Life Cycle

Distibution Life Cycle

IUS only supports the current base release for Red Hat Enterprise Linux and CentOS. Older point releases and other distributions based on RHEL may work, but with limited resource we focus efforts on our supported OSes.

Package Life Cycle ¶

RHEL has a 10 year life cycle (https://access.redhat.com/support/policy/updates/errata/), during which time stock packages recieve backported (https://access.redhat.com/security/updates/backporting) security fixes. These packages usually stay locked to a particular upstream version, regardless of whether that version is still supported by the upstream project.

On the other hand, IUS packages follow their respective upstream version. This is usually isoloated to a supported upstream branch (usually the major.minor version). This makes it unnecessary to backport security fixes, since the latest upstream version typically contains fixes for all known vulnerabilities. Once the upstream project declares a version end of life (EOL), IUS moves the relevant packages from our stable repositories to our archive repositories.

It is important to note that IUS packages will not automatically upgrade to the next major version. Upgrading from foobar25u to foobar26u is a manual process, similar to upgrading from stock foobar. Even when foobar 2.5 is declared EOL upstream, no automatic upgrade to foobar26u will take place.

Upstream Policies and EOL Dates

Below is information we have collected regarding various upstream projects EOL policies and relevant dates. Not all projects have clear policies, so the level of detail varies between projects. Please contact us with corrections or additions.

PHP

- Supported Versions Table (http://php.net/supported-versions.php)
- EOL Versions Table (http://php.net/eol.php)
- Release Process (https://wiki.php.net/rfc/releaseprocess)
- Release History (Wikipedia) (http://en.wikipedia.org/wiki/PHP#Release_history)
- 5.3 EOL date: 2014-08-14 (http://php.net/archive/2014.php#id2014-08-14-1)
- 5.4 EOL date: 2015-09-14 (http://php.net/archive/2015.php#id2015-09-04-4)
- 5.5 expected EOL date: 2016-07-10
- 5.6 expected EOL date: 2017-08-28

MySQL

- Oracle Premier and Extended Support (http://www.mysql.com/support/)
- EOL Announcements (http://www.mysql.com/support/eol-notice.html)
- Release History (Wikipedia) (https://en.wikipedia.org/wiki/MySQL#Versions)
- 5.0 EOL date: 2012-03-21 (http://dev.mysql.com/doc/relnotes/mysql/5.0/en/news-5-0-96.html)
- 5.1 expected EOL date: 2016-12-31 (http://dev.mysql.com/doc/relnotes/mysql/5.1/en/)
- 5.5 expected EOL date: 2018-12-03 (http://dev.mysql.com/doc/relnotes/mysql/5.5/en/)
- 5.6 expected EOL date: 2021-02-05 (http://dev.mysql.com/doc/relnotes/mysql/5.6/en/)

MariaDB

- Maintenance Policy (https://mariadb.com/kb/en/mariadb/mariadb-maintenance-policy/)
- 10.0 expected EOL date: 2019-03-31

Python

- Development Cycle (https://docs.python.org/devguide/devcycle.html)
- 2.6 EOL date: 2013-10-29 (https://www.python.org/download/releases/2.6.9/)
- 2.7 expected EOL date: 2020-07-03 (https://www.python.org/dev/peps/pep-0373/)
- 3.0 EOL date: 2009-06-27 (https://www.python.org/download/releases/3.0.1/)
- 3.1 EOL date: 2012-06-27 (https://www.python.org/download/releases/3.1.5/)
- 3.2 expected EOL date: 2016-02-20 (https://www.python.org/dev/peps/pep-0392/)
- 3.3 expected EOL date: 2017-09-29 (https://www.python.org/dev/peps/pep-0398/)
- 3.4 expected EOL date: TBD (https://www.python.org/dev/peps/pep-0429/)

Redis

- Redis releases (http://redis.io/download)
- 2.6 EOL date: 2015-04-01 (https://github.com/antirez/redis/blob/7ae1d4d6f50fa627a32eee261743d41d64a13e96/00-RELEASENOTES#L36) (redis 3.0.0 release date)
- 2.8 expected EOL date: TBD (redis 3.2.0 release date)
- 3.0 expected EOL date: TBD (redis 3.4.0 release date)