

OPENSIFT HA INSTALLATION

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AGENDA

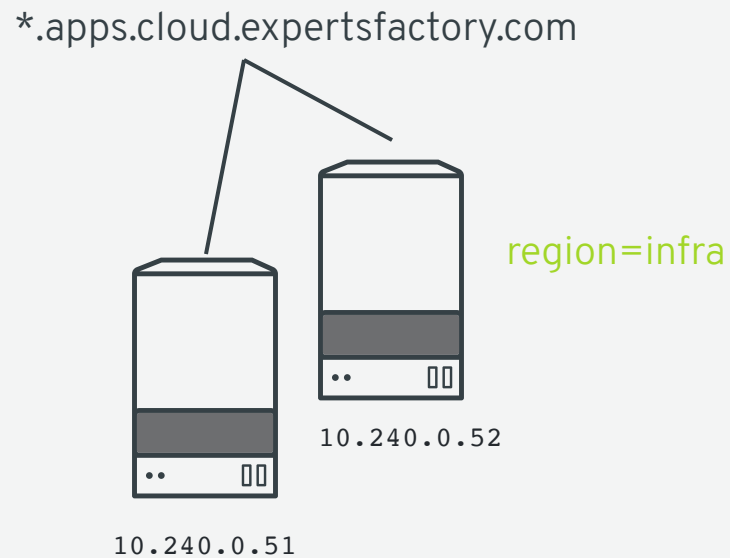
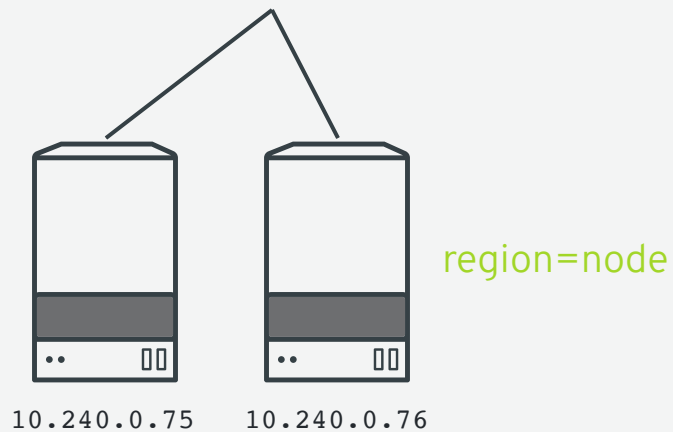
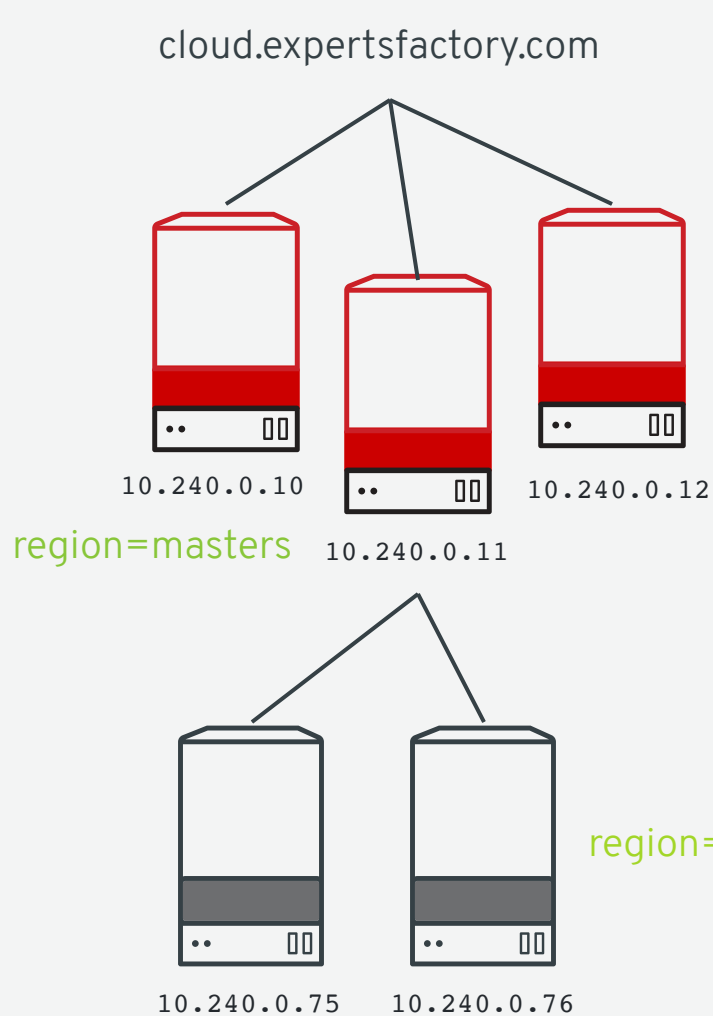
What is Openshift ?

Openshift Installation Pre-Req

Openshift HA Installation

Openshift Simple Demo

ARCHITECTURE



RHEL 7+ / Centos 7+

INSTALL PROCESS



```
graph LR; A[Host Preparation] --> B[Copy SSH keys]; B --> C[Prepare Inventory file]; C --> D[Run Ansible playbooks];
```

Host Preparation

Copy SSH keys

Prepare Inventory file

Run Ansible playbooks

BASITION / MASTER PREP

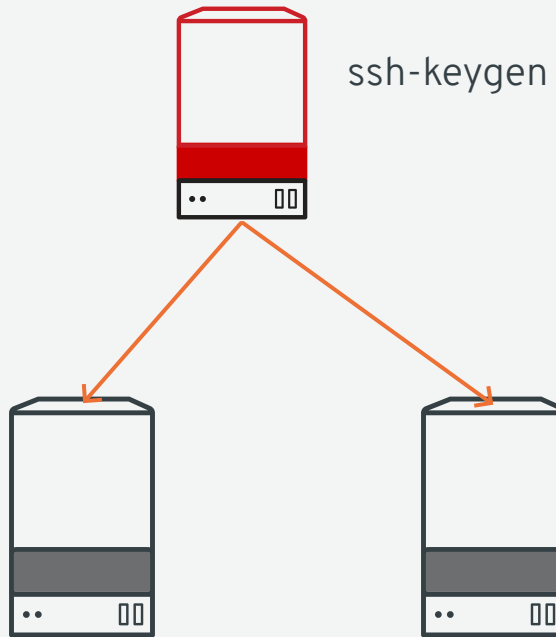


```
sudo yum install -y centos-release-openshift-origin  
sudo yum install -y origin-clients  
sudo yum install -y origin
```

master1

COPY SSH KEYS

Basition / master1



INVENTORY FILE

```
[OSEv3:children]
masters
nodes

[OSEv3:vars]
ansible_ssh_user=root

#openshift_master_identity_providers=[{'name': 'htpasswd_auth', 'login': 'true', 'challenge': 'true', '

[masters]
master.example.com

[etcd]
master.example.com

[nodes]
master.example.com openshift_node_labels="{ 'region': 'infra', 'zone': 'default' }"
node1.example.com openshift_node_labels="{ 'region': 'primary', 'zone': 'east' }"
node2.example.com openshift_node_labels="{ 'region': 'primary', 'zone': 'west' }"
```

RUN PLAYBOOK

```
$ ansible-playbook -i /etc/ansible/hosts  
~/openshift-ansible/playbooks/byo/config.yml
```


FINAL LOOK

