

## DuckCorp Infrastructure - Enhancement #648

### Debian Buster Migration

2019-04-21 11:56 - Marc Dequènes

<b>Status:</b> Resolved	<b>Start date:</b> 2019-04-21
<b>Priority:</b> Normal	<b>Due date:</b>
<b>Assignee:</b> Marc Dequènes	<b>% Done:</b> 100%
<b>Category:</b>	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b>	<b>Entity:</b> DuckCorp
<b>Patch Available:</b>	<b>Security:</b>
<b>Confirmed:</b> No	<b>Help Needed:</b>
<b>Branch:</b>	

**Description**

Please update the TODOs below and add a note to comment on the progress.

Identified oneshot changes:

- before migration:
  - ~~add buster in our repo and check if packages needs to be ported~~ (spoolinger is done, lxd needs more work, nothing else needs porting)
  - [Migrating from legacy network interface names](#) (all machines migrated to the new [Naming Rules](#))
- after migration:
  - ~~usr is now merged by default and most softwares expect path to be updated (look at the *softwares incompatible with usrmerge layout* below):~~ apt install usrmerge (done)
  - ~~SysV init related packages no longer required:~~ apt purge initscripts sysv re-insserv startpar (done)
  - ~~PostgreSQL databases need to be reindexed~~ (in fact pg\_upgradecluster dumps/imports so it is not necessary)
  - ~~apt transport https is no longer necessary~~
  - ~~on web servers php7.0-common needs to be removed manually:~~ : apt purge php7.0-common (done)
  - ~~systemd-journal-upload/systemd-journal-gatewayd services user/group can be removed as they are now dynamically allocated~~ (none found)

Identified deployment changes:

- ~~hidepid with systemd and polkit:~~ see [https://wiki.debian.org/Hardening#Mounting\\_2Fproc\\_with\\_hidepid](https://wiki.debian.org/Hardening#Mounting_2Fproc_with_hidepid)
- ~~install debian-security-support~~

Problematic softwares:

- ~~phpmyadmin: not in Buster but still in Debian; I see a [RFA](#) with work towards newer versions but that requires several new dependencies~~ (backport builds done and working, see [#670](#))
- ~~ftp-ssl: still in Debian but missing in Buster because it was not ready for openssl 1.1; 0.17.34+0.2-4.1 contains a patch and could be backported in our repo (unless it comes in Debian first)~~
- ~~softwares incompatible with usrmerge layout:~~
  - ~~molly-guard problems~~ (<https://bugs.debian.org/cgi-bin/bugreport.cgi?bug=930131>) (molly-guard and usrmerge backported in our repo)

**Related issues:**

Blocked by DuckCorp Infrastructure - Bug #595: Create missing systemd configu...	<b>Resolved</b>	<b>2017-09-23</b>
Blocked by DuckCorp Infrastructure - Enhancement #640: Migrate main wiki from...	<b>Resolved</b>	<b>2018-12-13</b>

#### Associated revisions

##### Revision e0451f33 - 2019-08-08 13:34 - Marc Dequènes

also install debian-security-support

refs #648

##### Revision 077e6f39 - 2019-08-08 13:58 - Marc Dequènes

dc-base: Make systemd-logind work with hidepid

refs #648

#### **Revision 4976cee3 - 2019-08-12 05:36 - Marc Dequènes**

also install debian-security-support

refs #648

#### **Revision 395429d1 - 2019-08-12 05:36 - Marc Dequènes**

dc-base: Make systemd-logind work with hidepid

refs #648

### **History**

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#### **#1 - 2019-04-24 15:40 - Marc Dequènes**

- Status changed from New to In Progress
- Assignee set to Marc Dequènes

#### **#2 - 2019-07-10 07:45 - Marc Dequènes**

- Blocked by Bug #655: Lost files on Touthirou-OLD added

#### **#3 - 2019-07-10 07:47 - Marc Dequènes**

- Blocked by Bug #595: Create missing systemd configuration for SYSV compatibility services added

#### **#4 - 2019-07-10 07:47 - Marc Dequènes**

- Blocks Enhancement #640: Migrate main wiki from Moinmoin to Mediawiki added

#### **#5 - 2019-07-10 07:47 - Marc Dequènes**

- Blocks Enhancement #647: Patched softwares, how to handle them? added

#### **#6 - 2019-07-10 07:47 - Marc Dequènes**

- Blocks deleted (Enhancement #640: Migrate main wiki from Moinmoin to Mediawiki)

#### **#7 - 2019-07-10 07:48 - Marc Dequènes**

- Blocked by Enhancement #640: Migrate main wiki from Moinmoin to Mediawiki added

#### **#8 - 2019-07-10 07:48 - Marc Dequènes**

- Blocks deleted (Enhancement #647: Patched softwares, how to handle them?)

