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

```bash
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:

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

I assume depending on [http://open.qa/docs/#_multi_machine_tests_setup](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:

```bash
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'
EOF
```
TUNNEL_SET_OWNER='_openqa-worker'
EOF
for i in [1..14] [64..77] [128..141]; do echo OVS_BRIDGE_PORTDEVICE_$i="tap$i" ; done >> /etc/sysconfig/network/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 - 24/03/2020 04:21 pm - okurz
- Description updated

#3 - 29/03/2020 11:20 am - okurz
- Related to action #64970: [desktop][opensuse][multi-machine] test fails in xrdp_client to connect to server added

#4 - 29/03/2020 11:25 am - 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 something...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:

  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.

  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:

  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