

## PT Commons - Debian\_9\_to\_10 - # 12

Updated [about 2 years](#) ago by [5d65e848a5aab03a5837af8830d0264f?rating=PG&size=14&default=identicon](#), [Jamila Khan](#)

# Debian 9 to 10

## Update sources list

check which sources exist that point to stretch

```
cd /etc/apt
grep -nr stretch .
```

Edit the main list, and any others that come up

```
vim /etc/apt/sources.list
```

```
:%s/stretch/buster/g
```

## Upgrade the system

### Check for Necessary Disk Space

```
apt-get -o APT::Get::Trivial-Only=true dist-upgrade
```

### Update the sources

```
apt-get update
```

### Minimal Upgrade

```
apt-get upgrade
```

- if it asks whether to change `/etc/apt/trusted.gpg.d/debian-archive-jessie-security-automatic.gpg`, say yes
- other things it asks to change, say no, keep the existing file

### Full Upgrade

```
apt-get dist-upgrade
```

### Upgrade MySQL databases (if MySQL/MariaDB installed)

```
mysql_upgrade
```

### Check that things are up

- if a web server, make sure websites are up
- if an infrastructure server, test and make sure all parts of the infrastructure are working properly
- if a PTC server check the [recovery plan](#) entry for that server to make sure everything has recovered

### Check what packages were removed

- `cat /var/log/apt/history.log | grep Remove`
- make sure there was nothing important in there

## Common problems

### borg

- Changes needed to the borg backupninja jobs #48568-1
  - need to add `encryption = none` just above the passphrase

- change the path to the directory to be the complete full path, not use the tilde for home, and must start with a slash

## mysql backup checking

Newest version of mariadb doesn't have separate databases for information schema or performance schema, so remove the old backups of those.

```
cd /var/backups/mysql/sqldump
rm information_schema.sql.gz
rm performance_schema.sql.gz
```

## Icinga2

Need to re-replace the backupninja binary in /usr/sbin/backupninja  
<https://redmine.palantetech.coop/projects/pt/wiki/Icinga2#Backupninja-monitoring>

## bang check

If using a script to check bang via wp, make sure the script uses the full path to /usr/local/bin/wp