How to change resolv.conf for existing docker containers

Asked 9 years, 10 months ago   Modified 4 years, 10 months ago   Viewed 2k times

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I recently upgraded docker version on my Ubuntu to latest 1.9 version. During the upgrade docker network bridge gateway has changed from `172.17.42.1` to `172.17.0.1`.

I had some existing containers where the resolv.conf still points to `172.17.42.1` so whenever I restart my container the resolv.conf is resetting to `172.17.42.1`. I tried to modify the `/var/lib/docker/containers/<containerid>/resolv.conf` but it has no effect.

Currently whenever I restart the container I connect to container and change `/etc/resolv.conf` file manually. This changes to this file are lost during container restart. I don't want to kill my container and re-create them again.

Is there any way to make my resolv.conf permanent for existing containers?

Thanks in advance -Kesav

`docker`

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asked Nov 26, 2015 at 22:31

kesavkolla
459 ● 5 ● 14

1 Answer

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Im building portable system that change host network a lot, the solution i found was create your container as a host and bind a volume from host resolv.conf to the container resolv.conf mainly due because if the network changes when the container is already up it will not update

here is an example of the docker-compose service declaration

```
  gpioctl:
    container_name: gpioctl
    image:
registry.gitlab.com/absadevelopers/bluetoothgateway/bluetoothgateway_gpioctl
    network_mode: host
    volumes:
      - /var/log/knesys:/var/log/knesys
      - /etc/resolv.conf:/etc/resolv.conf:ro
    restart: unless-stopped
```

```
        depends_on:
          - nodesetup
```

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answered Nov 19, 2020 at 0:51

Alberto Martinez
17 ● 2

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