



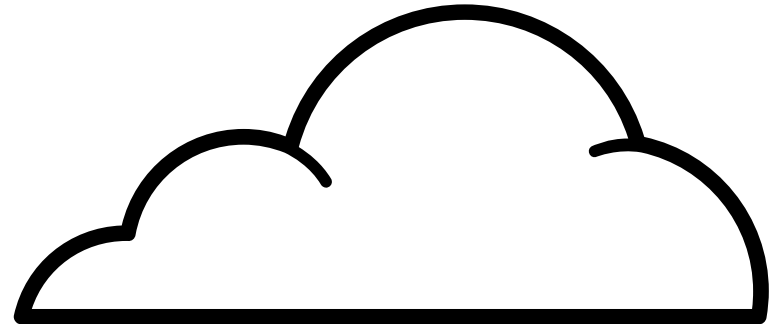
Bootstrap / Getting Started Using Puppet Deployment

Dan Radez, Red Hat OpenStack
Tim Rozet, Red Hat SDN



Agenda

- OPNFV Requirements
- Proposed Solution
- Status Update / Timeline
- Involvement





OPNFV Requirements



OPNFV Requirements

- Openstack Juno & OpenDaylight Helium
- CentOS 7
- OpenStack like CI
- Baremetal Testing Environment
- High Availability
- Ceph Storage



