

UMD updates: OS support

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- SL5 status
- EPEL7 support status
- Feedback from stakeholders
- Proposal for a SL5/EPEL7 Calendar
- EMI repositories decommissioning

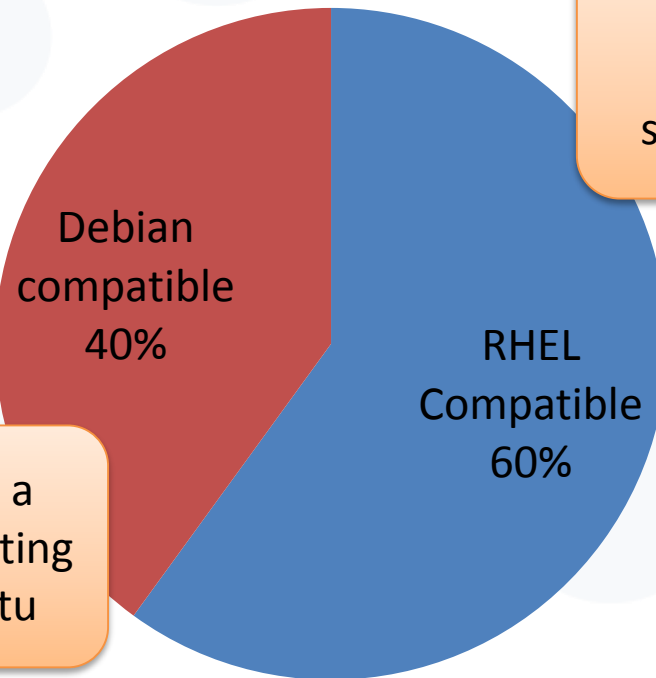
- SL5 support aligned with RHEL5
 - no more "Full support"
 - end of "Transition" Phase on January 31, 2014
 - not getting anymore new software functionalities
 - in "Maintenance" **until March 31, 2017**
 - only urgent/critical fixes until then
- Quick search in top BDII
 - more than 500 entries publishing RHEL6-compat
 - about 100 entries publishing RHEL5-compat
- Result: more than 80% **not** using RHEL5-compatible Oses
 - *Still 20% though...*
- Supporting CentOS7 in UMD requires to schedule the end of support of SL5 in UMD

- Product Teams feedback at last URT meetings
 - 13 products are ready for EPEL7
 - ARC,
 - Information System
 - DPM, LFC, FTS3, DMC clients,
 - dCache,
 - glexec, canl-*, glite-px-proxyrenewal, gridsite,
 - Globus
- Several product teams not yet releasing in EPEL7 are waiting for a clear requirement from the users and stakeholders
 - CREAM is one example, several resource providers are asking for it

Information reported by NGIs during operations meetings:

- Many sites are going to migrate away from SL5 during the next months
- Some sites might stay longer with SL5 for some services
 - Issue with few applications still on SL5, support for SL6 is work-in-progress (e.g. SAM)
- Some sites are already using SL7 and cannot deploy MW
- Some sites are assessing the need of having UMD products in CentOS7/SL7
- In particular for storage elements or other products with non-trivial re-installation procedures

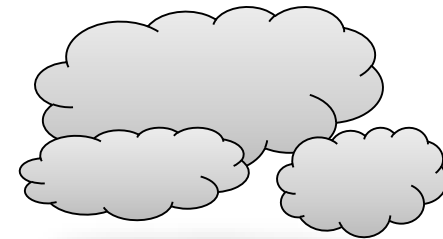
Meanwhile in the clouds..



