Ceph 软件更新流程

1. 微网云发布软件更新包到微网云的服务器
2. ceph-deploy节点的【检查更新按钮】，获取ceph-deploy节点上管理集群的ceph版本号，获取微网云发布的软件更新版本号，如微网云版本号较新，提示用户有新版本，是否需要下载更新，选择【是】or【否】。

3.1 集群管理节点更新ceph-deploy

sudo apt-get install ceph-deploy

3.2 集群更新Ceph monitors

ansible mon\_01 -a "mkdir ~/ceph\_upgrade\_tmp" -u mnvadmin –sudo

scp ceph.12.2.x.tar.bz2 mon\_01:~/ceph\_upgrade\_tmp

ansible mon\_01 -a "tar xjvpmf ~/ceph\_upgrade\_tmp/ ceph.12.2.x.tar.bz2 -C / " -u mnvadmin –sudo

ansible mon\_01 -a "sudo restart ceph-mon id=mon\_01" -u mnvadmin –sudo

ansible mon\_01 -a "rm –r ~/ceph\_upgrade\_tmp" -u mnvadmin –sudo

ceph mon stat

观察ceph monitor状态

依照上述操作更新其他mon节点

* 1. 集群更新Ceph osd

ansible osd\_01 -a "mkdir ~/ceph\_upgrade\_tmp" -u mnvadmin –sudo

scp ceph.12.2.x.tar.bz2 osd\_01:~/ceph\_upgrade\_tmp

ansible osd\_01 -a "tar xjvpmf ~/ceph\_upgrade\_tmp/ ceph.12.2.x.tar.bz2 -C /" -u mnvadmin –sudo

ansible osd\_01 -a "sudo restart ceph-osd-all" -u mnvadmin –sudo

ansible osd\_01 -a "rm –r ~/ceph\_upgrade\_tmp" -u mnvadmin –sudo

ceph osd stat

观察ceph osd状态

依照上述操作更新其他osd节点

* 1. 集群更新Ceph Ceph Metadata Servers

ansible mds\_01 -a "mkdir ~/ceph\_upgrade\_tmp" -u mnvadmin –sudo

scp ceph.12.2.x.tar.bz2 mds\_01:~/ceph\_upgrade\_tmp

ansible mds\_01 -a "tar xjvpmf ~/ceph\_upgrade\_tmp/ ceph.12.2.x.tar.bz2 -C /" -u mnvadmin –sudo

ansible mds\_01 -a "sudo restart ceph-osd-all" -u mnvadmin –sudo

ansible mds\_01 -a "rm –r ~/ceph\_upgrade\_tmp" -u mnvadmin –sudo

ceph mds stat

观察ceph mds状态

依照上述操作更新其他mds节点

3.5集群更新Ceph Object Gateways

3.6 更新客户端