2022-06-01 Agenda and Minutes

New Time: 6AM Pacific Wednesday. 3PM CEST, 1PM GMT, 0630 India time

Attendees

Al Morton Sridhar Rao Intern Shivank Chaudhary

It em	Desc	who	Notes/minutes
	Welcome Shivank!	Sridhar and Al	Work will start on Monday 06 Jun 2022 Sridhar Rao will send meeting invite.
	Development for Moselle Release	Off-line	M5 Due next 07 Jun 2022 Moselle Schedule Moselle Release Progress 1. Documentation Check - Moselle Release. 2. Build and Test-Run. 3. Release Notes. Deadline: 5th June.
	Tasks and Action Plan for Shivank		1. Get access to the Testbed (Pod12) 2. Demonstrate how to use Prox and T-Rex on Node-5 3. Start with Baremetal and eBPF: Node-5 and Node-4 4. Kubernetes Cluster Setup - Node-1 and Node-2: Install Necessary Components.
	Intern: ToDos before 6th		1. Accept ICLA in Gerrit. 2. Open Jira ticket for VPN Access to Intel Pod12. 3. Add SSH key to gerrit. 4. Create Jira tickets (a) Story (b) Tasks.
	ITEMS Below Deferred for future meeting		
	Testbed - IXIA support	Sridhar/Al	2nd ACTION: Do we have support from Ancuta or other IXIA person? Al Morton sent e-mail ACTION: License for IXIA HW - Check with Trevor Trevor Cooper says connected and powered on, but we still might have a license issue. Need Pierre's help. 11 May 2022 this seems to have stalled ...
	Additional Mentoring input	Federica	python scripting with K8s is possible for some students in 3rd year. Projects must have resume value, add skill set or new experience. Sridhar Rao created some projects. ACTION: See proposals & review https://wiki.anuket.io/display/HOME/Potential+Projects+for+Student+Volunteers
	LFN Intern/Mentoring proposal	Sridhar/Al /Federica	Proposed 2022 Work Under LF Mentorship Program XDP performance Studies for Cloud-Native NFV Use Cases Al Morton to connect with Maryam, DONE. "Maryam Tahhan joins the crew to talk XDP, AF_XDP, and fast networking" Operations support seems to be a big issue, and performance is currently about 0.7 of VPP and DPDK ACTION: EVERYONE, review the papers as selected, plus the Intro of the thesis paper Al Morton the Intro to the Thesis is good, as Sridhar suggested. 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.
	Work for next month	Sridhar	Bring closure to Daniele's work and see if there is anything worth publishing, may consider less-selective conferences if novelty is less

Progress for Moselle (summary: items 5,6,and 7 lack the necessary automated address discovery feature, defer)

see Moselle Release

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 - Done.		
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 **DONE??? I think so.**		
4	Epic-VINEPERF-669:Improve Stability for moselle Release	1. Bug Fixes (2 patches)	Done		
5	Epic-VINEPERF-652:Enhance XTesting-ViNePerf Integration	Moved to Next Release	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