Node JS app not working #2532

New issue

⊘ **Closed** **facundomedica** opened this issue on 16 Dec 2016 · 18 comments

facundomedica commented on 16 Dec 2016 • edited ▾

Contributor

Description of problem:

I've installed Dokku using the one click app in Digital Ocean, in Ubuntu 16.04. I've tried running the Node JS sample of Heroku and it builds just fine and it outputs a url (Which is my server ip with the port). The problem is that when I put this url on my browser, it tries to load it for a long time but it does nothing. I think is something with related with ports, maybe?

(I'll try to complete most of the things below)

Output of the following commands

- `uname -a`:
  Linux XsomenameX-dokku 4.4.0-53-generic #74-Ubuntu SMP Fri Dec 2 15:59:10 UTC 2016 x86_64 x86_64 x86_64 GNU/Linux

- `free -m`:

  ```
              total        used        free      shared  buff/cache   available
  Mem:          488          77          65           5         345         371
  Swap:           0           0           0
  ```
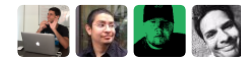
- `docker version`:

Assignees

No one assigned

Labels

type: support

Projects

None yet

Milestone

No milestone

Notifications

4 participants

Client:
Version: 1.12.4
API version: 1.24
Go version: go1.6.4
Git commit: 1564f02
Built: Tue Dec 13 00:08:34 2016
OS/Arch: linux/amd64

Server:
Version: 1.12.4
API version: 1.24
Go version: go1.6.4
Git commit: 1564f02
Built: Tue Dec 13 00:08:34 2016
OS/Arch: linux/amd64

- `docker -D info`:

Containers: 8 **--> THIS LOOKS ODD, I ONLY HAVE ONE APP**

Running: 1

Paused: 0

Stopped: 7

Images: 17

Server Version: 1.12.4

Storage Driver: aufs

Root Dir: /var/lib/docker/aufs

Backing Filesystem: extfs

Dirs: 36

Dirperm1 Supported: true

Logging Driver: json-file

Cgroup Driver: cgroupfs

Plugins:

Volume: local

Network: host bridge overlay null

Swarm: inactive

Runtimes: runc

Default Runtime: runc

Security Options: apparmor seccomp

Kernel Version: 4.4.0-53-generic

Operating System: Ubuntu 16.04.1 LTS

OSType: linux

Architecture: x86_64

CPUs: 1

Total Memory: 488.5 MiB

Name: XsomenameX-dokku

ID: LJ2H:FYCT:5DKP:AMOL:R6IL:T5F6:G2GN:OSXH:EASL:IXMS:JPQB:6J2A

Docker Root Dir: /var/lib/docker

Debug Mode (client): true

Debug Mode (server): false

Registry: https://index.docker.io/v1/

Insecure Registries:

127.0.0.0/8

- `sigil -v` :

0.4.0

- `docker run -ti gliderlabs/herokuish:latest herokuish version`:

herokuish: 0.3.19
buildpacks:
heroku-buildpack-multi v1.0.0
heroku-buildpack-ruby v146
heroku-buildpack-nodejs v91
heroku-buildpack-clojure v75
heroku-buildpack-python v82
heroku-buildpack-java v46
heroku-buildpack-gradle v18
heroku-buildpack-grails v21
heroku-buildpack-scala v72
heroku-buildpack-play v26
heroku-buildpack-php v110
heroku-buildpack-go v44
heroku-buildpack-erlang fa17af9
buildpack-nginx v6
emberjs.tgz latest

- `dokku version`:

0.7.2

- `dokku plugin`:

plugn: 0.2.2
00_dokku-standard 0.7.2 enabled dokku core standard plugin
20_events 0.7.2 enabled dokku core events logging plugin
apps 0.7.2 enabled dokku core apps plugin
build-env 0.7.2 enabled dokku core build-env plugin
certs 0.7.2 enabled dokku core certificate management plugin
checks 0.7.2 enabled dokku core checks plugin
common 0.7.2 enabled dokku core common plugin
config 0.7.2 enabled dokku core config plugin
docker-options 0.7.2 enabled dokku core docker-options plugin
domains 0.7.2 enabled dokku core domains plugin
enter 0.7.2 enabled dokku core enter plugin
git 0.7.2 enabled dokku core git plugin
logs 0.7.2 enabled dokku core logs plugin
named-containers 0.7.2 enabled dokku core named containers plugin
nginx-vhosts 0.7.2 enabled dokku core nginx-vhosts plugin
plugin 0.7.2 enabled dokku core plugin plugin
proxy 0.7.2 enabled dokku core proxy plugin
ps 0.7.2 enabled dokku core ps plugin
repo 0.7.2 enabled dokku core repo plugin
shell 0.7.2 enabled dokku core shell plugin
ssh-keys 0.7.2 enabled dokku core ssh-keys plugin
storage 0.7.2 enabled dokku core storage plugin
tags 0.7.2 enabled dokku core tags plugin
tar 0.7.2 enabled dokku core tar plugin

- `docker inspect CONTAINER_ID` (if applicable):
  (BEWARE: `docker inspect` will print environment variables for some commands, be sure you're not exposing any sensitive information when posting issues. You may replace these values with XXXXXXX):
- `cat /home/dokku/<app>/nginx.conf` (if applicable):
- Link to the exact repository being deployed (if possible/applicable):
- If a deploy is failing or behaving unexpectedly:
  - Application name
  - The type of application being deployed (node, php, python, ruby, etc.)
  - If using buildpacks, which custom buildpacks are in use

