

November 9, 2018

Chris Rogers

OpenXT 8.1



Agenda

- Overview
- Features
- Roadmap
- Discussion

Agenda

- Overview
- Features
- Roadmap
- Discussion

Overview

- OpenXT 8.1 Release, carrying forward the stable-8 branch
- Chris Rogers – Release Manager

Agenda

- Overview
- **Features**
- Roadmap
- Discussion

Features

- Guest UEFI – Dr. Tamas + Colorado Team
 - Needs integration
- Linux LTS 4.19 – Rich Turner/Mahantesh
- v4v Argo - Eric
- Xen 4.11 – Track memory scrubbing issue - Chris
- Updated TPM 2.0 Tools – Niko Tsirakis
- DRTM+SRTM – Dr. Tamas + Colorado team
 - Needs tboot signed
- 64-bit dom0 and Service VMs – Chris
- OE Uprev (if achievable) – Eric/Chris

Features

- Largest Risk/Impact features:
- DRTM+SRTM
- v4v Argo
- 64-bit dom0 and Service VMs

Features

- 64-bit dom0 and Service VMs
- GHC/Haskell - options
 - Compile as 64-bit and resolve issues
 - Remove Haskell and rewrite toolstack
 - Upgrade GHC and fix up API and dbus package
 - Use OE multilib, compile GHC and Haskell binaries as 32-bit
- Kernel Drivers – blktp, v4v, tpm, txt
- ??? Userspace – xcpmd, likely others

Agenda

- Overview
- Features
- Roadmap
- Discussion

Roadmap

- 64-bit – 4-6 months
- DRTM+SRTM – 1-2 months
- v4v Argo – 2-4 months
- Remaining tasks are all less than 2 months of effort each, can be done in parallel

Roadmap

- RC-1:
 - End of February
- RC-2:
 - Month of testing/bugfixes
 - End of March
- Final OpenXT 8.1 Release
 - End of April

Agenda

- Overview
- Features
- Roadmap
- Discussion