

# How to rename a computer

- On the computer's host
  - LXC
  - Xen
- On the computer
  - All distributions
    - Cyrus
    - LVM
    - Name resolution
    - OpenLDAP
    - OpenVPN
    - Postfix
  - Debian
  - Ubuntu
- On other computers
  - Backup systems
    - Backed up on bafi
  - DHCP servers
    - LTSP
  - DNS servers
  - LDAP server
  - OpenVPN server
  - Miscellaneous computers
    - /etc/hosts files
- git
  - ssh aliases

## On the computer's host

### LXC

TODO: what is the procedure for renaming an LXC? [http://www.bonusbits.com/wiki/HowTo:Rename\\_LXC\\_Container](http://www.bonusbits.com/wiki/HowTo:Rename_LXC_Container)

### Xen

TODO: what is the procedure for renaming a Dom0 (nothing special?) and a DomU (at least the DomU's config file, log and autostart link on the Dom0 include the DomU's FQDN).

## On the computer

### All distributions

#### Cyrus

TBC

#### LVM

TODO: develop procedure for renaming the volume group and document here (when / is on LVM as ours normally are, this may require rebuilding the initial RAM disk, re-configuring the boot manager, editing fstab ...). Maybe useful links: <https://we.riseup.net/debian/renaming-a-lvm-root-volume-group>, [https://bugzilla.redhat.com/show\\_bug.cgi?id=230190#c17](https://bugzilla.redhat.com/show_bug.cgi?id=230190#c17) (RedHat),

#### Name resolution

**/etc/hosts** If the name change includes a domain name change and the old domain name appears in /etc/hosts for the computer then it must be changed.

**/etc/resolv.conf{,.head,.tail}** If all these conditions are met ...

1. The name change includes a domain name change.
2. /etc/resolv.conf is either a local file or includes a local head or tail file.
3. The local file(s) include a domain line.


... then any domain line(s) in /etc/resolv.conf{,.head,.tail} may need adjusting.

#### OpenLDAP

TBC. May involve re-generating certificates.


## OpenVPN

Remove any OpenVPN client configuration for the old name: [OpenVPN#Ontheclient](#)

 The next step is most commonly done on the client but may need to be done partly on the primary OpenVPN server, details in the linked section.

Set up the OpenVPN client under the new name: [OpenVPN#Per-clientconfiguration%28serverandclient%29](#)

## Postfix

 Do not restart or reload postfix until all files have been updated.

Update by editing:

- **/etc/aliases** If it is changed, run the `newaliases` command.
- **/etc/mailname**
- **/etc/postfix/header\_checks** If the file doesn't exist, create it using the procedure at <http://wiki.bluelightav.org/x/PAIW>
- **/etc/postfix/generic** If it is changed, run the `postmap` command on it, in the `/etc/postfix` directory.

Update **/etc/postfix/main.cf** by (replacing `<hostname>` and `<domain>`):

- `postconf -e myhostname=<hostname>`
- `postconf -e mydestination=<hostname>,localhost.<domain>,localhost`

Restart postfix:

```
/etc/init.d/postfix reload
```

In case there is undelivered mail from the old hostname, if not required it can be deleted using `postsuper -d ALL`

## Debian

Reference: [Debian WIKI page on changing hostname](#).

## Ubuntu

Change the hostname

- Edit **/etc/hostname**
- Edit **/etc/hosts**
- **service hostname restart**

## On other computers

### Backup systems

#### Backed up on bafi

If the computer is backed up on bafi, either by push from the computer or pull from bafi:

1. Find which file system it is backed up to and adjust directory name(s) accordingly.
2. Adjust directories and symlinks under `/var/backup`.

### DHCP servers

#### LTSP

In case you are running ltsp

- change the domain name in **/etc/ltsp/dhcp.conf**

Not tested (may all be done by the commands above): if running or using any of avahi, CUPS, ejabberd, Exim, `/etc/motd`, OpenSSH server, ssmtp or sysklogd then read the [Debian WIKI page on changing hostname](#).

## DNS servers

On master DNS servers which have record(s) for the old name, change the forward zone file and any reverse zone file. The DNS servers to consider are:

- dns2.bluelightav.org for public network addresses.
- openvpn.bluelightav.org for BL OpenVPN network addresses.
- bafi for Town Hall addresses.

## LDAP server

TODO: when this section is understood, move it or not. It is not clear whether it applies on the computer being renamed (in which case it should be above) or on another computer (in which case it is correctly here).

Change the LDAP client's uri

- edit **/etc/ldap.conf**
- replace the **uri=service.av** to the appropriate hostname. Note: if the **uri=ldapi:///** or anything else of the kind, **leave it**
- **service slapd restart**

Change the LDAP Address Book clients

## OpenVPN server

On the primary OpenVPN server, revoke the client under its old name: [OpenVPN#Ontheprimaryserver](#)

## Miscellaneous computers

### **/etc/hosts files**

On computers with an /etc/hosts file which has record(s) for the old name, change the record(s).

## git

### ssh aliases

Update git.bluelightav.org:git:bluelight/bash library/aliases.BL.sh and push