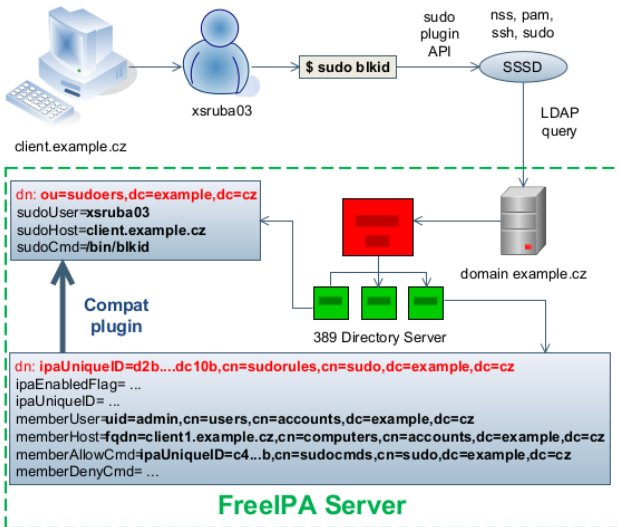




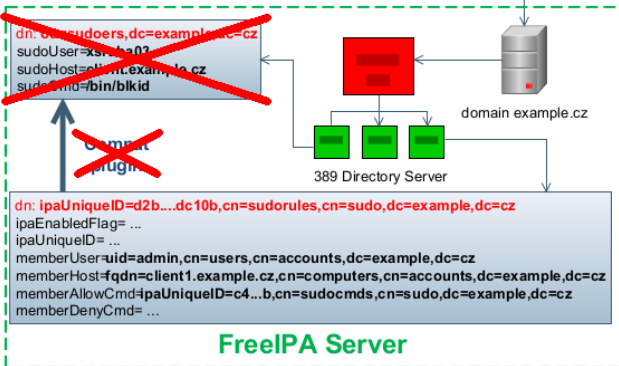
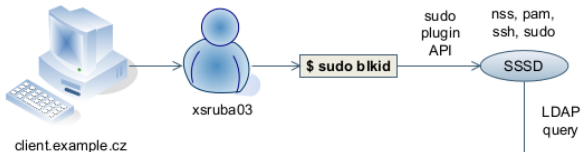
Improved Integration of SSSD and SUDO

Michal Šrubař

High-level overview



Purpose of my thesis



Current state

- sudoers in ldap
- sudoers in FreeIPA
- sudoers in SSSD
- differences between sudo LDAP scheme and FreeIPA sudo scheme
- SSSD drawbacks

Next steps

- fix bugs from sssd's tickets
- design necessary changes
- feedback from developer's community
 - implement designed changes
- unit tests

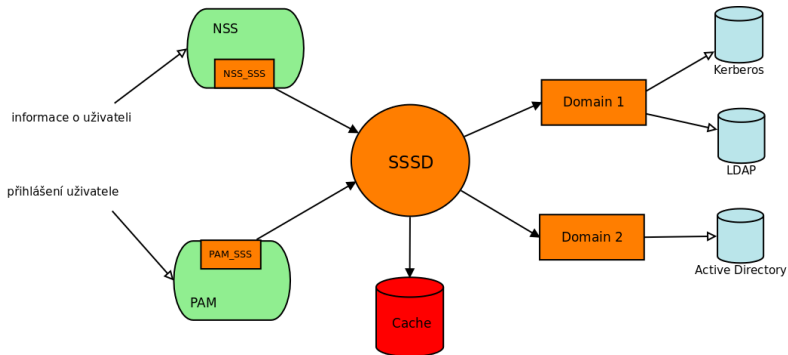


The end
Thank you for listening.

Benefits of the SSSD (System Security Services Daemon)

- client can connect into multiple domains
 - each server can provide different kind of information
- can detect disconnection from the network
- cache information about user, passwords, sudo rules
 - cache stores only used data
 - offline support
 - cache entries expires
 - no need of local account anymore

Architecture of the SSSD



Why new LDAP scheme for sudo?

- interconnection with IPA objects
- addition information (e.g. ipaRuleEnabled)
- more flexibility for ipa developers