

# Introduction



- ★ The SSH ( Secure Shell ) is TCP/IP service.
- ★ It is widely used to remote access.
- ★ Provides way to transfer files.
- ★ After logging into remote system a user will get the command prompt to work.



# Getting Started



## Installing:

- ★ If Openssh package is not already included then a simple command ( run as SU ) to install is

```
yum install openssh-server
```

## Starting the server:

- ★ To start the server enter :

```
/etc/init.d/sshd start
```

You are done with the basic setup of the SSH server.



# Connecting using SSH



- ★ To connect to a remote system use the following command

```
ssh username@10.0.0.1
```

Enter the password

- ★ Now you get a full access to the “username” account of the system 10.0.0.1 .

## **XCPY Option :**

- ★ To open GUI applications use -XCPY option

```
ssh -XCPY username@10.0.0.1
```





# Copying Files

**scp** Command :

scp ( Secure Copy) – Remote File Copy Program

**Copying to Remote System:**

```
scp myfile.txt username@10.0.1.2:/home/demo
```

**Copying From Remote System:**

```
scp username@10.0.1.2:/home/demo/myfile.txt
```

Generally : scp [options] [source] [target]





# BUT WHY ?

## **WHY to use SSH ?**

Because its secured..

Because its simple..

## **BUT more than that**

Because WE can and its FUN...