Proposed Solution



Proposed Solution

- RDO Juno



Red Hat's Community OpenStack

RDO

openstack.redhat.com



Proposed Solution

- RDO Juno
- CentOS 7



Proposed Solution

- RDO Juno
- CentOS 7
- Jenkins / Khaleesi



Proposed Solution

- RDO Juno
- CentOS 7
- Jenkins / Khaleesi
- Foreman



Provisioning and Puppet Master



theforeman.org



Proposed Solution

- RDO Juno
- CentOS 7
- Jenkins / Khaleesi
- Foreman
- Puppet



Proposed Solution

- RDO Juno
- CentOS 7
- Jenkins / Khaleesi
- Foreman
- Puppet
- Tempest

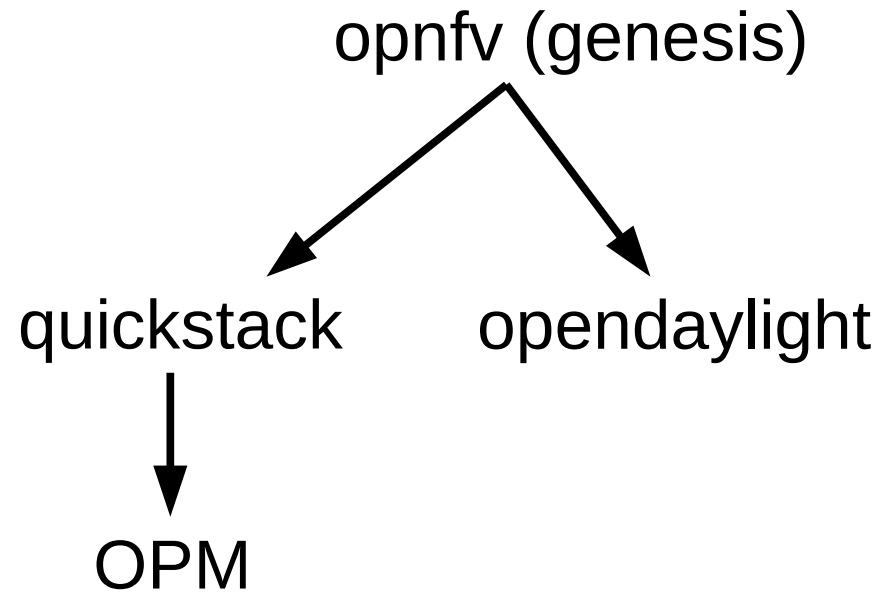


Proposed Solution Puppet Modules



Puppet modules

- OpenStack Puppet Modules (OPM)
- Puppet-opendaylight
- Quickstack
- Genesis





Proposed Solution Workflow

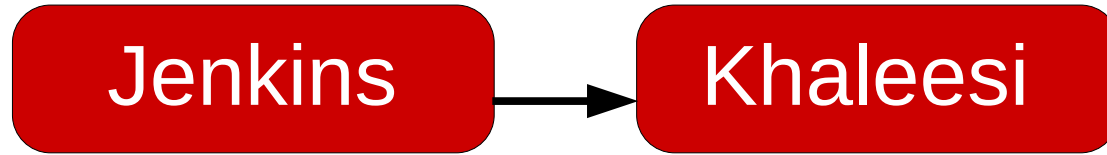


Workflow

Jenkins



Workflow





Workflow



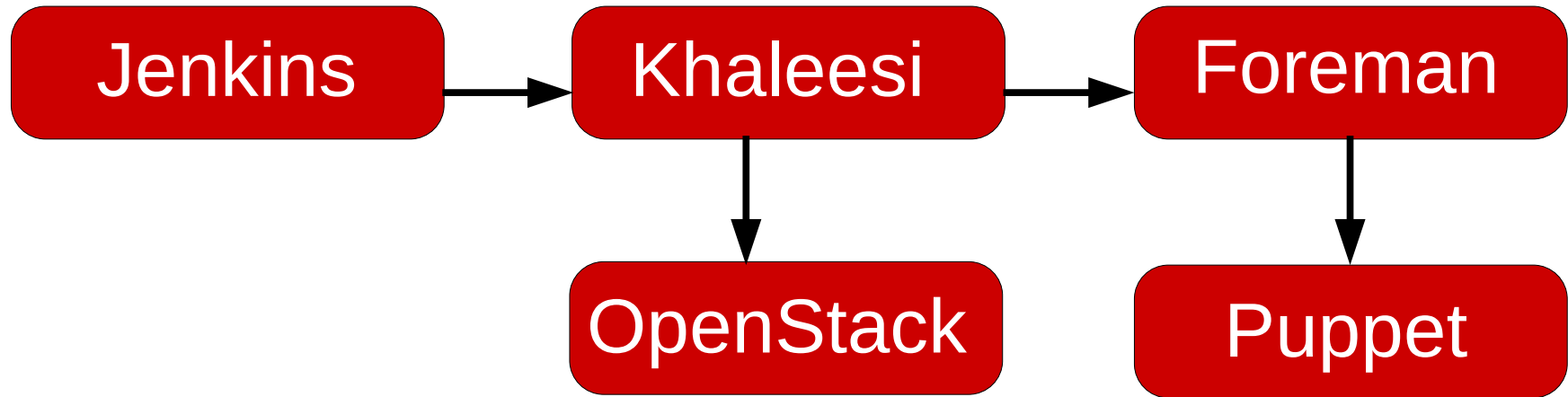


Workflow



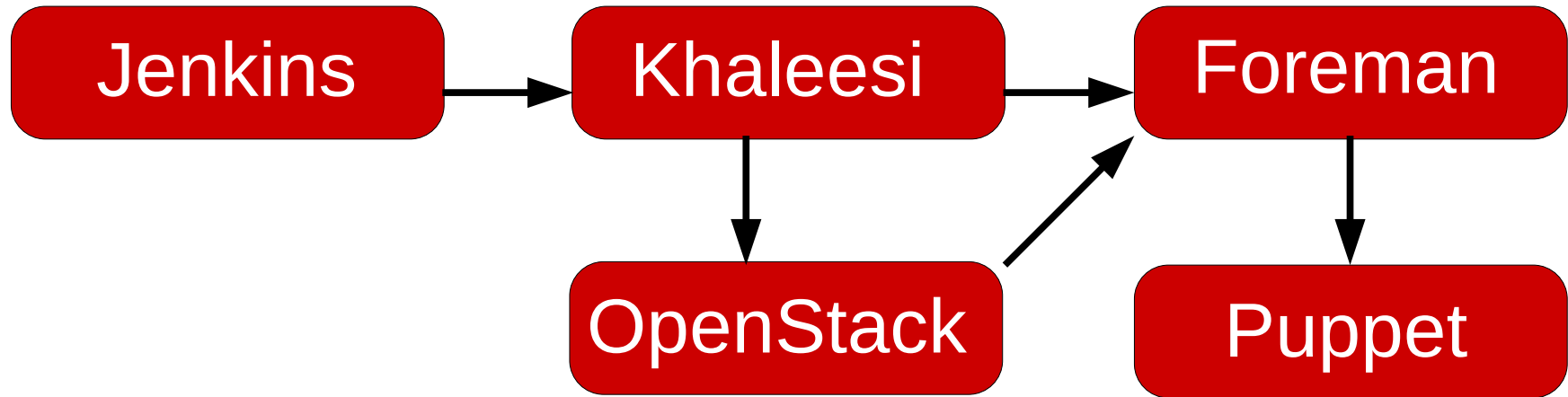


Workflow



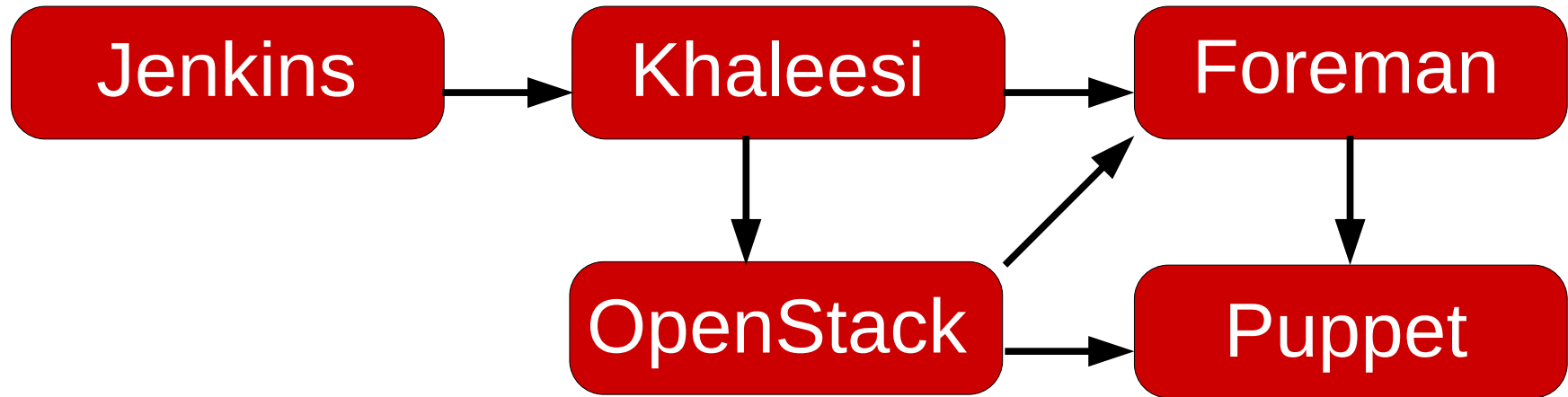


Workflow



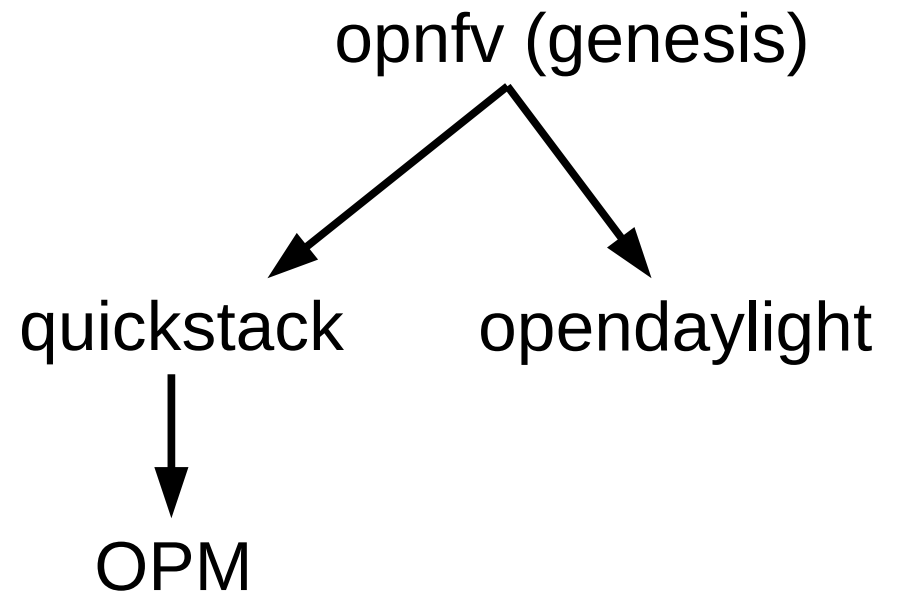
