

Hardware Acceleration Abstraction

Work items identified and in progress for Kali:

Title	PR or issue number	Assigned to or expected from, or comment
[Common] Technical Policies	PR 2407 , PR 2419	merged
[RM Ch02] proposal with hierarchical infrastructure profiles	PR 2312	merged
[RM Ch3] Improve text about standardized interfaces	Issue 2327	closed
[RM Ch4] Basic and High Performance Flavor profiles	PR 2320	merged
[RM Ch3] Added 3.4.2 Time Sensitive Workloads	PR 2386	merged
[RA1 Ch03/04] RM Hardware Acceleration	Issue 2239	is umbrella issue, to be worked once RM changes settle RA1 meeting decided to include in next release as it requires a new OpenStack release selection.
[RA2] More clarifications to acceleration (and SR-IOV) <ul style="list-style-type: none">• Device Plugin operation and example• Operator Pattern• Containers Bare Metal and in VMs	Issue 2255 , PR 2415 , PR 2416 , PR 2417	PR 2415 ready to merge, others merged
[RA2 Ch3] Add Smart Switches	Issue 2330	Per Andersson
[RA2 Ch3, Ch4] Require NFD and Device Plugins [RA2 Ch4.3] Define profile/flavour labels for relevant Hardware Acceleration Abstraction options	PR 2355	merged
[RA2 Ch6] Add Gaps for missing controller/APIs/interfaces for relevant Hardware Acceleration Abstraction options	Issue 2300	gaps will be clearer after working on more above issues and related PRs
[RC2] Write test case for CPU Instructions and Fixed Function Accelerator		Petar Torre
Common ALL kubernetes proposal https://docs.google.com/presentation/d/16jTxhV1vBKwdGKi9jodBZx1yw07mXiBrbkerDMgb03w/edit?usp=sharing		arkady kanevsky

List of ideas from vF2F:

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