

FreeIPA Developer's checklist

FreeIPA developer and patch reviewer should check all points of this checklist before sending a patch(es) for review and when doing a review.

Sanity checks:

- ☐ patches applies on all branches the patch set is targeted for
 - ☐ ``git am`` for all patches is successful
- ☐ pep8
 - ☐ ``git diff HEAD~$NUMBER_OF_PATCHES -U0 | pep8 --diff`` does not produce errors
- ☐ makelint
 - ☐ ``./make-lint`` does not produce errors
- ☐ ACI.txt and API.txt is updated, version is raised if API changes
 - ☐ After applying patches, running ``./makeapi`` and ``./makeaci`` does not produces changes in ACI.txt and API.txt
 - ☐ when patch contains changes of `API.txt`, `IPA_API_VERSION_MINOR` is incremented and comment is added in `VERSION` file

Functional considerations

- ☐ does it require **man page** update?
- ☐ does it require **doc text** update? E.g. of a plugin: ``ipa help user``
- ☐ does it require **Web UI** update? Is ticket filed?
- ☐ does it require update of **tests**?
- ☐ is the change **backwards compatible**?
- ☐ does **upgrade** work?
- ☐ does upgrade from `CURRENT_MAJOR_RELEASE-2` work?
- ☐ does **migration** from rhel 6.7 work?
- ☐ does installation of **replica** work? On all supported domain levels?
- ☐ does it work with **CA-less, external CA, DNS, KRA, Trusts, ...**?

Automated Testing

- ☐ Unit and XML_RPC tests does not produce errors
 - ☐ ``./make-test ipatests``
- ☐ Integration tests
 - ☐ run patch acceptance integrations test suite: TODO - does not exist yet