Meeting of the Technical Steering Committee of the Akraino Edge Stack Project

March 28, 2019

TSC Voting Member Roll Call

Member Company	Voting Member Name	Contact info
Arm	Tina Tsou	tina.tsou@arm.com
AT&T	Kandan Kathirvel	kk0563@att.com
Dell	Tim Epkes	tim_epkes@dell.com
Ericsson	Torbjörn Keisu	torbjorn.keisu@ericsson.com
Huawei	Wenjing Chu	wenjing.chu@huawei.com
Intel	Jenny Koerv	jenny.koerv@intel.com
Inwinstack	Thor Chin	thor.c@inwinstack.com
Juniper	Sukhdev Kapur	sukhdev@juniper.net
Nokia	Tapio Tallgren	tapio.tallgren@nokia.com
NTT	Takeshi Kuwahara	kuwahara.takeshi@lab.ntt.co.jp
Qualcomm	Shahid Khan	shahidk@qti.qualcomm.com
Radisys	Prakash Siva	psiva@radisys.com
Red Hat	Frank Zdarsky	zdarsky@redhat.com
Seagate Technologies	Tim Walker	tim.t.walker@seagate.com
WindRiver	Dariush Eslimi	dariush.eslimi@windriver.com

Agenda

› TSC F2F Agenda

› Community Lab Update

› Sub-Committee Update

TSC F2F Meeting Agenda Update

› Session 1, Tuesday April 2nd 2019

› Room: CR-SC12-638

Time	Topics
1:00pm – 3:00pm	Release 1 Planning 1. Documentation Sub-Committee update *(Sujata Tibrewala)* 2. Process Sub-Committee update/ Project maturity for release 1 @TSC *(Andrew Wilkinson)* 3. LF tools and Jenkins release process *(Eric Ball)* 4. Validation project *(Tapio Tallgren)*
3:00pm – 3:15pm	Coffee Break
3:15pm – 4:00pm	5. CI/CD 6. Community Lab update *(Cesar Berho and Brett Preston)* 7. Community Lab build process update 8. Co-chair for CI Sub-Committee
4:00pm – 4:30pm	9. LF Edge TAC process alignment @TSC 10. LF Edge overlap project -Define TSC Approach
4:30pm – 5:00pm	11. API Sub Committee Discussion

› Session 2, Friday April 5th 2019

› Room: CR-SC12-175

Time	Topics
8:00am – 9:30am	Project update from PTLs and TSC Members
9:30am – 9:45am	Coffee Break
9:45am – 10:40am	Open Discussion

