

- Target version changed from Ready to future

this seems to have worked. So far the machines seem to be ok with only IPv4. I don't know why IPv6 does not work but I guess we can live with that for the time being.

#### #6 - 2020-12-10 10:09 - nicksinger

- Status changed from Workable to Resolved

- Assignee set to nicksinger

While working on grenache-1 I realized that there were some leftovers in sysctl on QA-Power8-4-kvm.qa.suse.de resulting in ipv6 being disabled only on *some* interfaces (IIRC "lo" was one of them). This resulted in these strange errors you discovered in #3 that resolving and all works but pings get stuck.

I removed your workaround file now and made sure all `disable_ipv6` entries are set to 0 (on QA-Power8-4-kvm.qa.suse.de, openqaworker-arm-1.suse.de and openqaworker-arm-2.suse.de). To validate I ran the following command on osd:

```
openqa:~ # salt -l error --no-color -C 'G@roles:worker' cmd.run 'curl -s -6 openqa.suse.de | grep changelog'
openqaworker2.suse.de:
    <a href="/changelog">4.6.1607440298.36d0dfbf9</a>
openqaworker5.suse.de:
    <a href="/changelog">4.6.1607440298.36d0dfbf9</a>
openqaworker6.suse.de:
    <a href="/changelog">4.6.1607440298.36d0dfbf9</a>
openqaworker8.suse.de:
    <a href="/changelog">4.6.1607440298.36d0dfbf9</a>
QA-Power8-4-kvm.qa.suse.de:
    <a href="/changelog">4.6.1607440298.36d0dfbf9</a>
openqaworker9.suse.de:
    <a href="/changelog">4.6.1607440298.36d0dfbf9</a>
QA-Power8-5-kvm.qa.suse.de:
    <a href="/changelog">4.6.1607440298.36d0dfbf9</a>
openqaworker13.suse.de:
    <a href="/changelog">4.6.1607440298.36d0dfbf9</a>
openqaworker10.suse.de:
    <a href="/changelog">4.6.1607440298.36d0dfbf9</a>
openqaworker-arm-2.suse.de:
    <a href="/changelog">4.6.1607440298.36d0dfbf9</a>
openqaworker-arm-1.suse.de:
    <a href="/changelog">4.6.1607440298.36d0dfbf9</a>
grenache-1.qa.suse.de:
    <a href="/changelog">4.6.1607440298.36d0dfbf9</a>
```

Please reopen if the problem still persists

#### #7 - 2020-12-11 10:29 - okurz

- Target version changed from future to Ready