openQA Infrastructure - action #64700

setup o3 workers openqaworker4 and openqaworker7 for multi-machine tests

2020-03-20 16:03 - okurz

Status:	Workable		**Start date:**	2020-03-20
Priority:	Low		**Due date:**	
Assignee:			**% Done:**	0%
Category:			**Estimated time:**	0.00 hour
Target version:	future			

Description

references

[#52499](#)

Related issues:

Related to openQA Tests - action #64970: [desktop][opensuse][multi-machine] t...	**Resolved**	**2020-03-29**

History

#1 - 2020-03-20 20:48 - okurz

for testing on w7 which was previously already configured as MM worker for osd I added ",tap" to the worker class for :3 and :4 with

```
vim /etc/openqa/workers.ini
firewall-cmd --zone=trusted --add-masquerade
systemctl restart openqa-worker@{3..4}
```

successful tests:

- [remote_ssh_target](#)
- [remote_ssh_controller](#)

so I restarted the other workers as well:

```
systemctl restart openqa-worker@{1..2} openqa-worker@{5..14}
```

I assume depending on http://open.qa/docs/#_multi_machine_tests_setup and the history on aarch64 what we would need to do for w4 which seems to have been never configured for MM:

```
zypper -n --no-refresh in firewalld openvswitch os-autoinst-openvswitch libcap-progs
systemctl enable --now firewalld openvswitch os-autoinst-openvswitch
echo 'OS_AUTOINST_USE_BRIDGE=br1' > /etc/sysconfig/os-autoinst-openvswitch
ovs-vsctl add-br br1
cat > /etc/sysconfig/network/ifcfg-tap0 <<EOF
BOOTPROTO='none'
IPADDR=''
NETMASK=''
PREFIXLEN=''
STARTMODE='auto'
TUNNEL='tap'
TUNNEL_SET_GROUP='nogroup'
TUNNEL_SET_OWNER='_openqa-worker'
EOF
for i in {1..14} {64..77} {128..141}; do echo OVS_BRIDGE_PORT_DEVICE_$i=\'tap$i\' ; done >> /etc/sysconfig/net
work/ifcfg-br1
for i in {1..14} {64..77} {128..141}; do ln -s /etc/sysconfig/network/ifcfg-tap{0,$i} ; done
firewall-cmd --set-default-zone=trusted
firewall-cmd --zone=trusted --add-masquerade
for i in br1 eth0 ovs-system; do firewall-cmd --zone=trusted --add-interface=$i; done
firewall-cmd --runtime-to-permanent
setcap CAP_NET_ADMIN=ep /usr/bin/qemu-system-x86_64
```

#2 - 2020-03-24 16:21 - okurz

- Description updated

#3 - 2020-03-29 11:20 - okurz

- Related to action #64970: [desktop][opensuse][multi-machine] test fails in xrdp_client to connect to server added

#4 - 2020-03-29 11:25 - okurz

apparently openqaworker7 is producing some problematic job results. E.g.

```
[28/03/2020 17:11:19] <DimStar> okurz: https://openqa.opensuse.org/tests/1216485#next_previous is more painful
 :)
[28/03/2020 17:11:36] <DimStar> success/failure ratio is far off
[28/03/2020 17:11:59] <DimStar> I thin 10 days ago is when we removed OW1, right?
```

Seems like desktopapps-remote-desktop-xrdp-client1 consistently does not work on openqaworker7 so test reviewers retrigger failed tests until it happens to be run on openqaworker1 which seems to be stable. DimStar also mentioned other problems, like https://openqa.opensuse.org/tests/1217710#step/kubeadm/1 , also on openqaworker7. Could be something special about the firewall maybe. " https://openqa.opensuse.org/tests/1217727#step/yast2_nfs4_server/37 - firewall might be sonething..or dns config", also w7. I have disabled "tap" from worker class on openqaworker7 and restarted worker instances. Let's see if this helps. https://openqa.opensuse.org/tests/1217710# as an interesting example because it is not a multi-machine test. Maybe we can look into this one first, should be easier to crosscheck.

