



Managing VMware infrastructure with SaltStack Cloud Management

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whoami

couple of things about me ...

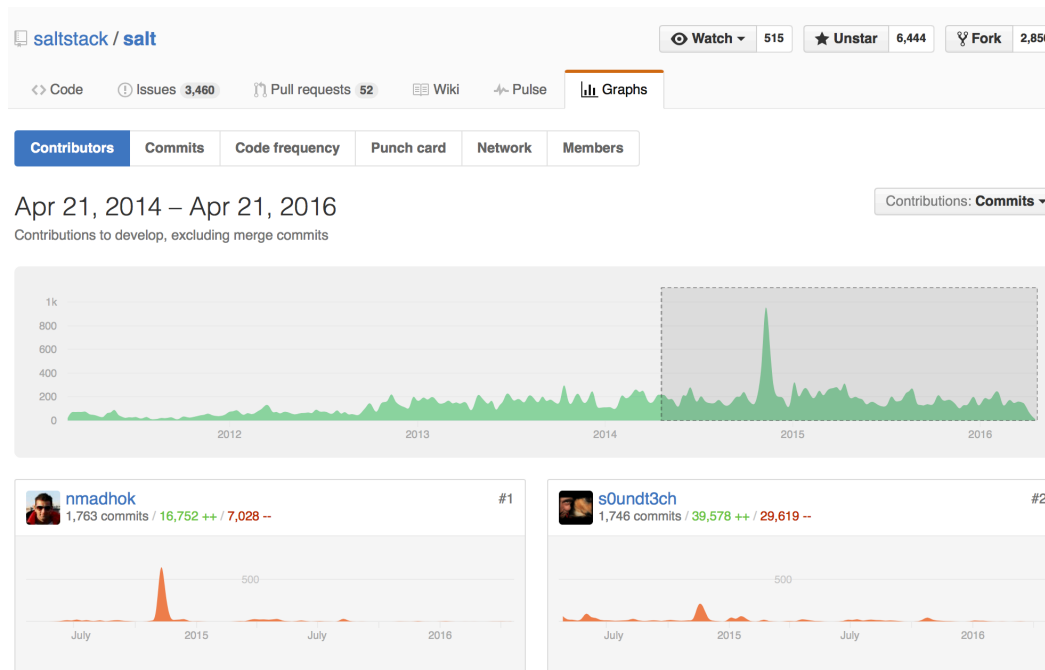
- Spoken at various conferences including SaltConf15, OpenStack Summit 2015 (Tokyo), SaltConf16 etc.
- Some of the significant contributions made include making Salt compatible with Python 3, creating salt-cloud VMware driver, creating DNS/ASAM/Spacewalk runners, creating ZFS/Zpool modules, maintaining 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/saltconf16>





Thank you

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