- If using a `Dockerfile`, the contents of that file
- If it exists, the contents of your `Procfile`.
- Output of failing Dokku commands after running `dokku trace on`
(BEWARE: `trace on` will print environment variables for some commands, be sure you're not exposing any sensitive information when posting issues. You may replace these values with XXXXXXX):

Environment details (AWS, VirtualBox, physical, etc.): DigitalOcean

How was Dokku installed?: One click app

How reproducible:

Steps to Reproduce (After creating a dokku app):

1. Clone this repository https://github.com/heroku/node-js-sample
2. Push it to dokku
3. Try to use the url in the output

Actual Results:

Not working

Expected Results:

See a "hello world"

Additional info:

- `nginx -t`:

nginx: the configuration file /etc/nginx/nginx.conf syntax is ok
nginx: configuration file /etc/nginx/nginx.conf test is successful

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josegonzalez commented on 16 Dec 2016   **Owner**

When you say "Not working", do you get an error page eventually, or just blank? Did you setup a firewall to stop non-80/443 port requests? Can I get a url for this app?

facundomedica commented on 16 Dec 2016 • edited ▾   `Contributor`

@josegonzalez Thanks for the swift response. It just keeps loading until browser fails ("Safari can't open the page"). I didn't set up anything, just used the one click app on Digital Ocean as said in many tutorials. The url I'm using is http://my.server.ip.address:43444. If you need the real one just ask.

More info:

`dokku logs testing` returns this:
2016-12-16T16:38:28.258861746Z app[web.1]: Example app listening on port 3000!

(3000 is not the real port, it was hardcoded, I do this actually: `var port = process.env.PORT || 8080;`, and now it shows port 5000)

Even more info:

Tried curl:
curl: (7) Failed to connect to xxx.xxx.xx.xx port 43444: Operation timed out

josegonzalez commented on 16 Dec 2016   `Owner`

This doesn't sound like the default heroku nodejs app, since that one definitely listens on the proper port.

joshmanders commented on 16 Dec 2016   `Member`

So to clarify you hardcode the `3000` port in the console log, but `app.listen()` uses `var port = process.env.PORT || 8080` ?

josegonzalez commented on 16 Dec 2016   `Owner`

Def not the default app: https://github.com/heroku/node-js-sample/blob/master/index.js#L4

joshmanders commented on 16 Dec 2016   Member

Yeah, I just did your reproduce steps and it works for me.

facundomedica commented on 16 Dec 2016 • edited ▾   Contributor

@**joshmanders** yes.
@**josegonzalez** I was testing other things to try make it work. Now I've tried again the sample app
(expecting a miracle or something) and didn't work.

So, with the default app it says: 2016-12-16T17:16:52.454899761Z app[web.1]: Node app is running at
localhost:5000

I don't know how to debug this.

I've also tried rebooting my server, but didn't help

josegonzalez commented on 16 Dec 2016   Owner

Odd, maybe new node or whatever defaults to not listening on `0.0.0.0` interface. Thats what needs to
happen, not localhost. I don't know enough about node, but if you fix that it should work fine.

joshmanders commented on 16 Dec 2016   Member

Are you absolutely positive it is the `node-js-sample` app from heroku? Also make sure that you're not
pushing and retrying the same port, as it should assign a new port to the next release.

facundomedica commented on 16 Dec 2016   Contributor

@**josegonzalez** I've tried that (and just tried again) and it doesn't work.
@**joshmanders** I'm 100% sure about that. What sounds weird is that it always returns the same port.

I'll try making a new app

joshmanders commented on 16 Dec 2016   Member

Can you join the slack #dokku channel so that we can work through this in real time?

facundomedica commented on 16 Dec 2016 • edited ▾   Contributor

I'll document my steps here:

1. `git clone https://github.com/heroku/node-js-sample.git` on my local computer
2. On my server via ssh I do `dokku apps:create nodesample`
3. `cd node-js-sample` on my local computer
4. `git remote add dokku dokku@xxx.xxx.xx.xx:nodesample` on my local computer
5. `git push dokku master` on my local computer
6. Failure 👎

@**joshmanders** how do I join that channel?

josegonzalez commented on 16 Dec 2016   Owner

http://dokku.viewdocs.io/dokku/getting-started/where-to-get-help/

👍 1

joshmanders commented on 16 Dec 2016   Member

You can join us on slack at https://glider-slackin.herokuapp.com/

🏷️ **joshmanders** added `type: support` and removed **needs: more info** labels on 16 Dec 2016

facundomedica commented on 16 Dec 2016 — Contributor

Okay, I joined the slack channel and **@joshmanders** guide me through a lot of steps just to find out that I had a firewall setted up. It was disabled using this command: `sudo ufw disable` .

👍 4

🔖 **facundomedica** closed this on 16 Dec 2016

🔖 **facundomedica** referenced this issue on 16 Dec 2016

Document potential firewall problem on Ubuntu 16.04 #2533   🔀 Merged

joelgriffith commented 23 days ago

FWIW I recently ran into this: and the `ufw` above resolved my issue. More specifically I have my app on `3000` , and had to do:

```
  $ sudo ufw allow 3000
```

Might be good to add this as a note/step in the docs? I'd be happy to open a PR

josegonzalez commented 23 days ago — Owner

@joelgriffith mind making a pr?

As an aside, commenting an a year+ old issue isn't great etiquette, it notifies folks that may no longer be using the repo in question.

👍 1

joelgriffith commented 23 days ago

Sure, can understand that sentiment, was hoping to help anyone later who's searching for resolutions later (which is how I stumbled upon this thread).