ALPHA

Johannes Gilger, Florian Weingarten

February 6th, 2009

Adaptive and Lightweight Protocol for Hop-By-Hop Authentication

Summary

What we did since last meeting

- Made Alpha run on the Nokia N810 with all the routing-stuff
- Finished implementing alphafilter

Summary

What we did since last meeting

- Made Alpha run on the Nokia N810 with all the routing-stuff
- Finished implementing alphafilter

Alpha on Maemo

What had to be done

- Could not have done it without the helpful description from PISA
- Compile vanilla kernel with extra-options we need
- Flash the kernel onto the nokia (thanks for the test-mode!)
- Compile a shared lib for iptables (libipt_MARK.so) and load it

Problems

• Remark: Don't put unnecessary stuff into your kernel, or Maemo will hang

Alpha on Maemo

What had to be done

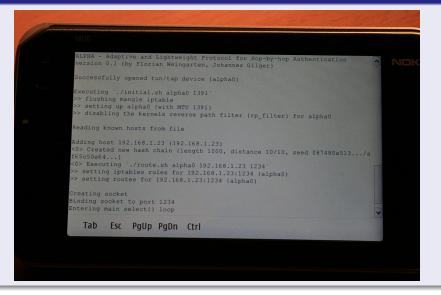
- Could not have done it without the helpful description from PISA
- Compile vanilla kernel with extra-options we need
- Flash the kernel onto the nokia (thanks for the test-mode!)
- Compile a shared lib for iptables (libipt_MARK.so) and load it

Problems

Remark: Don't put unnecessary stuff into your kernel, or Maemo will hang

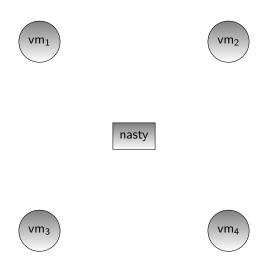
Alpha on Maemo - It's alive!

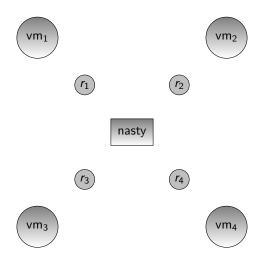
"Screenshot"

