Unattended Updates

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

```
vi /etc/apt/apt.conf.d/50unattended-upgrades
#uncomment the desired origin. For only security updates, comment out
everything else
Unattended-Upgrade::Origins-Pattern {
      "o=Debian,n=stretch";
      "o=Debian,n=stretch-updates";
      "o=Debian,n=stretch-proposed-updates";
      "o=Debian,n=stretch,l=Debian-Security";
};

#blacklist packages as required (mysql-server,mysql-client,apache,php etc)
Unattended-Upgrade::Package-Blacklist {
    "mysql-server*";
    "mysql-common*";
    "default-mysql-server";
    "php7.0-*";
    "apache2*";
    "blink";
    "python-sipsimple";
};

#Don't force updates
Unattended-Upgrade::AutoFixInterruptedDpkg "false";


#set mail to whoever should receive it and make sure bsd-mailx or sendmail
#is installed and able to send mails
Unattended-Upgrade::Mail "root";

#configure reboot if desired.
Unattended-Upgrade::Automatic-Reboot "false";
```

to enable the automatic updates:

```
vi /etc/apt/apt.conf.d/20auto-upgrades
APT::Periodic::Update-Package-Lists "1";
APT::Periodic::Download-Upgradeable-Packages "1";
APT::Periodic::AutocleanInterval "3";
APT::Periodic::Unattended-Upgrade "1";
```

To increase the frequency from daily to every 4 hours, this can be entered into cron.d. This will override the time period configured in /etc/apt/apt.conf.d (note, in Ubuntu systems the timer daily cron timer is triggered via the systemd apt-daily.timer:

```
vi /etc/cron.d/unattended-upgrade
```

```
0 */4 * * * root sleep $(( $RANDOM \% 14400
));PATH=/usr/local/sbin:/usr/local/bin:/sbin:/bin:/usr/sbin:/usr/bin
unattended-upgrade
```

To include additional repositories, the origin and suite (archive) names need to be identified first:

```
grep "Origin:" /var/lib/apt/lists/*Release
/var/lib/apt/lists/gb.archive.ubuntu.com_ubuntu_dists_bionic-
backports_InRelease:Origin: Ubuntu
/var/lib/apt/lists/gb.archive.ubuntu.com_ubuntu_dists_bionic_InRelease:Origi
n: Ubuntu
/var/lib/apt/lists/gb.archive.ubuntu.com_ubuntu_dists_bionic-
updates_InRelease:Origin: Ubuntu
/var/lib/apt/lists/ppa.launchpad.net_team-xbmc_xbmc-
nightly_ubuntu_dists_bionic_InRelease:Origin: LP-PPA-team-xbmc-xbmc-nightly
/var/lib/apt/lists/security.ubuntu.com_ubuntu_dists_bionic-
security_InRelease:Origin: Ubuntu

grep "Suite:" /var/lib/apt/lists/*Release
/var/lib/apt/lists/gb.archive.ubuntu.com_ubuntu_dists_bionic-
backports_InRelease:Suite: bionic-backports
/var/lib/apt/lists/gb.archive.ubuntu.com_ubuntu_dists_bionic_InRelease:Suite
: bionic
/var/lib/apt/lists/gb.archive.ubuntu.com_ubuntu_dists_bionic-
updates_InRelease:Suite: bionic-updates
/var/lib/apt/lists/ppa.launchpad.net_team-xbmc_xbmc-
nightly_ubuntu_dists_bionic_InRelease:Suite: bionic
/var/lib/apt/lists/security.ubuntu.com_ubuntu_dists_bionic-
security_InRelease:Suite: bionic-security
```

These details are needed to edit the 50unattended-upgrades file and add the lines using this format "<origin>:<archive>"; of for this examples sake "Google\, Inc.:stable";. Example for Kodi on ubuntu:

```
        //Kodi Nightly
        "LP-PPA-team-xbmc-xbmc-nightly:${distro_codename}";
```

Test the configuration using:

```
sudo unattended-upgrades --dry-run

tail /var/log/unattended-upgrades/unattended-upgrades.log
```

To allow unattended upgrades for all packages, use:

```
Unattended-Upgrade::Origins-Pattern {
        "site=*";
};
```

From:
http://wuff.dyndns.org/ - **Wulf's Various Things**

Permanent link:
http://wuff.dyndns.org/doku.php?id=linux:unattended-updates&rev=1532345333

Last update: **2023/05/29 11:53**