60% of the cloud sites use a RHEL compatible operating system for their infrastructure

The remaining 40% use a Debian compatible operating system. Basically: Ubuntu

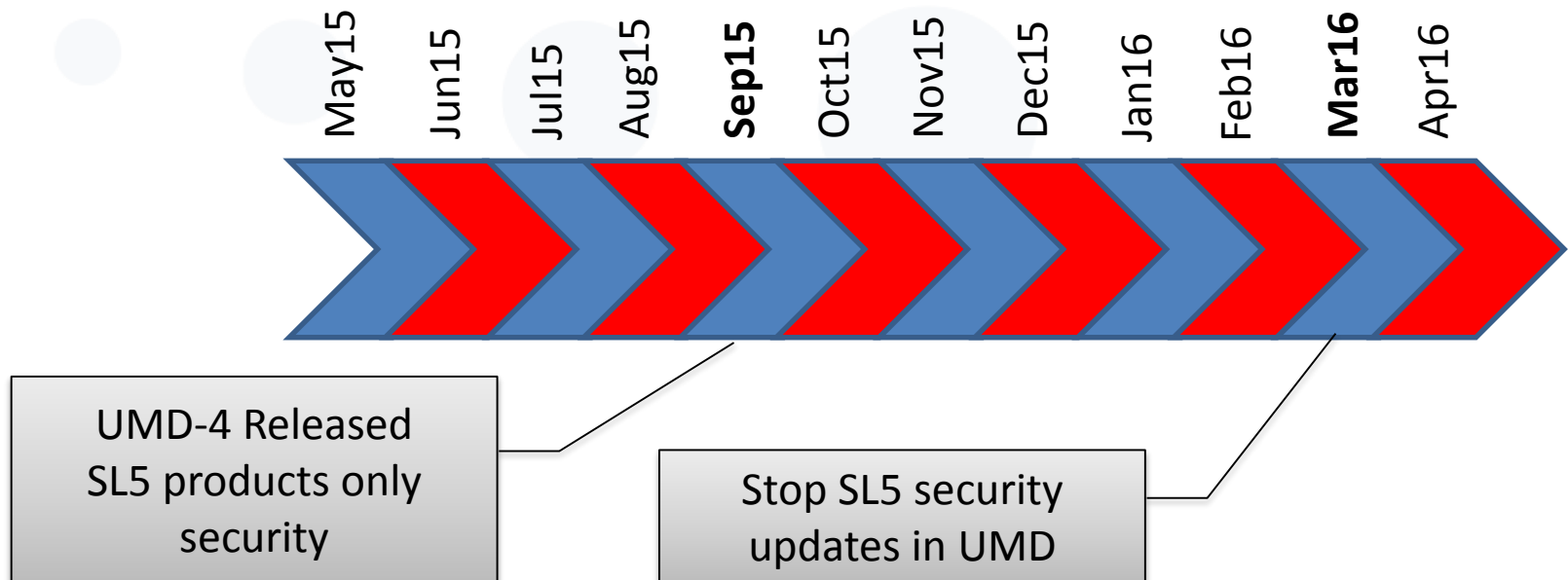
{ Ubuntu is becoming the first non-RHEL O.S. in EGI }



- UMD 4
 - New major release for UMD, it will contain:
 - EPEL7 (CentOS7) products
 - SL6/EPEL6 products only when:
 - Breaking backward compatibility with the UMD-3 version
 - Not released yet in UMD-3
- UMD 3
 - SL6/EPEL6 products updates (not satisfying the UMD 4 requirements)
 - SL5 products security updates only
 - After the release of UMD 4

Proposal for a timeline

- Release of UMD4: **SEPTEMBER 2015**
- Decommission of SL5: **MARCH 2016**



Decommissioning of EMI repositories

- Plan to decommission the EMI repositories from **September 2015**
- UMD-preview: monthly updates of EMI (an other sources) products **without any additional quality control**
 - As it is now for the EMI repositories
- Equivalent of the EMI 3rd party repositories will be provided by an AppDB repository (yum-based repository)
- Product teams release notes will be aggregated in the UMD pages
- For the moment only SL5 and SL6 updates

- Demand for CentOS7 and Ubuntu 14 is increasing from sites
 - From September UMD team wants to start releasing also for these operating system, starting with CentOS7
- Still a considerable fraction of sites using SL5 products
 - Need for SL7 version of the middleware for a direct EPEL5 → EPEL7 jump
- Need also to agree with the user communities to ask for the missing middleware in CentOS7

Thank you for your attention.

Questions?



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