

Open Infrastructure - Task #7625

Manually fix consul+node_exporter on new router1.place6

01/18/2020 01:02 PM - Nico Schottelius

Status:	Rejected	Start date:	01/18/2020
Priority:	Normal	Due date:	
Assignee:	Nico Schottelius	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
PM Check date:			

Description

```
[13:01] router1.place6:~# /etc/init.d/consul start
/etc/init.d/consul: .. line 39: can't open '/lib/lsb/init-functions': No such file or directory
[13:02] router1.place6:~# /etc/init.d/consul.apk-new start
* Checking /etc/consul ...
Config validation failed: Multiple private IPv4 addresses found. Please configure one with 'bind'
and/or 'advertise'.
[ !! ]
* checkpath: owner `consul.apk-new:consul.apk-new' not found
* ERROR: consul.apk-new failed to start
[13:02] router1.place6:~#
```

Follow up

- No init script deployment on alpine
- Modify data_dir
- Different configuration directory on alpine
- Should use the new interface template go syntax, however it did not work on testing

History

#1 - 01/18/2020 01:03 PM - Nico Schottelius

- Description updated

#2 - 01/18/2020 01:26 PM - Nico Schottelius

Use alpine's init script:

```
[13:02] router1.place6:~# mv /etc/init.d/consul.apk-new /etc/init.d/consul
[13:03] router1.place6:~# cat /etc/conf.d/consul
# Consul startup
consul_opts="agent -config-dir=/etc/consul"
[13:04] router1.place6:~#
```

Changing path to what we used on debian

```
[13:04] router1.place6:/etc/consul# vi /etc/conf.d/consul
[13:05] router1.place6:/etc/consul# cat /etc/conf.d/consul
# Consul startup
consul_opts="agent -config-dir=/etc/consul/conf.d"
[13:05] router1.place6:/etc/consul# /etc/init.d/consul start
* Caching service dependencies ...
[ ok ]
* Checking /etc/consul ...
Config validation failed: Multiple private IPv4 addresses found. Please configure one with 'bind' and/or 'adve
rtise'.
[ !! ]
* /var/log/consul.log: creating file
* /var/log/consul.log: correcting owner
* Starting consul ...
[ ok ]
[13:05] router1.place6:/etc/consul#

[13:06] router1.place6:/etc/consul# /etc/init.d/consul start
* Checking /etc/consul ...
```

```

Config validation failed: Multiple private IPv4 addresses found. Please configure one with 'bind' and/or 'advertise'.
* Starting consul ...
[13:06] router1.place6:/etc/consul# cat conf.d/config.json
{
  "data_dir": "/var/lib/consul"
  , "bind_addr": "2a0a:e5c0:2:15::5"
  , "client_addr": "2a0a:e5c0:2:15::5 ::1 127.0.0.1"
  , "datacenter": "place6"
  , "disable_remote_exec": true
  , "disable_update_check": true
  , "encrypt": "xx=="
  , "retry_join": ["black1.place6.ungleich.ch", "black2.place6.ungleich.ch", "black3.place6.ungleich.ch"]
}
[13:06] router1.place6:/etc/consul# consul --version
Consul 1.6.2
Protocol 2 spoken by default, understands 2 to 3 (agent will automatically use protocol >2 when speaking to compatible agents)
[13:06] router1.place6:/etc/consul#

```

Seem like old bind_addr now supports interfaces - much nicer!

- See <https://www.consul.io/docs/agent/options.html>

```

[13:25] router1.place6:/etc/consul# /etc/init.d/consul restart
* Stopping consul ...
* Checking /etc/consul ...
Config validation failed: Multiple private IPv4 addresses found. Please configure one with 'bind' and/or 'advertise'.
* Starting consul ...
[13:25] router1.place6:/etc/consul# mv conf.d/*.json .
[13:25] router1.place6:/etc/consul# /etc/init.d/consul restart
* Stopping consul ...
* Checking /etc/consul ...
Configuration is valid!
* Starting consul ...
[13:25] router1.place6:/etc/consul#

```

However it does not work -- at the moment hard coded to the routers ipv6 address.
Also the conf.d change does not seem to work.

#3 - 01/18/2020 01:27 PM - Nico Schottelius

- Subject changed from *Manually fix consul on new router1.place6* to *Manually fix consul+node_exporter on new router1.place6*

```

[13:25] router1.place6:/etc/consul# ps aux |grep node
14238 root      0:00 grep node
[13:26] router1.place6:/etc/consul#
[13:26] router1.place6:/etc/consul# /etc/init.d/node-exporter start
* Starting node-exporter ...
[13:26] router1.place6:/etc/consul# ps aux |grep node
14259 promethe  0:00 /usr/bin/node_exporter
14272 root      0:00 grep node
[13:26] router1.place6:/etc/consul#

[13:27] router1.place6:/etc/consul# curl -s localhost:9100/metrics | wc -l
1936
[13:27] router1.place6:/etc/consul#

```

#4 - 01/18/2020 01:35 PM - Nico Schottelius

```

[13:30] router1.place6:/etc/consul# consul members
Error retrieving members: Get http://127.0.0.1:8500/v1/agent/members?segment=_all: dial tcp 127.0.0.1:8500: connect: connection refused
[13:30] router1.place6:/etc/consul# netstat -anp | grep consul

```

Seems to crash when running under supervise (probably permission error):

```

Jan 18 13:31:36 router1 daemon.info supervise-daemon[15251]: Child command line: /usr/sbin/consul agent -config-dir=/etc/consul
Jan 18 13:31:36 router1 daemon.info supervise-daemon[15323]: Supervisor command line: supervise-daemon consul --start --stdout /var/log/consul.log --stderr /var/log/consul.log --pidfile /run/consul.pid --respawn-delay 10 --respawn-max 0 --healthcheck-timer 60 --user cons
Jan 18 13:31:36 router1 daemon.info supervise-daemon[15325]: Child command line: /usr/sbin/consul agent -config-dir=/etc/consul

```

```
g-dir=/etc/consul
Jan 18 13:31:36 router1 daemon.warn supervise-daemon[15324]: /usr/sbin/consul, pid 15325, exited with return c
ode 1
Jan 18 13:31:46 router1 daemon.info supervise-daemon[15353]: Child command line: /usr/sbin/consul agent -confi
g-dir=/etc/consul
Jan 18 13:31:47 router1 daemon.warn supervise-daemon[15324]: /usr/sbin/consul, pid 15353, exited with return c
ode 1
Jan 18 13:31:49 router1 auth.info sshd[15231]: Connection closed by 123.207.78.83 port 44658 [preauth]
Jan 18 13:31:49 router1 auth.notice sshguard[4977]: Attack from "123.207.78.83" on service SSH with danger 2.
Jan 18 13:31:50 router1 daemon.warn bird: I/O loop cycle took 5291 ms for 1 events
Jan 18 13:31:57 router1 daemon.info supervise-daemon[15375]: Child command line: /usr/sbin/consul agent -confi
g-dir=/etc/consul
Jan 18 13:31:57 router1 daemon.warn supervise-daemon[15324]: /usr/sbin/consul, pid 15375, exited with return c
ode 1
```

#5 - 01/18/2020 01:35 PM - Nico Schottelius

- *Description updated*

#6 - 12/07/2021 12:52 AM - Nico Schottelius

- *Status changed from In Progress to Rejected*