

Basic system configuration tasks such as setting

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Basic system configuration tasks in CentOS typically involve setting up hostname, configuring network settings, managing users, and performing basic system maintenance. Here's how you can perform these tasks:

1. Setting Hostname:

- Open a terminal or connect to your CentOS system via SSH.
- Use the hostnamectl command to set the hostname:

sudo hostnamectl set-hostname yourhostname

- Replace yourhostname with the desired hostname for your system.
- Optionally, you can edit the /etc/hostname file directly and add your hostname there.

2. Configuring Network Settings:

- Network settings in CentOS are typically configured using the nmcli or nmtui commands.
- Use nmcli to manage network connections from the command line:

sudo nmcli connection modify <connection-name> ipv4.addresses <IP-address> sudo nmcli connection modify <connection-name> ipv4.gateway <gateway-IP> sudo nmcli connection modify <connection-name> ipv4.dns <DNS-server-IP> sudo nmcli connection up <connection-name>

- Replace <connection-name> with the name of your network connection (e.g., eth0, ens33).
- Replace <IP-address>, <gateway-IP>, and <DNS-server-IP> with your desired IP address, gateway, and DNS server IP addresses, respectively.

3. Managing Users:

• Use the useradd command to add a new user:

sudo useradd -m username

• Replace username with the desired username.

• Set a password for the new user using the passwd command:

sudo passwd username

- Provide a password when prompted.
- Optionally, you can add the new user to specific groups using the usermod command.

4. Basic System Maintenance:

• Update package repositories and install available updates:

sudo yum update

- Install additional software packages as needed using the yum install command.
- Monitor system resources using tools like top, htop, or sar.
- Manage system services using commands like systemctl start, systemctl stop, and systemctl enable.

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