The Styx Project

Kernel Requirements

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in [RFC2119](#).

- The kernel should be upstreamed to the latest tag up on linux-stable. Exceptions can be made since upstreaming can cause issues.
- In the case of Qualcomm chipsets, the kernel should be upstreamed to the latest CAF tag on source.codeaurora.org. This includes techpack, and QCACLD or Prima drivers.
- Prefer to use init scripts to set default values.
- Change the default tunable value in the kernel.
- It is not recommended to hardcode default values.
- Scheduler restrictions do not apply, but do not add crappy code to your kernel just because it compiled fine.
- Do not do any changes regarding charging voltages.
- Do not perform any sort of overclock, underclock or undervolt, not mattering if it is for display, GPU or CPU. We just don't want to kill your device.
- Magisk/App blockers are strictly prohibited.
- Boeffla Wakelock Blocker. Wakelocks exist for a reason. The removal of those that are harmful for the device, is allowed.