

Overview

- After Xen is installed on your system, when you boot your system
 - Xen is started and then
 - Dom0 (Linux) is started.
- Note that Linux is the environment in which the Ethos kernel is compiled
- It is now possible to
- start Ethos by executing the command ethosStart
- stop Ethos by executing the command ethosStop
- before Ethos is started, the shadow daemon on Linux should be started in another Dom0 window by typing sudo shadowdaemon

Ethos layout

- ethosStart, ethosStop, and shadowdaemon are stored in /usr/bin
- ethos/boot contains the kernel (ethos.elf) and the initstore (initstor.tar)
- ethos/etc contains the domain configuration used by ethosStart to start up Ethos
- ethos/rootfs contains the root file system for Ethos which is opened by the shadow daemon.

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domain_config

Kernel image file. kernel = "/ethos/boot/ethos.elf" ramdisk = "/ethos/boot/initstor.tar" memory = 32 # Initial memory in megabytes name = "ethos" # unique domain name. vif = ['mac=00:16:3E:5B:55:3D'] # ethernet MAC file = open("/sys/devices/virtual/net/eth0/address" extra = file.readline() on_crash = 'destroy'