

2022-05-11 Agenda and Minutes

New Time: 6AM Pacific Wednesday. 3PM CEST, 1PM GMT.

Attendees

[Al Morton](#) [Sridhar Rao](#) Federica Paganelli

Item	Desc	who	Notes/minutes
	Development for Moselle Release	Sridhar	<p>M4 Due next 24 May 2022 Moselle Schedule</p> <p>Moselle Release Progress</p> <p>see Release table below, specific M4 Requirements are:</p> <ul style="list-style-type: none"><input type="checkbox"/> RI validation testing completed. The lead for each RI presents the validation plan and results to the TSC.<input type="checkbox"/> High priority Jira issues resolved (closed or assigned to future release) <p>Sridhar Rao Added reviewing for 6-7 patches in gerrit last week.</p> <p>ACTION: Al Morton review the patches in gerrit, review Daniele's big patch first! Update the Moselle table below as these reviews are completed.</p>
	Testbed - IXIA support	Sridhar/Al	<p>2nd ACTION: Do we have support from Ancuta or other IXIA person? Al Morton sent e-mail</p> <p>ACTION: License for IXIA HW - Check with Trevor</p> <p>Trevor Cooper says connected and powered on, but we still might have a license issue. Need Pierre's help.</p> <p>11 May 2022 this seems to have stalled ...</p>
	Additional Mentoring input	Federica	<p>python scripting with K8s is possible for some students in 3rd year. Projects must have resume value, add skill set or new experience.</p> <p>Sridhar Rao created some projects.</p> <p>ACTION: See proposals & review</p> <p>https://wiki.anuket.io/display/HOME/Potential+Projects+for+Student+Volunteers</p>
	LFN Intern /Mentoring proposal	Sridhar/Al /Federica	<p>Proposed 2022 Work Under LF Mentorship Program</p> <p>XDP performance Studies for Cloud-Native NFV Use Cases</p> <p>Al Morton to connect with Maryam, DONE.</p> <p>"Maryam Tahhan joins the crew to talk XDP, AF_XDP, and fast networking"</p> <p>Operations support seems to be a big issue, and performance is currently about 0.7 of VPP and DPDK</p> <p>ACTION: EVERYONE, review the papers as selected, plus the Intro of the thesis paper</p> <p>Al Morton the Intro to the Thesis is good, as Sridhar suggested.</p> <p>We have been contacted twice by a strong candidate Intern, Shivank Chaudhary, who will complete the application process ASAP. He has already reviewed the project materials and papers, and is still very interested.</p>
	Work for next month	Sridhar	<p>Bring closure to Daniele's work and see if there is anything worth publishing, may consider less-selective conferences if novelty is less</p>

Progress for Moselle

1	Epic-VINEPERF-672:Create Tools as part of moselle release	1. Done (Yet to submit the patch) 2. Another - Will not implement - Idea is already stale.	CCLA for Moselle release (LF as C) CCLA issue resolved 27 Apr 2022 Patch is submitted		
2	Epic-VINEPERF-671:Add support for newer software versions	Completed testing.	Done		

3	Epic-VINEPERF-670:Create clean workflows for Baremetal, Openstack and Kubernetes Usecases	Workflows are drawn-up. Implementation may need few more days. Request for 1 week more.	Minor work needed for K8s Workflow			
4	Epic-VINEPERF-669:Improve Stability for moselle Release	1. Bug Fixes (2 patches)	Done			
5	Epic-VINEPERF-652:Enhance XTesting-ViNePerf Integration		depends on 7			
6	Task-VINEPERF-658:Enhance framework for XTesting-K8s Usecase	Partially done (reading results from output), Deployment tool.	1 task remains			
7	Task-VINEPERF-654:XTesting-ViNePerf Integration Enhancement - Kubernetes	Will not implement due to limitations with CNIs. Moved to Next release - if CNIs support this.	Need CNI to add flows automatically in Switches (Userspace-CNI, supports DPDK, OVS, VPP). Major impediment to integrate with X-Testing Sridhar will check with Xavier if ARP resolution is supported in Prox as a switch TBD			
8	Task-VINEPERF-653:XTesting-ViNePerf Enhancement - Openstack [OLD]	Done				
9	Epic-VINEPERF-638:Dataplane performance testing for various internal (within cloud) scenarios	Completed - Yet to submit the patches - Done	Danielle will submit patches after Thesis on Friday, Monday 04/25 27 Apr 2022 After review tomorrow, Daniele will submit the patch. Al Morton will need to review (big patch with documentation) - Done 11 May 2022			
10	Task-VINEPERF-643:Pod-Pod Communication					

ACTION ITEMS

- ✓ Sridhar Rao to think of Python scripting tasks.
- ✓ ACTION: Al Morton review the patches in Gerrit, review Daniele's big patch first! Update the Moselle table below as these reviews are completed.