Packet Filtering Module

Aakarsh Nair

April 21, 2015

Contents			2 Starting and Starting
1	Introduction	1	3 Rule Description
			4 User Space Filters
2	Starting and Starting	1	4.1 Summary and Acknowledgment
3	Rule Description	1	Most of the module
			References
4	User Space Filters	1	[1] LibNL: Userspace netlink library documen-
	4.1 Summary and Acknowledgment	1	tation http://www.infradead.org/~tgr/libnl/doc/core.html

1 Introduction

The pk_filter module is a test case for supporting the addition of custom packet filtering to the linux kernel. The module is meant to be configurable from user space. The module is configured and operated over netlink sockets. Most of the module was developed as part of the UCSC Linux Kernel class.