

Tasks

WikiSuite | ClearOS and Kimchi: try to find a way in the GUI for Kimchi to use an external DHCP server

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Status

✘ Closed

Description

ClearOS and Kimchi: try to find a way in the GUI for Kimchi to use an external DHCP server

Reported by

Marc Laporte

Priority

4

Area

Kimchi (including KVM)

Details

Use case with 2 servers:

ClearOS gateway, with DHCP and DNS

ClearOS + Kimchi

We want to be able to create VMs on Kimchi, and have them get their IPs by the ClearOS gateway. This currently requires some editing of config files.

Created

Wednesday December 6, 2017 13:09:12 EST

by Marc Laporte

LastModif

Saturday July 24, 2021 12:24:45 EDT

Comments



[techana](#) 2017-12-08 11:50

Could you please share the editing on config files in order to achieve this?

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Thank you.



[Marc Laporte](#) 2017-12-08 13:23

Here is a config that worked once upon a time. It likely still does.

```
/etc/clearos/network.conf

# Network interface roles
EXTIF="ppp0"
LANIF="br0"

/etc/sysconfig/network-scripts/ifcfg-eth1

DEVICE=eth1
TYPE="Ethernet"
ONBOOT=yes
USERCTL=no
BRIDGE=br0

/etc/sysconfig/network-scripts/ifcfg-br0

DEVICE=br0
TYPE=Bridge
BOOTPROTO=static
ONBOOT=yes
IPADDR=192.168.71.1
NETMASK=255.255.255.0
DNS1=192.168.71.1

/etc/libvirt/qemu/networks/default.xml

<!--
WARNING: THIS IS AN AUTO-GENERATED FILE. CHANGES TO IT
ARE LIKELY TO BE
OVERWRITTEN AND LOST. Changes to this xml configuration
should be made using:
    virsh net-edit default
or other application using the libvirt API.
-->

<network>
  <name>default</name>
  <uuid>06b01660-5898-4a65-aaaf-be9827a44e10</uuid>
  <forward mode='bridge' />
  <bridge name='br0' />
</network>
[root@gw networks]#
```

I'll later get you the one currently in production



[techana](#) 2017-12-10 07:40

Thank you.

Unfortunately, these settings didn't work for me. ClearOS accepted them. The br0 bridge appeared in the webconfig. The actual clients in my network were able to get IPs from the DHCP server and communicate within the LAN, but couldn't access the Internet. Most importantly, the VM clients were not able to get IPs from the DHCP, as you can see in the following screenshot.



[Marc Laporte](#) 2017-12-21 01:19

Upstream work needed:

<https://tracker.clearos.com/view.php?id=18401>



[Marc Laporte](#)

2018-05-31 06:00

Done:

<https://gitlab.com/clearos/clearfoundation/app-network/commits/master>

<http://koji.clearos.com/koji/packageinfo?packageID=64>



[Marc Laporte](#) 2021-07-24 12:24

<https://wikisuite.org/blogpost16-WikiSuite-will-now-support-all-major-Linux-distros>

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