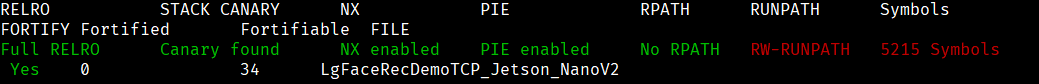
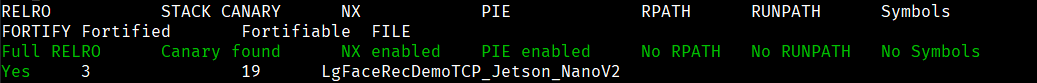
Defenses at the compiler, check the mitigation technologies in use by processes on a Linux system.

1. checksec.sh ( https://www.trapkit.de/tools/checksec/ )
   1. Modern Linux distributions offer some mitigation techniques to make it harder to exploit software vulnerabilities reliably. Mitigations such as RELRO, NoExecute (NX), Stack Canaries, Address Space Layout Randomization (ASLR) and Position Independent Executables (PIE) have made reliably exploiting any vulnerabilities that do exist far more challenging. The checksec.sh script is designed to test what standard Linux OS and PaX security features are being used.
   2. Result of running checksec.sh (before)
      1. Symbols is not striped
      2. RW-RUNPATH



* 1. Result of running checksec.sh (after apply options for defenses)
     1. Add Symbol stripped option
     2. Apply option for “No RUNPATH”



* 1. Corresponding cmake options are as follows.

