Smack Grows Up a Little

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Maturity Isn’t (Necessarily) A Bad Thing

Filling gaps in features

Addressing developer complaints

Real world deployment
Some Things Were Missing

IPv6 host labeling

Binary mount data

Read the labels of keys

Netfilter via secmark
Those Developers!

Bringup mode

*Not permissive mode!*

The “b” access

Reports success because of the rule

Unconfined label
Making The Commercial Grade

- Multiple labels in onlycap
- Proper RCU in smackfs
- Kernel thread socket labeling
- Lock access for floor (“_”) and hat (“^”)
Coming In Smack

Adventures with IPv6

Flexible feature configuration
  Optional IPv4
  Optional old versions of interfaces
  Make Smack smaller

Smack namespaces
  Part of user namespaces?

Maybe kdbus
Tizen

Cynara for Application Privilege controls

Smack namespaces for sandboxing

Integration with kdbus

www.tizen.org