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클라우드

- 클라우드용 이미지 생성

클라우드 통합 관리 솔루션(포털)

- LG CNS - CloudXper https://www.lgcns.co.kr/
- 나임네트웍스 - 탱고 http://www.naimnetworks.com/
- 세림TSG - SCI(Selim Cloud Integrator) http://www.selim.co.kr/
- 인재INC - CONE(Cloud One Stop Service) http://www.injeinc.co.kr/
- 이노그리드 - CloudIT http://www.innogrid.com/
- 에스피테크놀러지 - Cloud Self Service http://www.cloudtek.co.kr/
- 아이엔소프트 - Cloud Mesh http://www.in-soft.co.kr/
- 데이타솔루션 - CUNi http://www.datasolution.kr/

OpenStack

- Redhat Openstack Platform Lifecycle
- Evaluating OpenStack: Single-Node Deployment
- Add space to file-backed cinder lvm volume group
- https://docs.openstack.org/puppet-openstack-guide/latest/install/releases.html - Openstack version & codename
- https://docs.openstack.org/cinder/latest/reference/support-matrix.html - Openstack Cinder Driver support matrix

- Dell EMC Unity and VNX Cinder driver containerization with OSP16
- Dell EMC Manila driver containerization with OSP16
- Dell RedHat Openstack
- Openstack Network naming

- https://access.redhat.com/solutions/2426411 프로비저닝 네트워크 본딩

- 레드햇 오픈스택 지원 모듈 목록
- Cinder 지원 드라이버 목록
- Manila Backend Support Matrix

- Openstack version comparison Community VS RedHat

설치 / 일반

- Purestorage cinder-volume connect
- CentOS 7 에 Openstack Train 버전 설치
- RedHat - Overcloud 삭제
- RedHat - Undercloud 삭제
- Overcloud node stuck in 'clean wait'
- How to find out which version of RHOSP is installed
- Config download already in progress

- How to set root password in overcloud nodes
- baremetal node get system uuid
- RedHat Openstack version 확인
- RedHat Openstack ansible deploy log
- Openstack CADF logging
- Openstack instance console log

Compute / KVM / Libvirt

- Cirros image DHCP client
- Instance root password injection
- Instance stuck in a non-working state
- NVIDIA Multi Instance GPU(MIG) on Openstack
- Migrate a Live (running) Instance

Volume / Image / Storage / Disk

- Attched 볼륨 크기 변경
- Official Cirros Image

- KVM 에서 클라우드용 이미지 만드는 방법
- 인스턴스 삭제 시 볼륨 삭제(delete on termination) 변경
- 인스턴스 볼륨 갯수 제한
- 이미지 업로드 실패하는 경우
- RHEL_CLOUD_QCOW_이미지_설정
- Image has no associated data
- 인스턴스 이미지 백업/복구
- Manila 아키텍처

Network

- Neutron 설정 확인
- RabbitMQ 성능 튜닝 with OVS
- KeepAlived VRID mismatch [Dropping received VRRP packet]
- ovs-vsctl 정보 확인
- OVN Database content
- OVN control commands
- Octavia LoadBalancer

Baremetal / Ironic

- Ironic Baremetal Service
- Ironic Network Architecture
- Ironic 베어메탈 관리 서비스의 네트워크 모델
- Ironic 베어메탈 인스턴스의 배포 프로세스
- Ironic 구성
- Ironic BIOS or UEFI

Configuration

- Global Configuration - https://docs.openstack.org/latest/configuration/
- Cinder - https://docs.openstack.org/cinder/latest/configuration/block-storage/config-options.html
- Glance - https://docs.openstack.org/glance/latest/configuration/configuring.html
- Horizon - https://docs.openstack.org/horizon/latest/configuration/settings.html
- Neutron - https://docs.openstack.org/neutron/latest/configuration/config.html
- Nova - https://docs.openstack.org/nova/latest/configuration/config.html

노드별 NIC 매핑

- https://access.redhat.com/documentation/en-us/red_hat_openstack_platform/16.2/html/advanced_overcloud_customization/additional-network-configuration#configuring-custom-interfaces
- https://access.redhat.com/solutions/5975981 노드 nic 매핑1
- https://access.redhat.com/solutions/4900831 노드 nic 매핑2

RedHat Openstack 16

- RedHat Openstack 16.1 Installation
- RedHat Openstack 16.2 Installation

- PCI passthrough - vfio group XX is not viable
- OVS, OVN, DVR 구분방법
- Openstack DB backup
- OVN network 정보 조회

RedHat Openstack 17

- RedHat Openstack 배포 방식
- RHEL9 SSH 접속 불가 문제

TripleO

- Network 변경시 업데이트
- openstack overcloud 설치 시 에러메세지 확인

- Openstack 16.1 offline registry 구성
- Openstack 16.1 overcloud pre-introspection 오류 확인
- Openstack 16.1 Heat Template rendering

- Redhat Openstack 설치 시 Docker local registry 구성
- 'clean failed' 상태 해결방법
- deployment failed 상태 해결방법
- did not finish being created even after we waited XX seconds or X attempts
- 변경이 허용되지 않는 네트워크 속성
- container config-data directory

- Openstack CLI Command
- openstack_undercloud
- openstack_overcloud
- Openstack Heat-Template
- Openstack multiple cinder backend

kolla-ansible

- kolla-ansible all-in-one install
- MariaDB backup/restore
- 설정파일 경로

- kolla-ansible general configuraion
- /etc/kolla/globals.yml

- mariadb start error
- offline 설치시 docker repo 비활성화
- Community Openstack kolla-ansible Support matrix
- Glance image NFS 설정시 주의사항
- octavia security group 생성 실패
- masakari (instance-ha)
- PCI Passthrough / SR-IOV
- kolla-ansible Openstack Cluster Service status
- kolla-ansible Network QoS 적용방법
- kolla-ansible custom interface inventory 구성
- horizon dashboard theme customization
- kolla-ansible 수행시 적용 범위 지정
- Fail if the clock is not synchronized
- Fail Unable to start service octavia-interface
- OVN control commands
- neutron external interface 설정
- bootstrap 과정중 selinux 설정 오류
- ceph.conf 설정 오류
- 설치 점검 스크립트

offline install

- https://access.redhat.com/articles/3348761
- https://access.redhat.com/articles/2377701
- https://access.redhat.com/solutions/5752401

VirtualBMC (vbmc)

- VirtualBMC (vbmc) 설정하기
- IPMI를 통한 PXE부팅 순서 설정
- IPMI 셋팅과 이용
- https://blog.aryulianto.com/pasang-virtualbmc-ipmi-untuk-lab-tripleo/

Masakari (Instance-HA)

- instance HA 설정

빅데이터

- Hadoop

NoSQL

- NoSQL에 대해서 간단히 알아보자

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