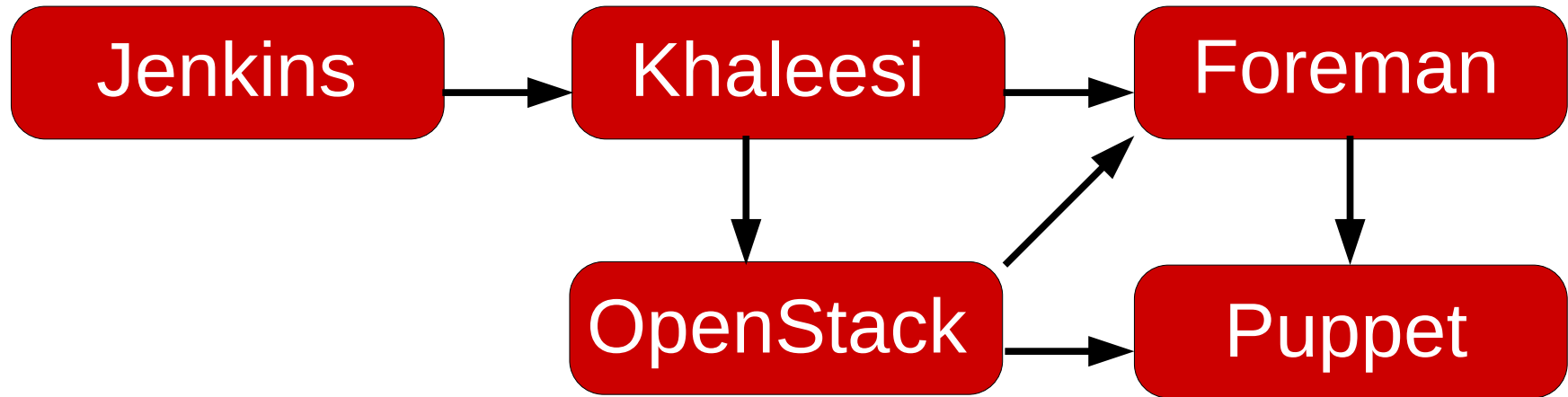


Workflow



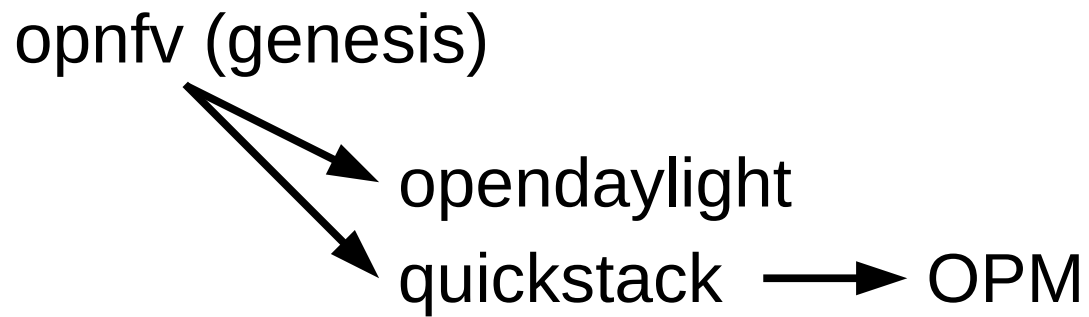
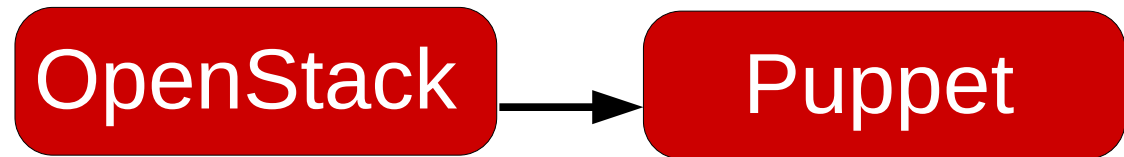


Workflow





Simplifying It





Status / Timeline



Status

Proposed
Solution



Status

Proposed
Solution

OPNFV
Validation



Status

Developer
Tools

Proposed
Solution

OPNFV
Validation



Resources

- RDO: openstack.redhat.com
- <http://theforeman.org>
- <http://github.com/redhat-openstack/khaleesi>
- https://wiki.opnfv.org/get_started
- <https://gerrit.opnfv.org/gerrit/#/admin/projects/genesis>