Also, what I saw as differences in configuration: On w1 only "br1" is in "trusted" zone, on w7 it's "br1 eth0 tap…", same on aarch64. Also the config differs in "STARTMODE" and the explicit "ZONE" in /etc/sysconfig/network/ifcfg-tap*

So now on w7 I did:

```
cat > /etc/sysconfig/network/ifcfg-tap0 <<EOF
> BOOTPROTO='none'
> IPADDR=''
> NETMASK=''
> PREFIXLEN=''
> STARTMODE='auto'
> TUNNEL='tap'
> TUNNEL_SET_GROUP='nogroup'
> TUNNEL_SET_OWNER='_openqa-worker'
> ZONE=public'
> EOF
for i in {1..20} {64..83} {128..147}; do ln -sf /etc/sysconfig/network/ifcfg-tap{0,$i} ; done
for i in {0..20} {64..83} {128..147}; do firewall-cmd --zone-trusted --remove-interface=eth0; done
firewall-cmd --runtime-to-permanent
```

and looking into the "kubeadm" failure:

```
$ build=okurz_investigation_poo64700; for i in 1 7 ; do build=$build openqa-clone-set https://openqa.opensuse.
org/tests/1217710 ${build}_kubeadm_w$i WORKER_CLASS=openqaworker$i; done
```

https://openqa.opensuse.org/tests/overview?build=okurz_investigation_poo64700

shows that 10/10 jobs on openqaworker1 and 10/10 jobs on openqaworker7 fail the same so I reject the hypothesis that it's something specific to the MM setup on openqaworker7.

After the above changes I triggered some jobs again:

```
$ openqa-clone-job --parental-inheritance --skip-chained-deps --within-instance https://openqa.opensuse.org/te
sts/1218529 WORKER_CLASS=openqaworker7 BUILD=X _
GROUP=0 TEST=okurz_poo64700_yast2_nfs_v4_server
```

Created job #1219043: opensuse-Tumbleweed-DVD-x86_64-Build20200329-yast2_nfs_v4_server@64bit -> https://openqa.opensuse.org/t1219043

as a single test out of a mm-pair which works fine on its own.

```
$ openqa-clone-job --parental-inheritance --skip-chained-deps --within-instance https://openqa.opensuse.org/te
sts/1217787 WORKER_CLASS=openqaworker7 BUILD=X _
GROUP=0 TEST=okurz_poo64700_yast2_nfs_v4_client
```

Created job #1219049: opensuse-Tumbleweed-DVD-x86_64-Build20200327-yast2_nfs_v4_server@64bit -> https://openqa.opensuse.org/t1219049
Created job #1219050: opensuse-Tumbleweed-DVD-x86_64-Build20200327-yast2_nfs_v4_client@64bit -> https://openqa.opensuse.org/t1219050

which fail in https://openqa.opensuse.org/tests/1219050#step/yast2_nfs4_client/28

But we check again the basics with wicked_basic:

```
$ openqa-clone-job --parental-inheritance --skip-chained-deps --within-instance https://openqa.opensuse.org/te
sts/1218584 WORKER_CLASS=openqaworker7 BUILD=X _GROUP=0 TEST=okurz_poo64700_wicked_basic_sut
```

Created job #1219103: opensuse-Tumbleweed-DVD-x86_64-Build20200329-wicked_basic_ref@64bit -> https://openqa.opensuse.org/t1219103
Created job #1219104: opensuse-Tumbleweed-DVD-x86_64-Build20200329-wicked_basic_sut@64bit -> https://openqa.opensuse.org/t1219104

failed. https://openqa.opensuse.org/tests/1219104/file/serial_terminal.txt shows

```
# ping -c 1 10.0.2.2|| journalctl -b --no-pager > /dev/ttyS0; echo MWhDi-$?-
PING 10.0.2.2 (10.0.2.2) 56(84) bytes of data.
From 10.0.2.11 icmp_seq=1 Destination Host Unreachable
```

TODO read older tickets to remind myself, e.g. [#30892](#) , [#52499](#) , [#55043](#) , [#31978](#)

#5 - 2020-04-07 08:08 - okurz

- Status changed from In Progress to Workable

- Assignee deleted (okurz)

I did not progress over #64700#note-note-4 unfortunately. Didn't find time to refresh my memory with old setup.

#6 - 2020-07-29 07:13 - okurz

- Priority changed from Normal to Low

#7 - 2020-10-22 06:56 - okurz

- Target version set to future