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# **EFI support in Xen The current state of development**

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# Presentation agenda

- Xen hypervisor
- Dom0 kernels
- EFI support in guests

# Xen hypervisor

## Current state

- EFI support was introduced in Xen 4.2
- Only EFI loader is fully supported now
- GRUB/GRUB2 and Xen does not work on EFI platform
- But GRUB2 with fakebios and chainloader can be used to load xen.efi on EFI platform (this option was not tested deeply)
- Daniel Kiper from Oracle works on full GRUB2 support
- Support for Secure Boot with GRUB2 will not be available at first
- GRUB2 requires some changes to support Secure Boot

# Dom0 kernels

## Current state

- Full Dom0 support is in SUSE Linux Kernel
- Upstream Linux Kernel does not have EFI support in Dom0 yet
- Liang Tang from Oracle started working on it but later dropped it
- There are some updates appearing from time to time on Xen-devel but there is no WIP per se yet

# EFI support in guests

## Current state

- Open Virtual Machine Firmware (OVMF) was added to Xen source but it does not compile

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