Linux future MW readiness

GDB meeting, 9 Feb 2022

Maarten Litmaath

v1.0

Introduction

- **From the Dec GDB summary [presentation](#):**
  - RHEL, CentOS Stream and 100% Enterprise Linux Clones should be treated equally
  - WLCG sites should plan migrations before 7 EOL (mid 2024)
    - From *7 to 9* seems promising during the period 2H 2022-2023 subject to *middleware availability*
    - CS9 already available, RHEL/ELC 9s coming in the next few months
    - 8 may also be used already as needed for hardware compatibility or functionality

- **MW product teams can use any EL9-compatible distribution → collectively captured as "CS9"**

- **EGI + WLCG Ops Coordination launched a [mini survey](#) about ETAs for CS9 releases**
  - **Main goal:** to get CS9 on the agendas as something to work on already **"now"**

- **EPEL 9 currently has a lot fewer packages than EPEL 7 & 8**
  - Some MW products may find critical dependencies missing

Current [summary](#)

Product	CS9 ETA	CS8 support	Notes
APEL client			
ARC-CE			
Argus			
BDII	2022 Q4	Currently unsupported	
CVMFS	2022 Q1	Supported	
Data management clients	2022 Q2	Supported	EPEL
dCache			
DPM	Not supported	Not supported	EOL mid 2024
EOS	2022 Q1 (*)	Supported	(*) waiting for missing dependencies
Frontier-Squid	2022 Q2	Supported	
FTS	2022 Q4	best effort	
Globus	available, best effort	best effort	EPEL
GridSite			PT wants to discuss EOL
HTCondor	2022 Q2	2022 Q2, supported	
IAM			
LCAS & LCMAPS	Not yet planned	Security fixes, rest best effort	can only start testing CS9 when Globus and VOMS are there
perfSONAR			
Singularity			
StoRM	Not yet planned	Not supported	
UI			
VOBOX	Not yet planned	Not (yet) supported	
VOMS client			
WN			
XRootD			

Conclusions

- CS9 timelines look good for various MW already

- Other product teams to be reminded in the coming months

- The [summary](#) page should show the state of affairs

- Updates to be presented in future GDB meetings etc.