



UCS Servers at Portland Data
Center

Please direct any questions
to info@opnfv.org

Issue

- We have 16 UCS servers located at the Portland Data Center without any formal support arrangement (LF or vendor).
 - Note: LF lacks personnel with expertise with UCS
 - A vendor support contract was cancelled due to lack of effectiveness
- We tend to have problems with these servers about 3 – 4 times per year.
- So far, we've relied on informal support arranged by Frank B.
- In addition, these servers are aging. They've been in service about 3 years.



Solution

- One solution is to replace the 16 UCS servers with support from packet.net.
- Advantages
 - LF has a good relationship with Packet on multiple projects
 - Maintained by packet
 - Regular rolling upgrades of hardware and software
 - Flexible configuration and location
 - Support for additional hardware (traffic gen, accellerator, etc.)
- Disadvantages
 - Cost



Cost Comparison

- Estimated cost for UCS servers
 - ~\$38K / year (hosting + LF support)
- Preliminary cost estimate for equivalent Packet support
 - ~\$196K / year
- Difference
 - + \$158K / year



TSC Ask

1. The TSC agrees that the UCS servers at PDX should either
 - a. Have a formal support mechanism
 - b. Be replaced by systems that are fully supported
2. The TSC agrees to develop a plan for evaluating the suitability of packet.net support for OPNFV, which includes paying for one month of support for a single POD (~\$8K).
 - The TSC will review and approve of the evaluation plan before requesting funds for the evaluation.





Questions?

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