

# QEMU Home

## About this project

Expanding various tools (especially QEMU) to emulate new ARM architectural features so open source projects can rapidly adopt the latest technology. We also continually improve ARM's hardware virtualization aiming for feature parity with other popular enterprise architectures. We also support engineers from all over Linaro with advice and code review while up-streaming new features to the project.

## Meetings

No scheduled QEMU calls

## Get Involved

The majority of the discussion is upstream with few Linaro specific calls and the occasional upstream KVM call on a Tuesday

- IRC channel is #qemu on OFTC, Engineers nics are pm215, rth and stsquad

The following items are in the current plan

Key	Summary	T	Assignee	Status	Resolution
QEMU-420	GICv4 Emulation		Peter Maydell	TODO	Unresolved
QEMU-419	GIC ITS (Interrupt Translation Service)		Shashi Mallela	TODO	Unresolved
QEMU-417	Implement MTE support in Qemu KVM mode		Haibo Xu	IN PROGRESS	Unresolved
QEMU-415	Add scalable vector type to Valgrind		Assad Hashmi	TODO	Unresolved
QEMU-414	QEMU ARM Cortex-A76 vCPU for TCG		Richard Henderson	TODO	Unresolved
QEMU-406	MVE: M-profile Vector Extension (Helium)		Peter Maydell	IN PROGRESS	Unresolved
QEMU-378	QEMU ARMv8.5 optional features		Richard Henderson	IN PROGRESS	Unresolved
QEMU-364	QEMU support for ARMv8.x-M extensions		Peter Maydell	IN PROGRESS	Unresolved
QEMU-363	Support AArch64 SVE2 ISA in Valgrind		Assad Hashmi	TODO	Unresolved
QEMU-362	Support AArch64 SVE ISA in Valgrind		Assad Hashmi	TODO	Unresolved
QEMU-361	Support ARMv8.2 AArch64 ISA in Valgrind		Assad Hashmi	IN PROGRESS	Unresolved
QEMU-359	ARMv8.x support in Valgrind		Assad Hashmi	IN PROGRESS	Unresolved

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