# Kolla-OpenStack部署文档

## 所有节点初始化工作

1. 关闭防火墙和NetworkManager

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| --- |
| # systemctl stop firewalld NetworkManager  # systemctl disable firewalld NetworkManager |

1. 关闭SELinux

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| --- |
| # setenforce 0  # systemctl disable firewalld NetworkManager |

1. 配置yum源

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| --- |
| # cd /etc/yum.repos.d/  # rm -f \*  # cat > CentOS-Base.repo <<EOF  [base]  name=CentOS-$releasever - Base  baseurl=http://repos.zpepc.com.cn/centos/$releasever/os/$basearch/  gpgcheck=0  enabled=1  [extras]  name=CentOS-$releasever - Extras  baseurl=http://repos.zpepc.com.cn/centos/$releasever/extras/$basearch/  gpgcheck=0  enabled=1  EOF |

1. 配置docker

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| --- |
| # mkdir -p /etc/docker/  # cat > /etc/docker/daemon.json <<EOF  {  “registry-mirrors”: [“http://21.48.0.230”],  “insecure-registries”: [“21.48.0.230”]  }  EOF |

1. 配置pip源

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| --- |
| # mkdir -p /root/.pip  # cat > /root/.pip/pip.conf <<EOF  [global]  timeout=60  index-url=http://repos.zpepc.com.cn/pypi/web/simple  trusted-host=repos.zpepc.com.cn  EOF |

1. 安装pip

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| --- |
| # easy\_install -i <http://repos.zpepc.com.cn/pypi/web/simple> pip  # yum -y remove python-requests |

## 部署节点初始化工作

1. 安装kolla-ansible

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| # pip install kolla-ansible |

2. 卸载docker-py

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| --- |
| # pip uninstall docker  # pip uninstall docker  # pip install docker |

3. 在所有被部署的节点上配置免秘钥登录

## 部署脚本配置

1. globals.yml 配置

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| --- |
| # mkdir -p /etc/kolla  # cat globals.yml  kolla\_base\_distro: “centos”  kolla\_install\_type: “source”  openstack\_release: “rocky”  node\_custom\_config: “/etc/kolla/config”  kolla\_internal\_vip\_address: “192.168.1.235”  kolla\_external\_vip\_address: “{{ kolla\_internal\_vip\_address }}”  docker\_legacy\_packages: false  docker\_new\_yum\_url: “http://repos.zpepc.com.cn/docker-ce/linux/{{ ansible\_distribution | lower }}”  docker\_registry\_insecure: false  dokcer\_registry: “21.48.0.230”  docker\_namespace: “kolla-openstack”  network\_interface: “eth1”  neutron\_external\_interface: “eth2”  neutron\_plugin\_agent: “openvswitch” |

1. 配置multinode

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1. 生成密码

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1. 拷贝配置文件到/etc/kolla

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1. 替换ceph的keyring和ceph.conf

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6. 其他说明