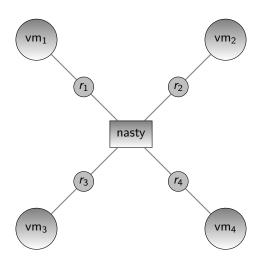




nasty

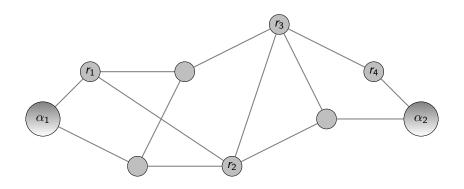


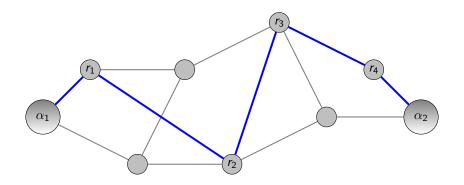


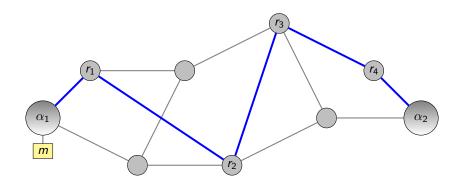


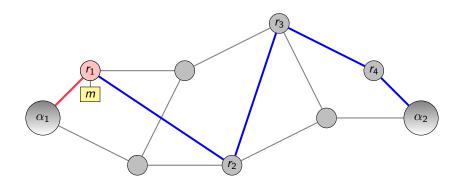
ALPHA filter

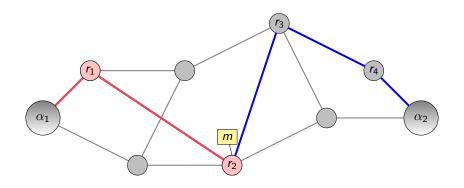


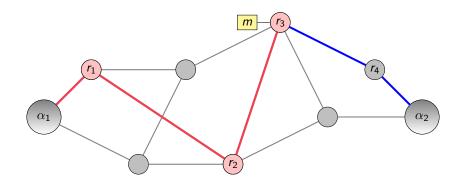


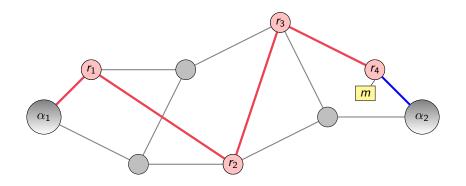


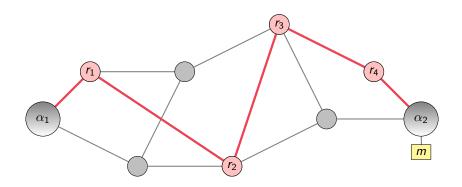


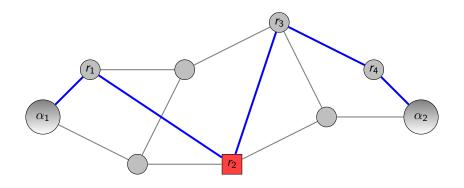


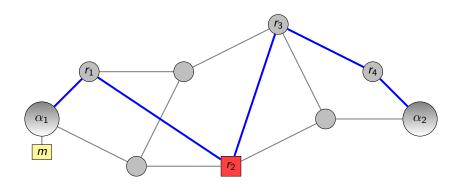


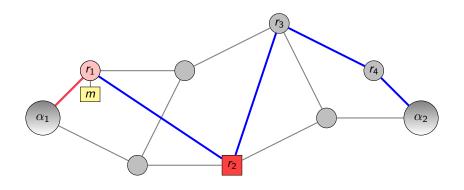


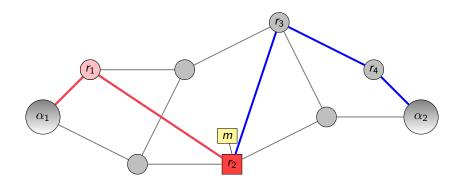


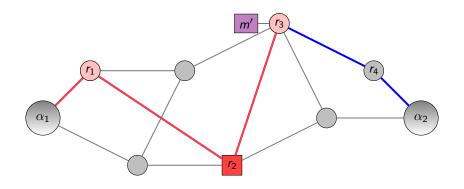


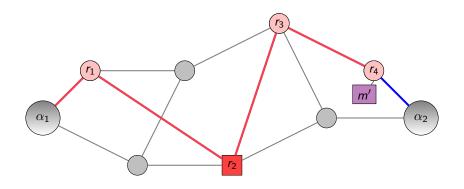


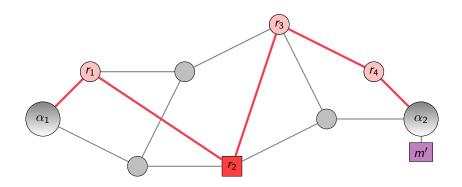


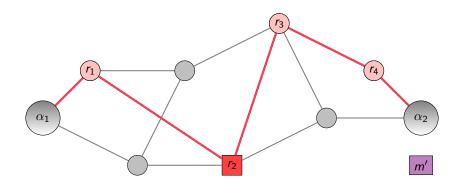


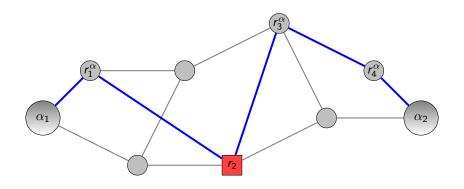


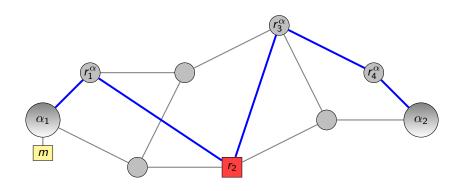


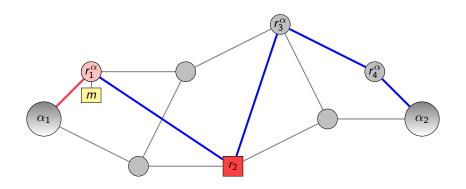


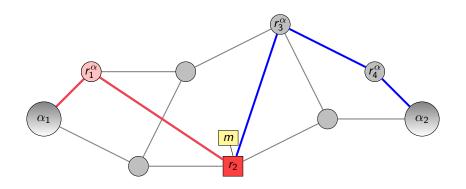


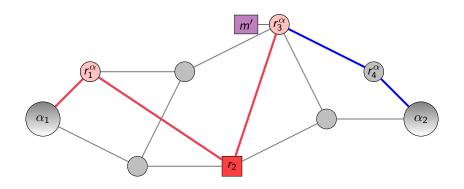


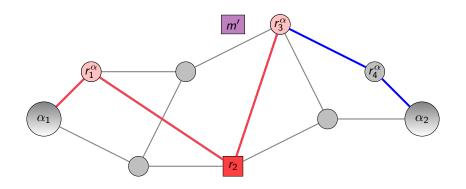












Let's get started