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# *Belle II computing*



*Takanori HARA (KEK IPNS)*  
*takanori.hara@kek.jp*

# Considerations

*Current situation : Belle II computing officially supports CentOS7*

*Belle II distributed computing system heavily relies on DIRAC  
and CentOS7 is the only OS supported by DIRAC now*

## *Considerations on the future OS*

- *Sites : Grid (e.g. KEK, BNL, DESY, GridKA, CNAF, many European sites) : ~75%*  
*Cloud (e.g. UVic, U of Melbourne) : ~15%*  
*Computer cluster (many Asian universities) : ~10%*

*e.g. KEK CRC : no concrete plan for the next OS has been shown, yet.*

- *Interware, critical services : DIRAC, Rucio, AMGA*

*Again, heavily depends on the OS supported by DIRAC*

- *Belle II software, external software (e.g. Geant4, ROOT, etc.) : OK with RHEL clones ?*

*(not confirmed yet)*

*based on the discussion so far, it is unlikely that all sites will have the same OS*

*If sites decide to adopt the OS which is not supported by DIRAC, (but I suppose, RHEL clones)  
sites members are expected to work together with Belle II computing members  
and make DIRAC / Rucio / AMGA clients run on their sites*