

# ATLAS: CentOS7

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# Summary

- Mostly summary of info at ATLAS CentOS readiness page
  - <https://twiki.cern.ch/twiki/bin/view/AtlasComputing/CentOS7Readiness>
- **Grid middleware services:** can be upgraded. As long as they work and WLCG declares them ready ATLAS is happy to use them.
- **Central Services** (ATLAS services like Rucio, Panda etc): migration of central services is not foreseen before LS2 unless requested by service manager.
- **Worker nodes:** a mass migration is not foreseen before LS2, however sites that need to move sooner rather than later can start testing and their feedback will be collected.

# WN Middleware

- OSG middleware is already available
- EGI middleware is not yet available
  - It is NOT recommended for sites using this middleware to move.
  - For sites that have no alternative but to move because for example they have a shared cluster there are a couple of recipes
    - TRIUMF-LCG2 documented their setup [here](#)
    - UKI-SCOTGRID-ECDF documented their setup [here](#)

# ATLAS Software

- Current production releases (SLC6 64 bit) currently being tested for compatibility when running on CentOS7
- SLC5 releases (Athena release 17 and earlier) are not expected to work and will not be validated
- Native CentOS7 builds are planned for release 21 onwards and will start in summer 2016