Community Lab Update

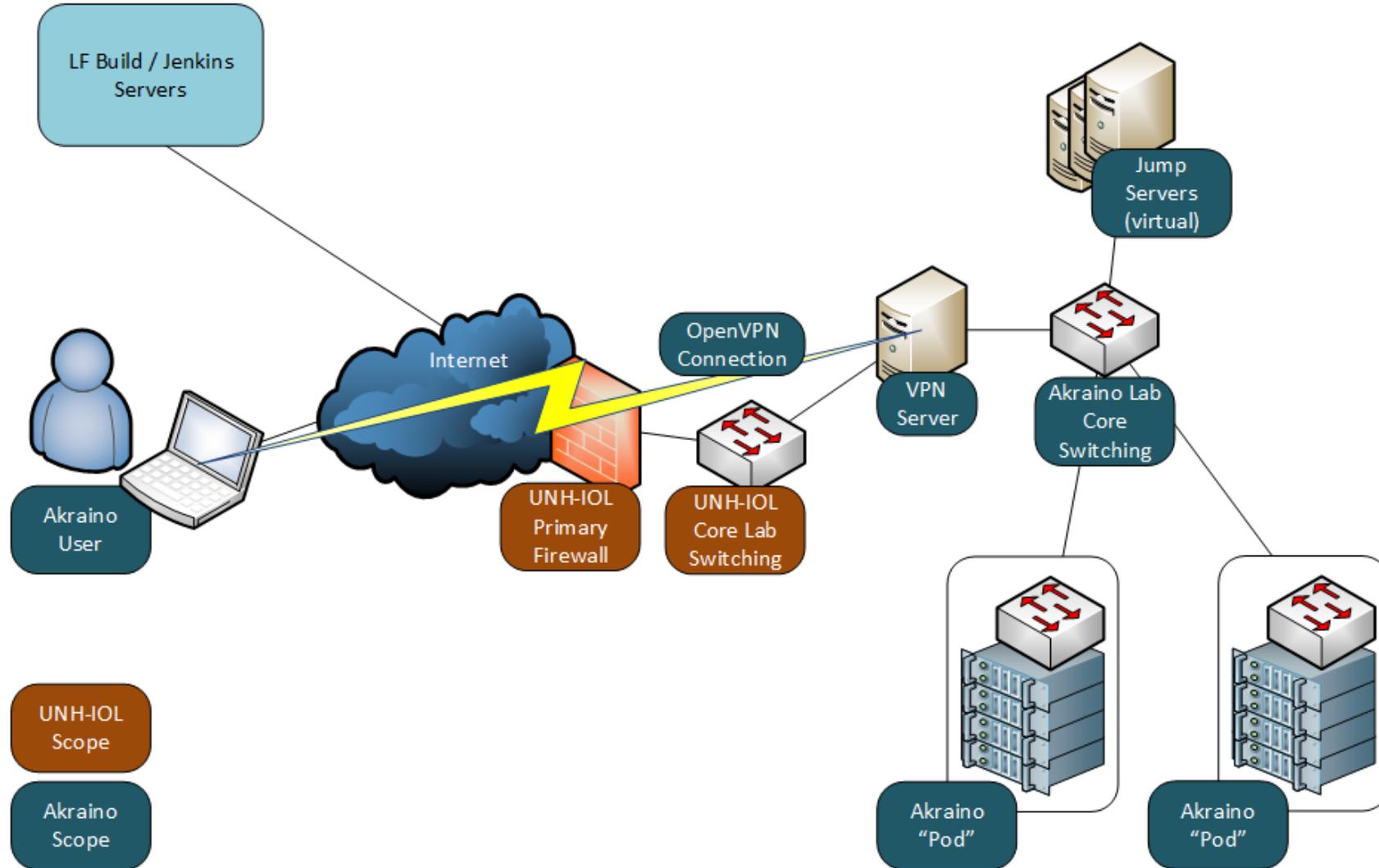# The University of New Hampshire InterOperability Laboratory
(UNH-IOL)

