#!/bin/bash

# Set hostname

hostnamectl set-hostname server

# Disable firewall

systemctl stop firewalld

systemctl disable firewalld

# Disable SELinux

vim /etc/selinux/config

# Update packages

yum update -y

# Reboot system

init 6

# Install EPEL repository

yum install epel-release -y

# Install xCAT

yum install xCAT -y

# Source xCAT environment

source /etc/profile.d/xcat.sh

# Download xCAT tools

mkdir -p ~/xcat

cd ~/xcat/

wget https://raw.githubusercontent.com/xcat2/xcat-core/master/xCAT-server/share/xcat/tools/go-xcat -O /tmp/go-xcat

chmod +x /tmp/go-xcat

/tmp/go-xcat install

# Download xCAT-core and xCAT-dep

wget https://xcat.org/files/xcat/xcat-core/<version>.x\_Linux/xcat-core/xcat-core-<version>-linux.tar.bz2

wget https://xcat.org/files/xcat/repos/yum/latest/xcat-core/xcat-core.repo

tar xvf xcat-core-<version>-linux.tar.bz2

# Configure xCAT-core repository

cd ~/xcat/xcat-core

./mklocalrepo.sh

# Download xCAT-dep

cd ~/xcat

wget https://xcat.org/files/xcat/xcat-dep/2.x\_Linux/xcat-dep-202212061505.tar.bz2

tar jxvf xcat-dep-202212061505.tar.bz2

# Configure xCAT-dep repository

cd ~/xcat/xcat-dep/

./mklocalrepo.sh

# Start xCAT management service

systemctl start xcatd.service

# Check xCAT service status

systemctl status xcatd.service