

IU File Store Status Update Spring 2015

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10 February 2014

Presented to IUPUI Faculty Council Technology Committee

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Please cite as: Stewart, Craig A. "IU File Store Status Update Spring 2015." Presentation to the IUPUI Faculty Council Technology Committee." Indiana University Purdue University Indianapolis, February 10, 2014. Available at: <http://hdl.handle.net/2022/19595>



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Status

- No one is happy
- We're doing some things to try to make as many people happy as soon as is humanly possible
- So far we have had two primary goals that have had no common solution. That seems to be changing.



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Priorities (in order)

- IUFS must have the capability of storing critical data
- IUFS price point should be as close to \$0.50 per GB
- Ability for group access control, user-driven version restoration important



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3- or 4- pronged approach

- IUFS – Beta testing – time line 2 months to....
- IU something something (IURS?) supporting research data that must be accessed at high speed and/or PHI
- Intelligent Infrastructure II – time line months
- Possibly Box for critical data as well



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IUFS Beta

- Beta to be launched in Spring 2015
- Will last no more than 1 year with exit strategy for participants
 - 1 TB max allocations
 - No after hours support, support through SC
 - Windows and Mac OS X platforms initially



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IUFS Beta RFP & Timeline

- RFP being sent out in February
- Install and operational by end of March
- Pilot period with selected vendor with scale out upon successful pilot
- Vendor pilot 180 days, IUFS Beta for at least a year
- UITS will migrate users to different infrastructure if needed



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Capabilities

- Essential
- Supports critical data
 - Encryption at rest and in-transit
- **Pricing approximately \$0.50/GB/yr**
- Important
- Support for ADS and ACL based permissions
- Snapshots and versioning for at least 60 days
- User initiated recovery; no tape or TSM
- Replicated between IUPUI and BL DC
- CIFS protocol based; NFS possible
- TB's of storage, self healing



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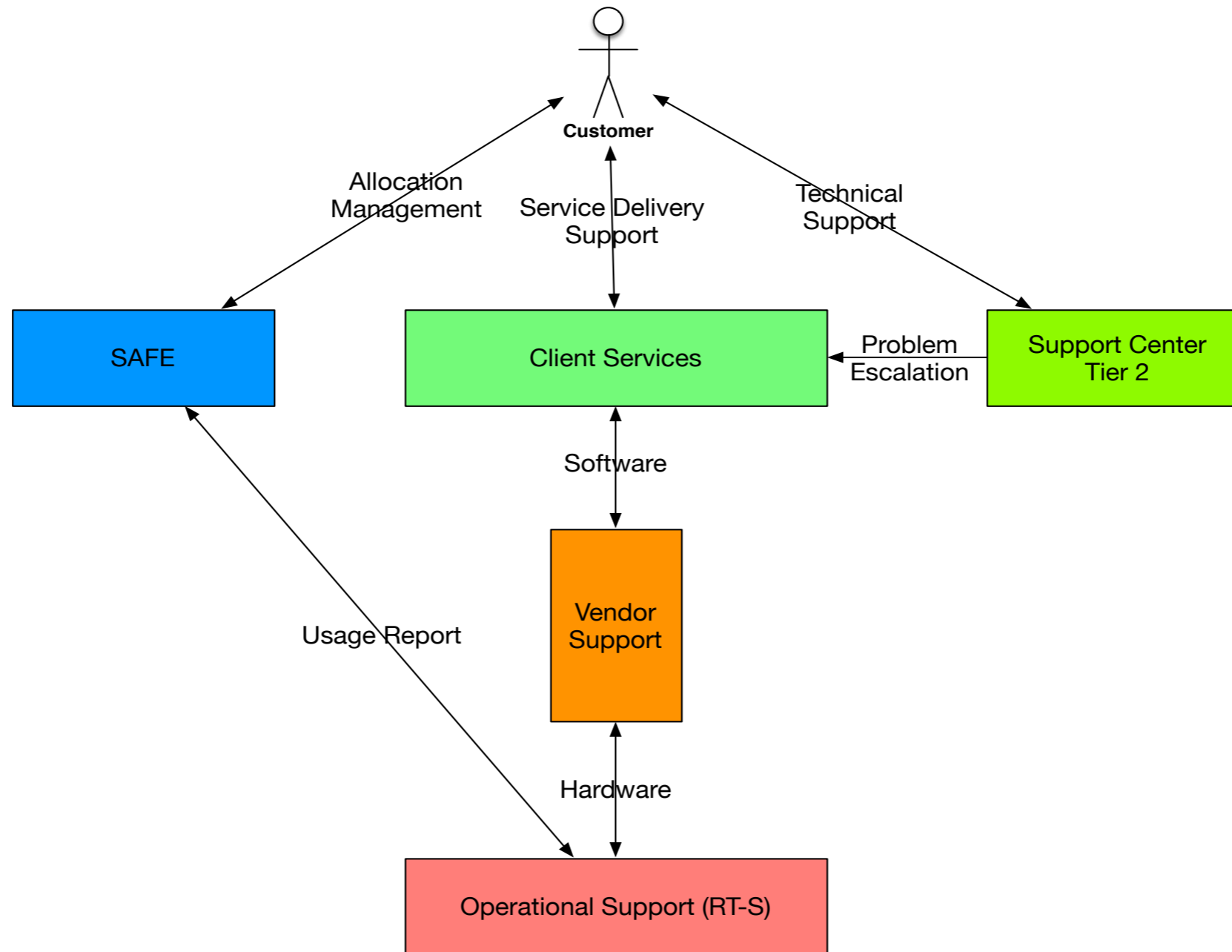
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Organizational Support



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Questions?



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