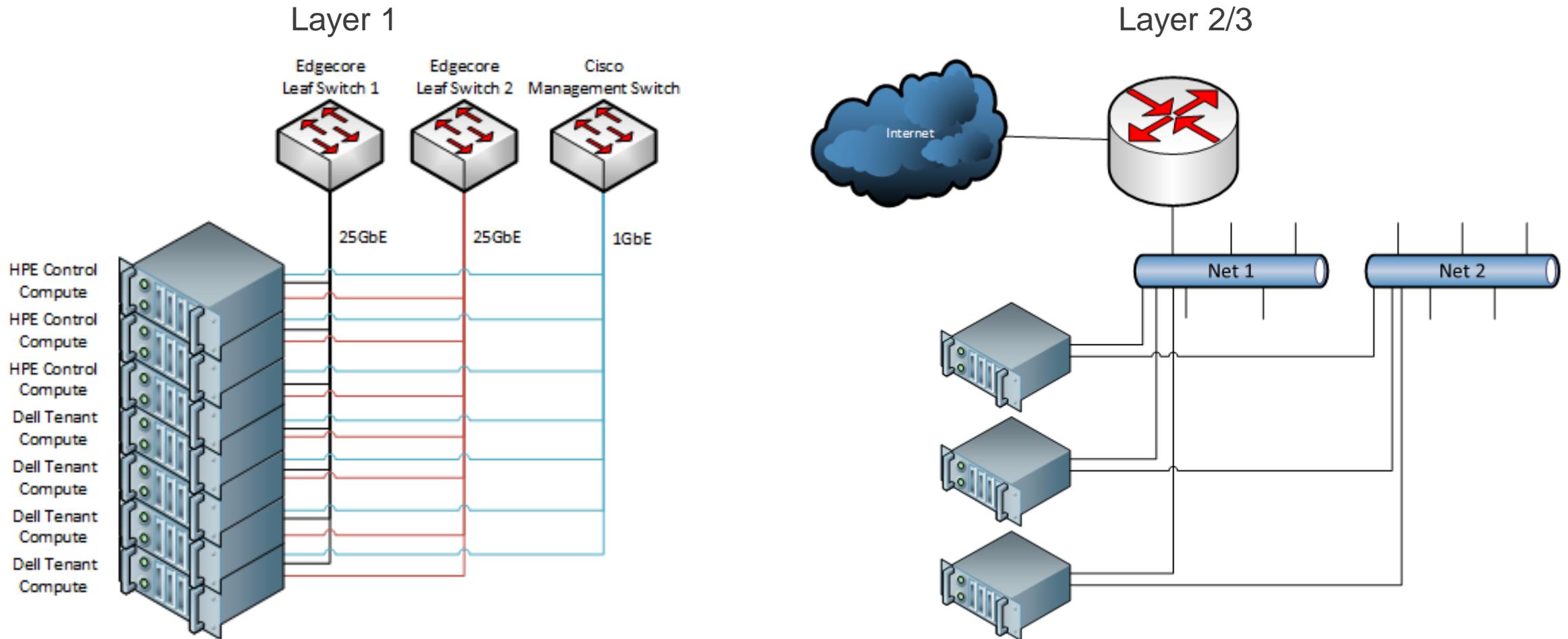## Akraino Lab
Setup & Build Out

www.iol.unh.edu

Current Status

- Lincoln Lavoie, lylavoie@iol.unh.edu, is the primary UNH-IOL contract for the Akraino project
- Currently contacting equipment suppliers from Bill of Materials (BOM) for donations and purchases:
  - 1 participant has confirmed shipping by end of April
  - 3 participants are confirmed working on quotes
  - 1 participant has withdrawn the donation
  - UNH-IOL working on sourcing switches, racks, and other miscellaneous items
- LF is currently reviewing the SOW, by LF Legal / Contracts team

Anticipated Lab Topology

Example "Pod" - Unicycle

Layer 1

Layer 2/3

Open Questions

- Need to define how the hardware is "group" into "pods" or "blueprints?
  - Currently BOM seems to reflect Unicycle and OCP "pods"
  - What are the other "pods"?
- Each "blueprint" or "pod" will need to provide a desired networking configuration
  - Physical and Layer 2 (VLANs / VxLANs)
  - Only 2 "pods" had planned switching infrastructure included in the BOM
  - What are the required IP resources for each pod?
- Will the "pods" need connectivity to each other?
  - This might require coordination of Layer 3 usage between each "pod"
- Will the "pods" need connectivity to other LF resources (LaaS, etc)?
  - We are assuming there will be some interest in a jump server that is "slaved" to the LF Jenkins systems

Hardware Specific Questions

- Only Huawei Taishan v1 servers are currently available, is the correct server?
- Gigabyte R181-T90 servers have a 14-16 week lead time.
  - An alternate server is R281-T91, is this acceptable?
    - Same motherboard / processor as R181-T90, chassis is 2U and can hold more PCIe cards

Sub-Committee Updates

Sub-Committee	Chair	Notes:
Upstream	Wenjing Chu	
Process	Andrew Wilkinson	
CI and Blueprint Validation Lab	Cesar Berho	
Community	Tapio Tallgren	
Documentation	Sujata Tibrewala	Release planning process/page: https://wiki.akraino.org/display/AK/Project+Status+in+Release+1
Security	Ken Yi	