2.0.0 (build 163)

Special Notes

- this is a 2.0 beta 1 release, still plenty of changes in this release, and we did some initial tests on it.
- 15 new features are added, and 41 bugs are fixed till this release.

New Features

- VSM-135 CentOS 6.5 and 7.0 Support
- VSM-296 Show performance on the dashboard
- VSM-4 Average Response Time" missing in dashboard Overview panel "VSM Status" section.
- VSM-159 add issue reporting tool
- VSM-156 add sanity check tool to help identify potential issues before or after deployment
- VSM-15 VSM-backup prompt info not correct
- VSM-124 [CDEK-1852] VSM | adding possibility to manipulate ceph values in cluster.manifest file
- VSM-242 Allow user to modify ceph.conf outside VSM
- VSM-184 add automated script to help deploy VSM on multiple nodes
- VSM-103 Suport a Single Keystone Instance in OpenStack Environments
- VSM-303 Ajust the UI like openstack dashboard
- VSM-54 On OSD Status page: Provide filter option to only display OSDs that are not up and in
- VSM-190 Add disks to cluster
- VSM-220 Operator expects to know what's happending inside ceph cluster through performance counters
- VSM-134 Ubuntu 14.X Support

Resolved bugs

- VSM-318 "remove osd" doesn't work
- VSM-325 Monitor: negative update time shown on monitor status when removing an monitor.
- VSM-269 Smart info doesn't work in Device mgmt.
- VSM-324 Monitor: inconsistent monitor number on Monitor status page when removing one monitor
- VSM-326 UI: the progress indicator is not showing at the center of screen but the top-left
- VSM-323 Installer: when installing diamond on each agents, there are a lot of File or Folder not found issues
- VSM-306 when executing buildvsm on ubuntu, the script complains no vsm user created
- VSM-263 The pie chart in "Storage Group Status" page is disappeared.
- VSM-320 if installing from a node instead of the controller, the installation will be stopped at missing deployrc
- VSM-176 SSL certificate password is stored in a plain text file
- VSM-230 when presenting pool to openstack, cache tiering pools should be listed.
- VSM-26 [CDEK-1664] VSM | Not possible to replace node if ceph contain only 3 nodes.
- VSM-51 Install Fails for VSM 0.8.0 Engineering Build Release
- VSM-236 no way to check manifest correctness after editing them
- VSM-29 VSM-agent process causes high i/o on os disk
- VSM-216 Add storage group requires at least 3 nodes
- VSM-33 negative update time in RBD list
- VSM-113 [CDEK-1835] VSM | /var/log/httpd/error_log - constantly ongoing messages [error] <Response [200]>
- VSM-179 keep ceph.conf up to date when executing "remove server" operations.
- VSM-177 wrong /etc/fstab entry for osd device mount point
- VSM-233 console blocks when running automatic installation procedure
- VSM-239 with automatic deployment, the execution is blocked at asking if start mysql service
- VSM-166 cluster*manifest sanity check program gives incorrect advice for auth*keys
- VSM-207 can't assume eth0 device name
- VSM-224 Controller node error in /var/log/httpd/error_log - constantly ongoing messages [error] <Response [200]>
- VSM-121 Storage node unable to connect to controller although network is OK and all setting correct
- VSM-244 Internal server error when installing v1.1
- VSM-123 Storage node will not be able to contact controller node to install if http proxy set

- VSM-171 [CDEK1672] VSM_CLI | list shows Admin network in Public IP section
- VSM-168 [CDEK1800] VSM_CLI | remove mds - doesn't update vsm database
- VSM-193 hard-coded cluster id
- VSM-260 the check*network in server*manifest will be wrong when it has a single network card
- VSM-317 the update time in MDS block is empty
- VSM-249 can not open dashboard and get the debug infomation "Invalid block tag: 'horizon_nav'"
- VSM-299 when after installed vsm, but no ceph cluster deployed, there is still show 3 storage groups
- VSM-310 with Firefox, for all tables, the vertical separator between the first and second column gets disappered
- VSM-313 the logo is disappeared when running on IE 11
- VSM-314 there is no progress indicator when an operation is not returned.
- VSM-316 the button style in "device management" page is different from others.
- VSM-311 The blocks in dashboard are exceed out of the width of heading
- VSM-315 "add server" doesn't work in alpha 2

Known issues

- VSM-332 sometimes diamond service start failed
- VSM-330 When upgrading from Firefly to Giant, the upgrade complains missing python-rados package

2.0.0 (build 149)

Special Notes

- this is a 2.0 alpha 2 release, we did some initial tests on it.
- 29 new features are added, and 47 bugs are fixed till this release.

