

System Update

- Update With The Latest Updates
- Configure Automatic Updates
- Configure Network Time Protocol (NTP)

Update With The Latest Updates

Updating the server with the latest updates

Adding additional repositories

1. Enable any additional and necessary software repositories by editing `/etc/apt/sources.list`

```
Open /etc/apt/sources.list
=====

vi /etc/apt/sources.list

Enable repository by removing the # sign i.e.
=====

#deb http://de.archive.ubuntu.com/ubuntu/ xenial main restricted

to

deb http://de.archive.ubuntu.com/ubuntu/ xenial main restricted
```

Updating the server

1. Run the below commands one after the other, accepting the prompts

```
apt-get update

apt-get upgrade
```

Configure Automatic Updates

Setting up automatic updates

Installing unattended-upgrades package

1. Install unattended-upgrades package

```
apt-get install unattended-upgrades
```

Configuring unattended-upgrades

1. Edit /etc/apt/apt.conf.d/50unattended-upgrades and adjust the following

```
Unattended-Upgrade::Allowed-Origins {  
    "${distro_id}:${distro_codename}";  
    "${distro_id}:${distro_codename}-security";  
    // "${distro_id}:${distro_codename}-updates";  
    // "${distro_id}:${distro_codename}-proposed";  
    // "${distro_id}:${distro_codename}-backports";  
};
```

Enable automatic updates

1. Edit /etc/apt/apt.conf.d/20auto-upgrades and set the appropriate apt configuration options

```
APT::Periodic::Update-Package-Lists "1";  
APT::Periodic::Download-Upgradeable-Packages "1";  
APT::Periodic::AutocleanInterval "7";  
APT::Periodic::Unattended-Upgrade "1";
```

Configure Network Time Protocol (NTP)

Network Time Protocol (NTP) configuration

1. Synchronize the system clock with the command below

```
apt-get -y install ntp ntpdate
```