

Osmocom.org Servers - Bug #3471

host2.osmocom.org not starting all services on reboot.

08/18/2018 01:21 PM - zecke

| | | | |
|------------------------|---------|--------------------|------------|
| Status: | New | Start date: | 08/18/2018 |
| Priority: | Normal | Due date: | |
| Assignee: | laforge | % Done: | 0% |
| Category: | | | |
| Target version: | | | |
| Spec Reference: | | | |

Description

git.osmocom.org didn't respond, ICMP echo didn't respond either. Hetzner didn't have a know outage for this and I used the hardware reset option in the console. The machine became available again. I couldn't see anything in /var/log/messages (the machine must have been dead for ~3h). After reboot many of the services didn't run.

After checking the logs I saw "docker-compose pull" failing and was able to reproduce it. The image configs for cgitt/gerrit seem to be wrong and need to be fixed. I don't know the intention behind these two changes and have not modified the file. For cgitt we most likely don't want to stay with the previous version.

- A failing pull should not prevent us from starting the containers we already have (and were happy to run). E.g. by changing:

```
ExecStartPre=/usr/local/bin/docker-compose pull --quiet --parallel
to
ExecStartPre=-/usr/local/bin/docker-compose pull --quiet --parallel
```

- We should have some sanity check around the docker-compose file. Maintain in git and have "docker-compose pull" tested in some way? Something ansible?

Log:

```
Aug 18 14:52:58 host2.osmocom.org systemd[4607]: docker-compose.service: Executing: /usr/local/bin
/docker-compose pull --quiet --parallel
Aug 18 14:52:58 host2.osmocom.org docker-compose[4607]: Pulling cgit ...
Aug 18 14:52:58 host2.osmocom.org docker-compose[4607]: Pulling registry ...
Aug 18 14:52:58 host2.osmocom.org docker-compose[4607]: Pulling jenkins ...
Aug 18 14:52:58 host2.osmocom.org docker-compose[4607]: Pulling redmine-db ...
Aug 18 14:52:58 host2.osmocom.org docker-compose[4607]: Pulling gitolite ...
Aug 18 14:52:58 host2.osmocom.org docker-compose[4607]: Pulling patchwork-db ...
Aug 18 14:52:58 host2.osmocom.org docker-compose[4607]: Pulling patchwork ...
Aug 18 14:52:58 host2.osmocom.org docker-compose[4607]: Pulling dns ...
Aug 18 14:52:58 host2.osmocom.org docker-compose[4607]: Pulling git ...
Aug 18 14:52:58 host2.osmocom.org docker-compose[4607]: Pulling mumble ...
Aug 18 14:52:58 host2.osmocom.org docker-compose[4607]: Pulling gerrit ...
Aug 18 14:52:58 host2.osmocom.org docker-compose[4607]: Pulling redmine ...
Aug 18 14:52:58 host2.osmocom.org docker-compose[4607]: Pulling nginx ...
Aug 18 14:53:01 host2.osmocom.org docker-compose[4607]: [569B blob data]
Aug 18 14:53:01 host2.osmocom.org docker-compose[4607]: ERROR: for gerrit manifest for registry.s
ysmocom.de/gerrit:previous not found
Aug 18 14:53:01 host2.osmocom.org docker-compose[4607]: ERROR: for cgitt manifest for registry.sys
mocom.de/cgitt:previous not found
Aug 18 14:53:01 host2.osmocom.org docker-compose[4607]: Traceback (most recent call last):
Aug 18 14:53:01 host2.osmocom.org docker-compose[4607]:   File "/usr/local/bin/docker-compose", li
ne 11, in <module>
Aug 18 14:53:01 host2.osmocom.org docker-compose[4607]:     sys.exit(main())
Aug 18 14:53:01 host2.osmocom.org docker-compose[4607]:   File "/usr/local/lib/python3.5/dist-pack
ages/compose/cli/main.py", line 71, in main
Aug 18 14:53:01 host2.osmocom.org docker-compose[4607]:     command()
Aug 18 14:53:01 host2.osmocom.org docker-compose[4607]:   File "/usr/local/lib/python3.5/dist-pack
ages/compose/cli/main.py", line 127, in perform_command
```

```
Aug 18 14:53:01 host2.osmocom.org docker-compose[4607]: handler(command, command_options)
Aug 18 14:53:01 host2.osmocom.org docker-compose[4607]: File "/usr/local/lib/python3.5/dist-pack
ages/compose/cli/main.py", line 716, in pull
Aug 18 14:53:01 host2.osmocom.org docker-compose[4607]: include_deps=options.get('--include-de
ps'),
Aug 18 14:53:01 host2.osmocom.org docker-compose[4607]: File "/usr/local/lib/python3.5/dist-pack
ages/compose/project.py", line 558, in pull
Aug 18 14:53:01 host2.osmocom.org docker-compose[4607]: raise ProjectError(b"\n".join(errors.v
alues()))
Aug 18 14:53:01 host2.osmocom.org docker-compose[4607]: TypeError: sequence item 0: expected a byt
es-like object, str found
Aug 18 14:53:01 host2.osmocom.org systemd[1]: docker-compose.service: Child 4607 belongs to docker
-compose.service
```

History

#1 - 08/18/2018 01:50 PM - laforge

On Sat, Aug 18, 2018 at 01:21:12PM +0000, zecke [REDMINE] wrote:

After checking the logs I saw "docker-compose pull" failing and was able to reproduce it. The image configs for `cgit/gerrit` seem to be wrong and need to be fixed. I don't know the intention behind these two changes and have not modified the file.

AFAIR, the new version of the related containers didn't work when I tried to update them, so I had to roll back (on July 23rd)

For `cgit` we most likely don't want to stay with the previous version.

- A failing pull should not prevent us from starting the containers we already have (and were happy to run). E.g. by changing:

```
> ExecStartPre=/usr/local/bin/docker-compose pull --quiet --parallel
> to
> ExecStartPre=-/usr/local/bin/docker-compose pull --quiet --parallel
>
```

I've implemented this change now.

- We should have some sanity check around the `docker-compose` file. Maintain in `git` and have "docker-compose pull" tested in some way? Something `ansible`?

the `git` repo already exists due to `etckeeper`. We could simply push that to our `git` server to make it accessible.

```
Aug 18 14:53:01 host2.osmocom.org docker-compose4607: ERROR: for gerrit manifest for registry.sismocom.de/gerrit:previous not found
Aug 18 14:53:01 host2.osmocom.org docker-compose4607: ERROR: for cgit manifest for registry.sismocom.de/cgit:previous not found
```

I've now pushed those two tags to the registry as a work-around.

I'll investigate. At least for `cgit` I think the latest build/image also works.