

3.4 Security Enhanced Linux

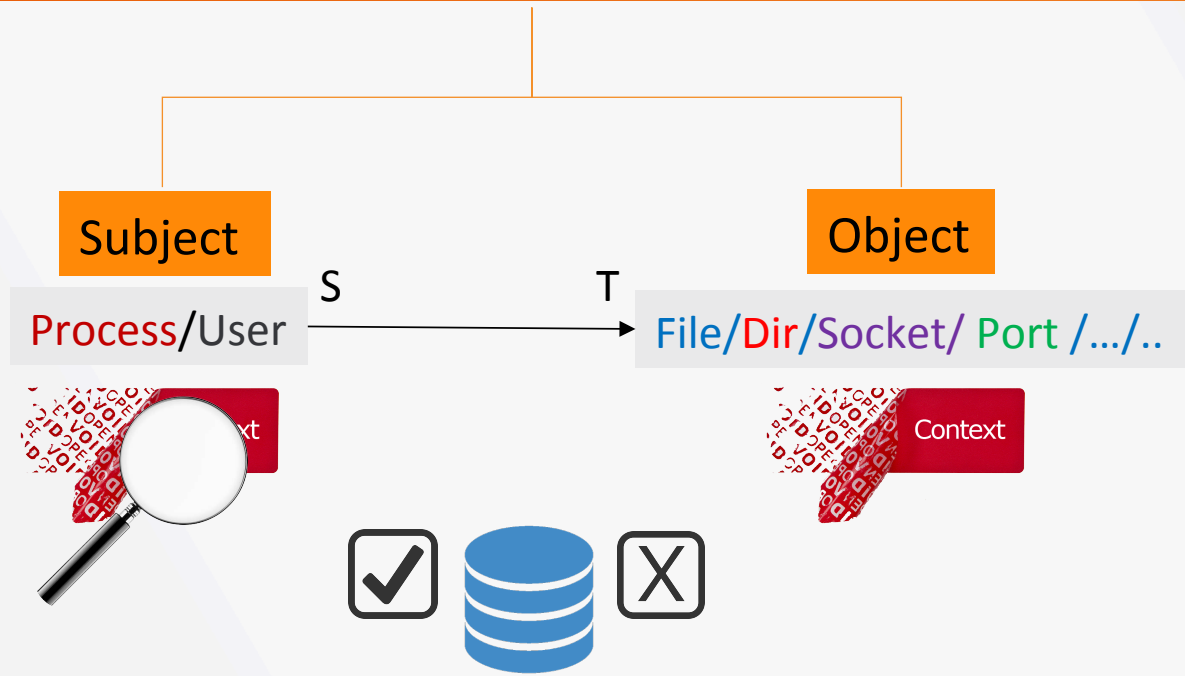
▶ DAC

- - rw- r-x r--. 1 mojo dba 0 Jul 9 05:44 file1

▶ MAC

- ▶ SELinux is an access control implementation for the Linux kernel.

SELinux Concept



Security Context

▶ `ls -LZ /etc/passwd`

`-rw-r--r--. root root system_u:object_r:passwd_file_t:s0 /etc/passwd`

SELinux Policy

- ▶ Targeted (default)
- ▶ Minimum (custome policy)
- ▶ MLS (multi level security)

SELinux Modes

▶ Disabling



A person is seen from behind, sitting at a desk in front of a large window. The scene is bathed in a warm, orange-yellow light, likely from the sun setting or rising. The window shows a blurred view of a cityscape with buildings and a body of water. The word "DEMO" is overlaid in the center of the image in a white, sans-serif font.

DEMO

SELinux Booleans

- ▶ Rules that can be enabled or disabled
- ▶ `#getsebool -a`



Thank You!