New Features

- VSM-63 Filter/Identify OSDs that are not up and in
- VSM-61 Openstack Prod release alignment with VSM
- VSM-55 Paginate OSD pages
- VSM-10 VSM1.0 -[CDEK-1190] VSM "Create cluster" cannot select storage nodes or monito
- VSM-304 Support to present pool to Openstack Juno All in one
- VSM-282 current installer scripts only support ip address based, it's also required to support host name based
- VSM-256 current logic enforces 3 replicas, somethings user may require to loose or tighten the enforcement.
- VSM-257 reorganize functions inside installer to make it's possible to install controller or agent separately
- VSM-243 the "create cluster" button doesn't take in effect after click on ubuntu 14
- VSM-235 make scripts can support both rpm and deb packages
- VSM-222 It's necessary to import a VSM created cluster by VSM itself.
- VSM-221 upgrade vsm dependent openstack packages to juno
- VSM-212 request to support ceph hammer release
- VSM-209 support multiple subnets
- VSM-189 "Add Server" progress
- VSM-163 server_manifest does not check for local host in /etc/hosts
- VSM-154 Request to have a new column on storage-group-status page to have number of OSD's in each storage group.
- VSM-143 On OSD Status page, limit to 100 OSDs per page
- VSM-144 On OSD Status page, sort OSDs by status, server, % capacity used
- VSM-130 OpenStack Juno Support
- VSM-94 Implement Pass-through Parameters
- VSM-85 Storage Group Status improvements
- VSM-89 Full OS disk indication
- VSM-84 Improved server status reporting
- VSM-83 Restart stopped monitor
- VSM-69 Override default PG per OSD value
- VSM-73 Zone monitor warning
- VSM-46 overlay vsm with existing ceph cluster

- VSM-23 Create User UI should prompt more information

Resolved bugs

- VSM-305 presenting pool should keep backward comatibility, say working with juno, icehouse, havana
- VSM-300 if no cluster is created, when open "server management"\"manage servers", the Ui becomes messy
- VSM-298 on dashboard, when adding new monitors, the monitor block doesn't update accordingly
- VSM-297 on dashboard, the storage group balls have no data
- VSM-293 wrong version of vsm displayed in the dashboard
- VSM-295 the installation fails at downloading dependent packages if http proxy is required
- VSM-292 the background of tool tip is not clear to view
- VSM-286 present pools to openstack again after you have presented pools, the attach status is always starting
- VSM-285 present multi pools to openstack cinder, the cinder.conf is not complete
- VSM-287 messy login window if accessing https:///dashboard
- VSM-284 at cluster status monitor, it's expected to provide complete summary instead the partial information from dashboardard
- VSM-283 after restart ceph cluster, the osd tree becomes messy
- VSM-280 "Internal Server Error" when click on "Data Device Status"
- VSM-278 after I add a server by clicking 'add server',the osd tree become messy
- VSM-279 click 'restart osd' or 'restore osd',the osd tree will become messy
- VSM-281 on dashboard, the cluster status like "warning" shouldn't be clickable
- VSM-276 Allow agent to be deployed on nodes where no ceph role assigned
- VSM-277 click on "add storage group" will tigger "something went wrong" error on UI
- VSM-272 on OS with newer rabbitmq version like 3.4, message queue can't be accessed
- VSM-273 "Import Error name Login" received when try to login to web console
- VSM-275 the overview page is messy with Firefox
- VSM-270 reinstall the keystone when deploy the vsm
- VSM-266 Dashboard UI correction
- VSM-265 Click Manage VSM\"Add/Remove User"\"Change Password", no page shows up
- VSM-264 on "PG Status" page, the text layout is messy.
- VSM-267 The logo is not fully shown.
- VSM-268 Can't create EC pool
- VSM-262 when clicking on "device management", the page shows "something went wrong"
- VSM-258 wrong dependencies url
- VSM-259 script 'vsm-agent' missing LSB tags and overrides
- VSM-253 A lot of buttons is invalid such as "addmonitor","removemonitor","addserver","removeserver","restore osd","remove osd" and so on
- VSM-254 the successful tip boxes can't shut down such as "Success: Successfully created storage pool: "
- VSM-255 when creating ceph cluster with one zone defined, the ceph cluster keeps in health_warn status
- VSM-252 Most of the interface's auto refresh function is invalid
- VSM-251 after clicked clusterManagement->create cluster->create cluster,there is not mds created.
- VSM-250 Error when packing
- VSM-245 error creating cluster
- VSM-231 VSM | Not possible to choose the machines during cluster creation
- VSM-229 Error state displayed on green color
- VSM-225 VSM Creates Very Small pg*num and pg.*num Size for EC Pool
- VSM-218 on centos 7, the web layout is messy
- VSM-195 if no cluster initialized, the UI shouldn't knock at 'manage servers'.
- VSM-194 User experience: OSD Status and Manage Devices.
- VSM-180 When a cluster is destroyed and recreated, VSM controller increments the cluster id (aka database rowid)
- VSM-153 after clicked vsm->settings->update,there is no successful tip
- VSM-68 Veriffy there are enough discrete servers and/or zones to support a VSM requested replication level
- VSM-5 KB used in "Pool status" panel not consistent with "ceph df" in backend

