Me

Beta:

hardware minimums

Hardware for test David Aiken. Jim Baker

Release notes from Gavin

UI team and text David Schadle

2.0

Keystone Tim Cuddy

Ceilometer Tim Cuddy

Networking Tammy and Jack Mc cann

Outline

IDENTITY/KEYSTONE OUTLINE

1. General Service Overview
   1. What is the Identity service
      1. Based on the Keystone service; default settings
      2. Authentication
      3. Authorization
      4. Projects, Users, and Roles
   2. Supported Functionality
      1. Keystone local authentication
      2. Service account users
   3. Experimental Functionality
      1. Domains
      2. Authentication with external AD/LDAP providers (no current Horizon support)
      3. Keystone Federation
      4. Identity Provider via SAML as external authentication source
      5. Domain Admin API
2. Keystone Service Installation
   1. Pre-installation files to edit
   2. Installation process
3. Updating Keystone
   1. What modifications can be made
   2. What files to edit/create
   3. How to deploy changes
   4. Deviations from Openstack.org Keystone documentation
4. Support and Troubleshooting

METERING/CEILOMETER OUTLINE

1. General Service Overview
   1. What is the Metering service
      1. Based on the Ceilometer service
      2. Target Use cases (showback/chargeback/billing)
      3. What about monitoring use cases (see Monasca service)
      4. Deployment options
         1. Limited via 3 control plane node deployment
         2. Production via separate control plane node deployment (stretch goal for HOS v2.0)
      5. Supported Functionality
         1. Collection of notification-based events (no polling events)
         2. Alarms API turned off by default
         3. List of meters collected
            1. Limited deployment
            2. Production deployment
2. Metering Service Installation
   1. 3 Control plane node deployment
   2. Separate control plane deployment
3. How to access metrics
   1. Ceilometer API (pointer to openstack.org docs)
   2. Sample queries
4. Support and Troubleshooting

Team

Preliminary outline for 2.0

Underlined topics may be all that is needed for beta. Will know more soon

Beta: Single-bond, 3-node control-plane is the target. Template not yet available.

* Release notes
* Technical overview
* Install overview step by step overview
* Support matrix. A section specifically for the beta
* **Upgrade not sure what is upgrading. Frank’s meeting today 7/16**
* Hardware and network planning
  + Reference architectures/supported architectures – one for beta-from Hari’s team
  + Hardware choices- from Hari’s team
  + Data center prep- from Hari’s team
  + Data storage
  + Capacity
  + Control plane -- one config for beta
  + Data storage prep
    - Cinder
    - Swift
  + Node types and their requirements --limited for beta
  + Network size and separation
  + Security
  + Physical node preparation
  + Installing/configuring NICs --one bond for beta
  + Installing NTP (still not sure if HLM takes care of this)
  + Gathering config data. may be simpler for beta as the config is predetermined
  + Basic cloud
  + Virtual install
  + KVM vs ESX?
* Installing with HLM
  + OS installation. perhaps beta will actually do the hLinux install
  + HLM data inputs
  + Install steps
  + Choose services
  + Failure
  + Verification
  + Start cloud
* Managing with HLM
  + Backup and restore
  + Add node
  + Remove node
  + Scale up or down
  + Repair node
  + Update node
  + Move node
  + Move service
  + Monitoring
    - Usage
    - Health
* Keystone:
  + Creating users, tenants, projects.
  + LDAP integration
* All services, minimum: Intro to the service. Version of the service. Deltas from openstack. Managing and day to day tasks? Meet with Professional services
* **Swift**
* **Glance**
* **Horizon**
* **Monasca**
* **Neutron**
* **Cinder**
* **Ceph**
* Heat
* Sherpa
* Ceilometer
* Sirius
* Ironic