What is Samsung KNOX and what is the impact on erasure?

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N/A	24 Apr 2020	Mobile Diagnostics and Erasure - All versions	N/A

Samsung KNOX provides security features that enable business and personal content to coexist on the same handset. The KNOX-protected packages are encrypted with 256-bit AES algorithm and hence these packages cannot be overwritten.

The user can handle the situation in a couple of ways:

- Uninstall KNOX before erasure and then erase device.
    - This is the recommended practice.
- Erase device regardless of KNOX.
    - KNOX packages are not overwritten, but they can be considered as cryptographically erased because the packages are encrypted and the encryption keys are changed.
- Configure in settings that devices with KNOX are not erased.
    - If erasure for KNOX device is attempted in this case, there will be a pop-up saying that KNOX should be uninstalled.
    - This option can be managed from Blancco Mobile Diagnostics and Erasure under the Settings > Android-tab > "Erase devices that have Samsung My KNOX container"