

TF-A LTS updates

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Important dates**

- Code freeze date: 3 Feb 2023 (first Friday of Feb)
- Release date: 17 Feb 2023 (2 weeks after the code freeze)

**The branch release policy will change once automation is in place.

Process to merge a patch to LTS

- Highlight patches with the *right* commit message tags
- Add the patch to the cherry-pick list if it passes the entry criteria
- Reach out to the platform maintainers/authors to resolve ambiguity for patches that are unclear (*temporary measure*)
- For platform patches, expect a COR from the platform owner and downstream verification of the patch.
- Request +1 from LTS maintainers
- Expect CI +1 for now. Final target is CI +2 or Level-3 testing.

Commit message - the most important tool

- Current problems
 - Improper tags for commit message headers
 - Not enough description of the problem and the solution/implementation
- Proposed solution(s)
 - Expected conventional commit tags - fix(errata), fix(security)
 - “LTS-Candidate: <lts version>” tag in commit message

```
fix(tegra): introduce a platform level fix
```

```
This patch introduces a fix to the Tegra platforms for handling a problem XYZ. This issue has been seen in the field and causes a device to freeze. The solution is ABC.
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```
LTS-Candidate: lts-v2.8, lts-v2.10
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```
Change-Id: xxxxx
```

```
Signed-off-by: xxxx
```

How do I get my patch in the LTS branch?

- Ensure that the patch passes the entry criteria
- Patches for security mitigations, errata fixes are picked automatically
- Send an email to the LTS maintainers for any sensitive patches that cannot use the expected commit message tags
- Send an email to the LTS mailing list for a patch that was not picked

Contacts

- LTS maintainers
 - Bipin Ravi - Arm
 - Okash Khawaja - Google
 - Varun Wadekar - NVIDIA
- LTS mailing list for important discussions and updates
 - tfa-lts@lists.trustedfirmware.org
- Weekly meetings
 - Open to all members of the 'tfa-lts' mailing list

Useful links

- LTS proposal: [⚡ Long-term support \(LTS\) proposal \(trustedfirmware.org\)](https://review.trustedfirmware.org/plugins/gitiles/ci/tf-a-ci-scripts/+/refs/heads/master/lts)
- Dashboard for cherry-picks is at [⚡ LTS Tracking for v2.8.x \(trustedfirmware.org\)](https://review.trustedfirmware.org/plugins/gitiles/ci/tf-a-ci-scripts/+/refs/heads/master/lts)
- TF-A LTS Mailing list: [TF-A LTS - lists.trustedfirmware.org](https://lists.trustedfirmware.org)
- LTS Automation scripts: <https://review.trustedfirmware.org/plugins/gitiles/ci/tf-a-ci-scripts/+/refs/heads/master/lts>

Fini