

- Connection
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- Agenda
  - Short Term (2022APR)
  - Mid Term (2022JUN --> 2022AUG)
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- Conclusions
  - 2022APR
    - Priorities
- Action Items
- Doodle: <https://doodle.com/poll/am8ensgsfwg9emhs>
- Date: 2022-02-10 – 22:00 UT
- Zoom details will be sent out in an e-mail

## Short Term (2022APR)

- Maintenance (Bug-fixing / Improvements)
  - Callbacks between C++ components fail after a full antenna restart ( [ICT-12398](#) - Getting issue details... STATUS ) – 2022APR
  - Phase A tests reports improvements ( [ICT-20053](#) - Getting issue details... STATUS ) – 2022APR
  - Phase A test stabilization for RHEL 8 ( [ICT-20014](#) - Getting issue details... STATUS ) – 2022APR
- Obsolescence Management
  - RHEL 7 and 8 releases
  - Change Default C++ Standard to C++17 ( [ICT-20022](#) - Getting issue details... STATUS ) – 2022APR
  - CORBA Vendors
    - ACE/TAO (7.0.6+) ( [ICT-20023](#) - Getting issue details... STATUS ) – 2022APR
    - OmniORBpy (4.3.0+) ( [ICT-20024](#) - Getting issue details... STATUS ) – 2022APR
  - Core Tools
    - PyEnv (2.2.3+) ( [ICT-20025](#) - Getting issue details... STATUS ) – 2022APR
  - If RHEL 8, following third party packages should be installed by the O.S.:
    - Tcl/Tk (8.6.8) ( [ICT-20026](#) - Getting issue details... STATUS ) – 2022APR
    - Ant (1.10.5) – 2022APR
  - Upgrade third party fallback version (Not relevant for ALMA)
    - Tcl/Tk (8.6.8) ( [ICT-20026](#) - Getting issue details... STATUS ) – 2022APR/2022JUN
  - Python dependencies (13) upgrade ( [ICT-20027](#) - Getting issue details... STATUS ) – 2022APR
    - Remove: linecache2, logilab-astng, logilab-common, nose, test-generator, traceback2, unittest2
    - Install: nose2
    - Upgrade: pip + 5 dependencies
  - Java Dependencies (15) upgrade ( [ICT-20028](#) - Getting issue details... STATUS ) – 2022APR
    - Remove: jms, xtmodcoll
    - Install: commons-collections4, jakarta.jms-api, javax.jms-api
    - Upgrade: 10 dependencies
  - Planning for 2022 releases – 2022APR
- BulkDataNT RTI DDS Improvements – 2022APR
  - Performance improvements 700+ MB/s over 10 Gbps link ( [ICT-19936](#) - Getting issue details... STATUS ) – 2022APR
  - Synthetic tests can be run in standalone mode ( -g flag to be used without ACS) ( [ICT-19968](#) - Getting issue details... STATUS ) – 2022APR
- C++ Modernization
  - Standard C++ Smart Pointers ( [ICT-19829](#) - Getting issue details... STATUS )
    - SCCB ( [SCCB-1187](#) - Getting issue details... STATUS ) + Rollout – 2022APR
- Component skeleton code generation ( [ICT-19946](#) - Getting issue details... STATUS ) – 2022APR

- Development and Community OS Support ( [ICT-19797](#) - Getting issue details... STATUS )
  - Jenkins Build + Phase A tests
    - Debian 10/11 ( [ICT-19816](#) - Getting issue details... STATUS ) – 2022APR
    - Ubuntu 20.04/22.04 ( [ICT-19817](#) - Getting issue details... STATUS ) – 2022APR

## Mid Term (2022JUN --> 2022AUG)

- Obsolescence Management
  - RHEL 7 and 8 releases – 2022JUN
    - We expect 2022JUN to be the latest RHEL 7 release
  - Maven, Eclipse – 2022JUN
  - Python dependencies (12) – 2022JUN
  - Python dependencies (9) – 2022OCT
  - Java Dependencies (TBD) – 2022JUN
  - Java Dependencies (TBD) – 2022OCT
- C++ Modernization
  - Replace ACE\_TSS by C++11 standard thread\_local (2022JUN) – [ICT-20133](#) - Getting issue details... STATUS
  - Replace the use of LokiSingleton by C++11 local static variable (2022JUN) – [ICT-20138](#) - Getting issue details... STATUS
  - Analyze refactoring or replacement of logging service
- Development and Community OS Support
  - Jenkins Build + Phase A tests
    - Others operating systems?
- ComponentCaller API Security

## Long Term (TBD)

- Java 17 – 2023APR+
  - Will be scheduled for some point during 2023 aiming to Cycle 11 (2024-10 deployment)
- Jakarta EE 9+ / Hibernate 6+ / Spring 6+ / Springboot 3+ / Tomcat 10+ ([Java-17 and Jakarta EE 9 baseline for spring framework 6](#)) – 2023JUN+
- ACS Services Modernization
  - Continue NC implementation study
  - ZeroMQ-based BulkData transfer implementation
- CDB API alternative (REST, SOAP, G-RPC, Falcor, ICE, etc.)

## De-scoped:

- Java Modules

## Other Input

## Not Relevant

## 2022APR

\* Tentative base for 2022APR until the meeting has been held

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
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No issues found

## Priorities

1. Maintenance
2. New Makefile Support
3. C++ ACS Smart Pointers
4. BulkDataNT Improvements
5. Obsolescence Management
6. Component skeleton code-generation
7. Phase A Tests Stabilization

## 8. Official OS Support (Development + Community)