

Managing VMware infrastructure using salt-cloud

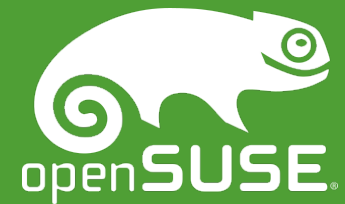
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whoami

couple of things about me ...

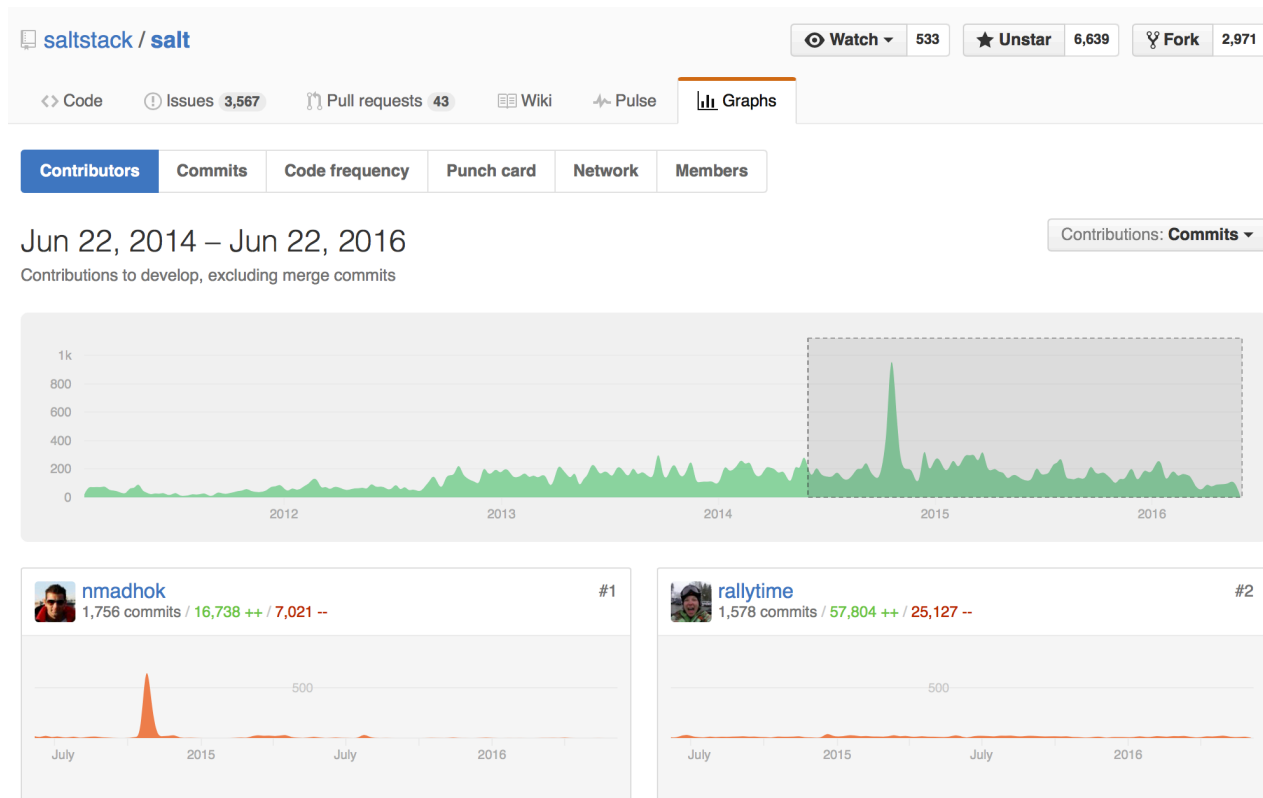
- Spoken at various conferences including SaltConf15, OpenStack Summit 2015 (Tokyo), SaltConf16, openSUSE conference 2016 (Germany) etc.
- Involved with the saltstack project since it's early stages and also actively contribute to other open source projects such as OpenStack, GitLab etc.
- Few of the significant contributions made include making Salt compatible with Python 3, creating salt-cloud VMware driver, creating DNS/ASAM/Spacewalk runners, creating ZFS/Zpool modules, maintaining saltstack-formulas etc.



whoami

couple of things about me ...

- #1 rank by commits for contributions made to SaltStack projects within the past two years!



agenda

what we will cover ...

- What is salt-cloud?
- Basic terminology
 - Providers
 - Profiles
 - Maps
- Live demo using salt-cloud with VMware



salt-cloud

what is it? why was it created?

- It is a private/public cloud provision tool
- Integrates salt with cloud providers
- Makes modeling and provisioning of minions quick and easy
- Initially created to automatically accept keys on the master
- Current integration with AWS, Azure, DigitalOcean, Google Compute Engine, HP Cloud, OpenStack, Rackspace, SoftLayer, VMware and many more!



basic terminology

providers? profiles? maps?

- Provider contains cloud provider related information.
Default location is [*/etc/salt/cloud.providers*](#)
- Profile contains VM related information.
Default location is [*/etc/salt/cloud.profiles*](#)
- Map can be used to specify multiple VM's using the same profile.
Default location is [*/etc/salt/cloud.map*](#)



Live Demo

Learn how to set up, configure, manage your VMware environment and deploy VMs using salt-cloud

Presentation content at:
<https://github.com/nmadhok/oSC16>

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Thank you.



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