

INTRODUCTION TO GEARS

PRINCIPLES



UNIX USER

- In the form of a UUID
- Every user gets a UID
- All gear content is inside the users home directory



SELINUX

- Unique MCS Label
- Keyed off UID
- Determines access to system
- Protects intra-gear shenanigans



CGROUPS

- Resource Protection
- CPU limits
- Memory Limits
- Overcommit



PAM

- Using pam limits for process protections
- Using pam_namespace
- Unique /tmp/ dirs