Known issues

- VSM-313 the logo is disappeared when running on IE 11

2.0.0 (build 123)

Special Notes

- this is alpha 1 release for 2.0, which is not well verified yet, just for early preview.

1.1_1

Special Notes

- this is a bugfix release for 1.1, which fixed the issues found in VSM-242 ("Allow user to modify ceph.conf outside VSM"). Also adding an new script uninstall.sh to help uninstall VSM in the case user expects to restart installation again.

New Features

- VSM-209 support multiple subnets

Resolved bugs

- VSM-260 the check*network in server*manifest will be wrong when it has a single network card

Known issues

-

1.1

Special Notes

- starting from v1.1, the vsm dependencies are maintained on vsm-dependencies repository for tracking and trouble shooting.
- starting from v1.1, an automatic deployment tool is provided to deploy whole vsm controller and agents from one placement.

New Features

- VSM-156 add sanity check tool to help identify potential issues before or after deployment
- VSM-159 add issue reporting tool
- VSM-184 add automated script to help deploy VSM on multiple nodes
- VSM-242 Allow user to modify ceph.conf outside VSM

Resolved bugs

- VSM-4 Average Response Time" missing in dashboard Overview panel "VSM Status" section.
- VSM-15 VSM-backup prompt info not correct
- VSM-25 VSM Dashboard | Capacity of hard drives is wrong and percentage used capacity is not correct.
- VSM-26 [CDEK-1664] VSM | Not possible to replace node if ceph contain only 3 nodes.
- VSM-29 vsm-agent process causes high i/o on os disk
- VSM-33 negative update time in RBD list
- VSM-51 Install Fails for VSM 0.8.0 Engineering Build Release
- VSM-113 [CDEK-1835] VSM | /var/log/httpd/error_log - constantly ongoing messages [error] <Response [200]>
- VSM-121 Storage node unable to connect to controller although network is OK and all setting correct
- VSM-123 Storage node will not be able to contact controller node to install if http proxy set
- VSM-124 [CDEK-1852] VSM | adding possibility to manipulate ceph values in cluster.manifest file
- VSM-166 cluster*manifest sanity check program gives incorrect advice for auth*keys
- VSM-168 [CDEK1800] VSM_CLI | remove mds - doesn't update vsm database

- VSM-171 [CDEK1672] VSM_CLI | list shows Admin network in Public IP section
- VSM-176 SSL certificate password is stored in a plain text file
- VSM-177 wrong /etc/fstab entry for osd device mount point
- VSM-179 keep ceph.conf up to date when executing "remove server" operations.
- VSM-193 hard-coded cluster id
- VSM-207 can't assume eth0 device name
- VSM-216 Add storage group requires at least 3 nodes
- VSM-217 Problem with replication size on "pool" created on newly added storage group.
- VSM-224 Controller node error in /var/log/httpd/error_log - constantly ongoing messages [error] <Response [200]>
- VSM-230 when presenting pool to openstack, cache tiering pools should be listed.
- VSM-233 console blocks when running automatic installation procedure
- VSM-236 no way to check manifest correctness after editing them
- VSM-239 with automatic deployment, the execution is blocked at asking if start mysql service
- VSM-244 Internal server error when installing v1.1

Known issues

-

1.0

Special Notes

```
For installation, please check the INSTALL.md on current release branch instead of the one on master branch.
```

New Features

```
Openstack Icehouse support
```

Fixed bugs

```
VSM-187 GUI shows always replication 3 when replicated pool is other than "Same as Primary"
VSM-183 ct_target_max_mem_mb and ct_target_max_capacity_gb sets the same value in create cache tier
VSM-182 add osd_heartbeat_grace and osd_heartbeat_interval to cluster.manifest
VSM-173 Can select same storage group in create replicated pool -- which should not
```

Known issues

```
VSM-191 VSM does not display the replica storage group.
VSM-192 force nonempty.
VSM-188 Missing column in manage pool page.
```