#### **#9 - 2019-07-10 07:48 - Marc Dequènes**

- Blocked by Enhancement #647: Patched softwares, how to handle them? added

#### **#10 - 2019-07-10 07:49 - Marc Dequènes**

- Subject changed from Blocking tasks for Debian Buster migration to Debian Buster Migration

#### **#11 - 2019-07-10 08:06 - Marc Dequènes**

- Description updated

**#12 - 2019-07-25 17:38 - Marc Dequènes**

- *Description updated*

**#13 - 2019-07-31 08:56 - Marc Dequènes**

- *Description updated*

**#14 - 2019-07-31 09:15 - Marc Dequènes**

- *Description updated*

**#15 - 2019-07-31 09:54 - Marc Dequènes**

- *Description updated*

**#16 - 2019-07-31 09:56 - Marc Dequènes**

- *Description updated*

**#17 - 2019-07-31 09:57 - Marc Dequènes**

- *Description updated*

**#18 - 2019-08-08 14:04 - Marc Dequènes**

- *Description updated*

- *% Done changed from 10 to 20*

**#19 - 2019-08-08 14:32 - Marc Dequènes**

- *Description updated*

**#20 - 2019-08-11 12:31 - Marc Dequènes**

- *Description updated*

**#21 - 2019-08-11 17:38 - Marc Dequènes**

- *% Done changed from 20 to 30*

Elwing is now migrated and I pushed some updates for the services.

**#22 - 2019-08-17 15:13 - Marc Dequènes**

- *Description updated*

**#23 - 2019-08-17 15:49 - Marc Dequènes**

- *Description updated*

**#24 - 2019-08-17 16:09 - Marc Dequènes**

- *Description updated*

**#25 - 2019-08-17 16:15 - Marc Dequènes**

- *Description updated*

**#26 - 2019-08-18 05:59 - Marc Dequènes**

- *Description updated*

**#27 - 2019-08-18 08:42 - Marc Dequènes**

- *% Done changed from 30 to 40*

Orfeo migrated to Buster, few fixes and potential improvement ticket were filled but nothing big.

#### #28 - 2019-08-18 10:02 - Marc Dequènes

Jinta migrated to Buster, no changes.

#### #29 - 2019-08-18 16:08 - Marc Dequènes

- % Done changed from 40 to 50

Thorfinn migrated to Buster, PHP config fixes.

#### #30 - 2019-08-19 06:35 - Marc Dequènes

As for [#655](#), Touthirou missed these files when migrating body and upgrading is not going to change anything, especially because Redmine is not in stable anymore. Until a backport is available, at which point we'll try to port the patches, migrating to Buster is not gonna change anything, thus disconnecting this blocker bug.

As for [#647](#) there is no resolution yet, so I already went ahead and reapplied the patch for wikitrans. ruby-mail is on hold at the moment so its fate is undecided. Anyway we can proceed with the migration and fix that later, thus disconnecting this blocker bug.

#### #31 - 2019-08-19 06:35 - Marc Dequènes

- Blocked by deleted (Bug #655: Lost files on Touthirou-OLD)

#### #32 - 2019-08-19 06:35 - Marc Dequènes

- Blocked by deleted (Enhancement #647: Patched softwares, how to handle them?)

#### #33 - 2019-08-20 11:46 - Marc Dequènes

Touthirou migrated to Buster.

Needed actions:

- redmine is not available (my bad), installed ruby-rouge from unstable and it was possible to install
- redmine plugin *readme\_at\_repositories* does not work anymore and is not maintained, [contribution to test](#), applied, working
- redmine plugin *redmine\_graphs*:
  - had a missing dependency on *ruby-svg-graph*, fixed
  - *ruby-svg-graph* uses *parsedate* library, last seen in Ruby 1.8.7, [patches available](#), Debian upload done
  - unmaintained, [patch available](#), partially applied (unrelated changes around), working
- tt-rss: updated to latest git to get rid of PHP warnings
- stuffcloud needed an update
- stuffcloud upgraded from 15.0.9 to 16.0.4
- stuffcloud plugin *weather* was not working because it requires *curl\_exec* which was disabled for security reason, disabled
- apache2 startup problem after reboot, see [Debian#910368](#), suggested solution and updated our deployment accordingly in the meanwhile

```
Aug 20 12:30:26 Touthirou apachectl[2438]: (99)Cannot assign requested address: AH00072: make_sock: could not bind to address [2001:67c:1740:9001::3]:80
```

- su PAM service was split into su-l, added it to login services in dc-ldap
- mediawiki adaptations (new path, config...) and a [loading bug](#)

**#34 - 2019-09-02 10:08 - Marc Dequènes**

- *Description updated*

**#35 - 2019-09-02 11:49 - Marc Dequènes**

- *Description updated*

**#36 - 2019-09-02 18:59 - Marc Dequènes**

- *Description updated*

- *Status changed from In Progress to Resolved*

- *% Done changed from 50 to 100*

All tasks related to the migration are now done. A few post-migration tickets were opened for future enhancements now possible.

Users did not report any problem, thus closing.