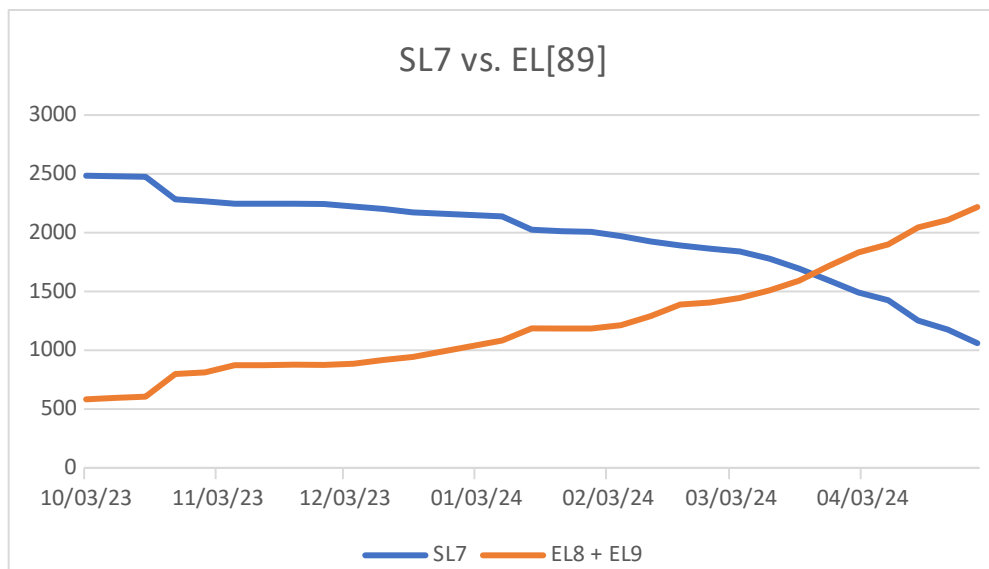


Hardware/Sysadmin/Puppet May 7, 2024

- Hardware news
 - All worker nodes in house have BIOS updates completed. A few worker nodes have been sent back to the OEM for repair.
- General Info
 - Alma 9.4 updated last night. A few servers had apache issues which were mostly fixed by Puppet later.
 - Primarily focused on SL7 upgrades
- Upgrading from SL7
 - Status:

OS version	SL7	EL8	EL9
# nodes	922	706	1641



- OKD
 - okdgaworker01 (old a100) upgraded to Alma 9
 - okdssidevgpvm01 upgraded to Alma9
 - created okddevgpvm01-al9 and okdprod{1,2}gpvm01-al9 to prepare for other alma9 upgrade

- GPCF/RHV/Proxmox
 - Prepping new serial console setup
 - kernel params changed on all VMs
 - modified consolemunge code on ssiconsole4 so it will detect if a serial device is present or not and depending of the result, call text or graphical console.

- Miscellaneous
 - lqnfs monthly backup completed (manual process)
 - working with Landscape folks to test ipv6 with Podman containers for their service
 - new DES server (delvesrv01) has been received, waiting for Network before we can install
 - ongoing firmware updates of Garbo E60's

- SL7 Upgrades
 - 67 more worker nodes reinstalled with Alma 9
 - cmsde02 installed with Alma 9 (repurposed cmssrv2309)
 - fermifactory01 reinstalled with Alma 9
 - hepcintfactory01 reinstalled with Alma 9
 - icarusgpvm02/03 reinstalled with Alma 9
 - dunegpvm01-09 reinstalled with Alma 9
 - dunebuild01 reinstalled with Alma 9
 - stkendca1901-1910 reinstalled with Alma 9
 - graphitesrv03 reinstalled with Alma 9
 - sbndgpvm02 reinstalled with Alma 9
 - ifbcollectorgpvm02 reinstalled with Alma 9

- Installs/Moves/Retirements
 - mu2eimagegpvm02 retired
 - several cmssrvz servers repurposed/renamed as cmsgwms-submit nodes

- Normal operations: 21 tickets and 60 logged interventions—replacing disks, rebooting hung systems, fixing corrupt RPM databases, retiring systems, fixing xinetd issues, clearing caches, fixing hung NFS mounts, fixing Puppet errors, etc.

HPC (High Performance & Parallel Computing)

- No news is good news