

# Alma 9 Status

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# Background

- SL7 reaches EOL on June 30 and creates need to find a migration plan at the SDCC
- WLCG community recommendation of Alma9 as replacement for SL7
  - SDCC supports many non-WLCG projects in addition to ATLAS
  - Leverage Alma9 migration effort for ATLAS and provide uniform solution for all other projects the SDCC
- We provide a brief summary of Alma9 activities in the following slides

# Project Alma 9 Challenges (Started November)

- Knowledge Gap: Navigated the transition from SL7 to A9 without prior experience, requiring me to understand the rationale behind existing configurations.
- Team Support: Assisted colleagues in navigating through significant staff departures.
- Configuration Management: Initiated configuration management for A9 as it was previously unmanaged.
- Security Shift: Adapted to the removal of tcpwrappers and implemented alternative security measures.
- Code Modernization: Led the effort to update various Python 2.7 code to Python 3.
- Authentication Upgrade: Migrated authentication from the deprecated nslcd to SSSD.
- Condor Learning Curve: Gained some knowledge of Condor (minimal still).

# Project Alma 9 today

- Worker nodes (rhic and atlas) –initial deployment underway
  - Currently used by selected experts to validate it.
- Workload/Batch Infrastructure Nodes:
  - Condor manager node: work in progress
  - Condor submit node: work in progress
  - Gatekeepers: work in progress
  - Other type of nodes: work not started
- Some python projects currently with no available effort
  - Jupyter, etc.
- ATLAS remains on target for summer transition to A9

# Questions