

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

List of ideas from vF2F:

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