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## Centos Interview Questions and Answers

### Q1. What is CentOS?

**CentOS** is one of the **Linux distribution** that is affiliated with the Red Hat. It is an open-source operating system that was first **launched in 2004**. This free operating system officially **supports x86-64** architecture which mainly targets the servers, desktop computers, and workstations. It is a community-driven free software that is consistent and easy to use.

### Q2. What is the CentOS variant?

The **CentOS variant** is a special edition of CentOS. With this variant, you can allow another open-source project to run more effectively using CentOS as the base platform. The CentOS variant starts with the core distribution and replaces the specific subsets of packages.

### Q3. What is the current stable release of CentOS?

The **current stable release** of the CentOS is **version 8.1.1911** that was released in **January 2020**.

### Q4. What is the nmcli Tool in CentOS?

The **nmcli** is a **command-line tool** in CentOS for controlling the Network manager. This tool is used to display network device status, create, edit, activate, deactivate, and delete network connections.

### Q5. List some package managers you have used in CentOS?

The Yellow Dog Updater (**YUM**) is the **default package manager in CentOS**. It is used to install and update packages in the CentOS.

The other package manager in CentOS is RPM, DNF, pip, dpkg, and aptitude.

### Q6. How to Restart Network Service on CentOS 8?

You can use the **network manager service to restart** a service in the CentOS. The command used to restart a service in the CentOS is "**\$sudo systemctl restart NetworkManager.service**". You can also use the nmcli tools to restart network service. Use the following commands in the nmcli tool to restart a network service,

```
$sudo nmcli networking off$sudo nmcli networking on
```

## **Q7. How To Create a Sudo User on CentOS?**

To create a Sudo user on the CentOS, follow these steps on your command-line shell.

1. Log in to your server **\$ssh root@server\_ip\_address**
2. Create a new user account **\$useradd username**
3. Set the user password **\$passwd username**
4. Add the new user to the sudo group **\$usermod -aG wheel username**
5. To switch to the newly created user **\$su - username**

## **Q8. List some basic centos commands?**

Some of the basic CentOS commands are,

- **Sudo** - runs a command as superuser
- **Yum** - lets you install and update packages
- **Ls** - lists the contents of the directory
- **Cd** - used to change directory
- **Pwd** - displays the pathname
- **Mv** - used to move files
- **Cp** - used to copy files
- **Mkdir** - used to create a directory
- **Who** - used to check who is logged on
- **Clear** - used to clear the terminal window
- **Nano** - opens a text editor

## **Q9. How to delete a user in centos?**

You can remove a user in centos by using the **userdel** command

```
//syntax  
# userdel -r userThe above command removes the user names "user".
```

## **Q10. How to enable/disable a service on centos?**

**We can use the following command to enable or disable service on centos**

To enable a service, use the following command,

```
Systemctl enable <service_name>
```

To disable a service, use the following command,

```
Systemctl disable <service_name>
```

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