



EMC {code}

Community Onramp for
Developer Enablement

"CODE OPEN, DEPLOY EVERYWHERE" - EMC believes in open source.
CODE is here to share and collaborate with developers worldwide.

HELLO WORLD



We are beyond excited that this is the 50th Issue of our EMC {code} Weekly Newsletter! Thank you for being a part of this past year and we look forward to many more.

Today we wanted to bring you the latest blog post on OpenStack Heat. If you like what you've been reading then please spread the word about EMC {code} and our Community as we promise to always "code open and deploy everywhere."

We'll continue to distill, aggregate and share news related to the EMC {code} Community and industry happenings. We'll provide the content, but we need your feedback. You can always reach us at emccode@emc.com.

code.community

EMC {code} Community

The EMC {code} Team has been busy speaking at a variety of meetups and responding to inquiries in the EMC {code}

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[EMC {code} Blog](#)

[EMC {code} Community](#)

[#DevHigh5 Program & FAQ](#)

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Seattle Node.js

Wednesday, February 3rd
6:30-9PM

Please join the [RackHD team](#) members, as they share their efforts in hardware management and orchestration with Node.js. For more information and to RSVP please visit the [Meetup invitation](#).

Want to see all of our upcoming events?

Check out the [EMC {code} Events Google Calendar](#) to keep up to date!

Community Slack tool. We love this part of the job, building a community. We get to work with a variety of people from all over the world creating a worldwide community interested in open source projects.

We want you! Join us!

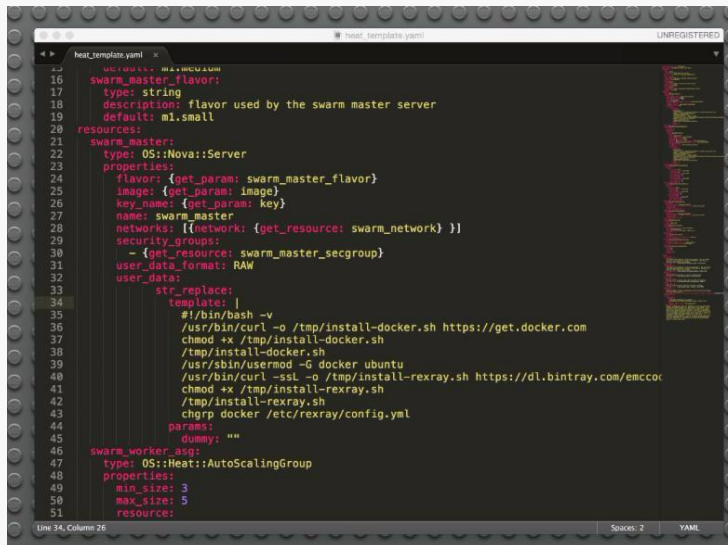
There are a variety of ways to connect:

- Slack: [EMC {code} Community](#)
- Twitter: [Follow us](#)
- Attend an event: [EMC {code} Calendar](#)

code.team

Deploying a Docker Cluster with OpenStack Heat

In our latest blog post, [Drew Smith](#) shows off orchestration that may help deploy container platforms inside of OpenStack with storage persistence. Smith's work and video highlight a first step towards embracing other OpenStack projects like Magnum. [Check out the blog](#) for a tutorial on how to run OpenStack Heat to deploy a Docker cluster with REX-Ray.



```
heat_template.yaml
16  swarm_master_flavor:
17  type: string
18  description: flavor used by the swarm master server
19  default: m1.small
20  resources:
21  swarm_master:
22    type: OS::Nova::Server
23    properties:
24      flavor: {get_param: swarm_master_flavor}
25      image: {get_param: image}
26      key_name: {get_param: key}
27      name: swarm_master
28      networks: [{network: {get_resource: swarm_network}}]
29      security_groups:
30        - {get_resource: swarm_master_secgroup}
31      user_data_format: RAW
32      user_data:
33        str_replace:
34          template: |
35            #!/bin/bash -v
36            /usr/bin/curl -o /tmp/install-docker.sh https://get.docker.com
37            chmod +x /tmp/install-docker.sh
38            /tmp/install-docker.sh
39            /usr/sbin/usermod -G docker ubuntu
40            /usr/bin/curl -sL -o /tmp/install-rexray.sh https://dl.bintray.com/emccor
41            chmod +x /tmp/install-rexray.sh
42            /tmp/install-rexray.sh
43            chgrp docker /etc/rexray/config.yml
44      params:
45        dummy: ""
46  swarm_worker_asg:
47    type: OS::Heat::AutoScalingGroup
48    properties:
49      min_size: 3
50      max_size: 5
51    resource:
```

code.industry

Containers:

- [Unikernels are unfit for production](#)
- [A Look Inside Container Monitoring](#)

Open Source:

- [Walmart goes open source with development and lifecycle management offering](#)
- [New open-source ad-blocking web browser emerges](#)

code.overheard



"Overheard at
#CES2016... "I love
innovation. I just don't like
change that much."
#OHatCES"

@VickiLins

For feedback, topic ideas, or
corrections, please email
emccode@emc.com.

*The {code} newsletter is edited
by [Stephanie Carlson](#).*

[from brain of ex-Mozilla boss Eich](#)

- [Open-source GPU could push computing power to the next level](#)
- [5 keys to project success on GitHub](#)

Cloud:

- [New - AWS Certificate Manager - Deploy SSL/TLS-Based Apps on AWS](#)

In Other Tech News:

- [The Top A.I. Breakthroughs of 2015](#)
- [Off-The-Shelf Hacker: Three DIY Trends Enterprises Should Watch](#)
- [Remix OS : A Peek into The Future of Android on the Desktop](#)
- [How many IoT devices do you own?](#)

code.learn

Opensource.com has made the first chapter in a book "The Open Organization book" [available for download](#).

We hope you enjoyed the 50th issue of the EMC {code} newsletter.
Thanks for subscribing!