

```
#!/bin/bash
```

```
if [ ! -f /var/log/system-bootstrap.log ]; then  
    touch /var/log/system-bootstrap.log
```

```
fi
```

```
#exec &> /var/log/system-bootstrap.log
```

```
username=$1  
userEmail=$2  
client=$3  
server=$4  
password=$5
```

```
#functions
```

```
function error_occured  
{  
    if [ $1 -ne 0 ]; then  
        echo "Error"  
    fi  
}
```

```
function make_update  
{  
    yum -y update  
    error_occured $?  
}
```

```
function install_git  
{  
    sudo yum -y install git  
    error_occured $?  
    git config --global user.name "$username"  
    git config --global user.email "$userEmail"  
}
```

```
function disable_setlinux  
{  
    status=$(getenforce)  
  
    if [ "$status" == "Enforcing" ]; then  
        sudo sed -i 's/=enforcing/=disabled/g' /etc/selinux/config  
        error_occured $?  
    fi  
  
    if [ "$status" == "Permissive" ]; then  
        sudo sed -i 's/=enforcing/=disabled/g' /etc/selinux/config  
        error_occured $?  
    fi  
  
    setenforce 0  
}
```

```
function install_sshpass  
{  
    yum -y install sshpass
```

```

        error_occured $?
    }

function generate_key
{
    if [ ! -d ~/.ssh ]; then
        mkdir ~/.ssh
    fi

    ssh-keygen -q -f ~/.ssh/id_rsa -t rsa -N "" > ~/.ssh/id_rsa.pub
    error_occured $?

}

function copy_key
{
    #if [ !"ssh-keygen -l -F $server" ]; then
    #    ssh-keyscan $server>>~/.ssh/known_hosts
    #fi

    if [ ! -f ~/.ssh/id_rsa.pub ]; then
        generate_key
    fi

    result=$(yum info sshpass | grep Repo | awk '{ print $3 }')
    if [ $result != "installed" ]; then
        install_sshpass
    fi

    sshpass -f $password ssh-copy-id $client@$server
    error_occured $?
}

function config_adaptor
{
    nmcli con mod enp0s8 ipv4.addresses "132.23.102.32"
    nmcli con mod enp0s8 ipv4.method static
}

#verificare parametrilor

if [[ $# -lt 5 ]]; then
    echo $#
    printf "Specificati username si email GIT, client ,server, fisierul cu parola \n"
    exit 1
fi

make_update
install_git
disable_setlinux
copy_key
config_adaptor

```