

Roadmap

On this page we will announce future releases and maintenance to the pilot environment. We aim to inform you at least a week in advance via the [mailing list](#). The announcement will include release notes on what will change, whether we expect downtime and at what time the maintenance will be executed.

In the current phase of the project, maintenance is carried out during office hours. If at any moment in the project this starts to become a problem please let us know. We welcome feedback and will see whether we can find a suitable solution.

Content on this page

- [Roadmap](#)
- [Releases](#)
- [Changes, known issues per release](#)
- [Mailing list](#)
- [Links to relevant websites](#)

Roadmap

Below we list possible changes to SCZ, in chronological order. We will start working on the list after SCZ has reached production status. This is a frequently updated list of ideas. Actual incorporation and planning depends on operational experiences and resources available to work on roadmap ideas. So if and when something will be available is to be seen. We share this info with you, so customers can provide us feedback, provide input for the roadmap etc.

- Connect services. Just like a fax, SRAM becomes more valuable with more services connected. We know many services, institutions collaborations would like to use SRAM when it reaches 'production status', and we expect in the beginning connecting services will take a little more effort than it eventually will (since connecting platform X for the first time takes more time than a second time since you can build upon the experience from the 1st time). So a lot of the effort of our team will go into connecting services
- (ongoing) Improve SCZ based on user feedback etc (stories available on [PivotalTracker](#))
- Add 2FA as an option (we're for instance looking at GÉANT Incubator project '[Second Factor Authentication - Distributed Vetting](#)')
- Add a dashboard for service providers, so service providers can configure the connection to our platform in a DIY way
- Add a service user import-tool: when a service is connected to our platform, they often already have a user database. So if you want to route all authentications via our platform, and want to prevent existing users having to go through a new sign up on our platform, you need to map the existing users to our platform. We need to investigate whether this is possible, based on actual use cases.
- Monitor need and possibility to (better) connect our platform to [EOSC-hub](#)
- Depending on requests from users, look into tokens like SciTokens and [Macaroons](#) and build upon [WLCG-actions from end 2018/begin 2019](#). If the NWO BBMRI3-call is awarded (award expected end of 2019/begin 2020), probably token based solutions will be needed, as the plans are to do Artificial Intelligence/Machine Learning kind of operations on federated data (so 'agents' will probably need to be granted access to data stored at institutions etc)
- Developments we're watching:
 - GEANT Incubator [Community Tagging](#) (a.k.a. 'Pixie Dust')
 - GEANT Incubator [ORCID as IdP of last resort](#) (possibly available through our collaboration with GÉANT eduTEAMS)
- Study Elixir AAI experience, as presented [here](#). For instance add a workflow option to request access to data using tools like "[Resource Entitlement Management System \(REMS\)](#)" ([webinar about REMS in Elixir AAI](#))
- See whether we find unresolved problems in the FIM4R-report (for instance after page 17 in <https://fim4r.org/wp-content/uploads/2018/06/FIM4R-version-2-final-draft-20180611.pdf>), like:
 - "Delegation here means providing end-entities (users) ability to give a constrained portion of their access to another entity acting on their behalf. This might be reasonably accomplished either by impersonation or by proper delegation. This is required in any use case in which a work-flow continues without the presence and direct connection of a user."
 - "AuthZ decisions at an SP must be based on identity credentials, attributes or assertions that have a short lifetime, i.e. they are valid now and not for too long into the future. Even within this short period **it should be possible for the SP to look up real time status information**, e.g. revocation lists and/or suspension lists."
 - "It must be possible for an Infrastructure or research community to block access to a service based on the presence of an identity credential in an operational suspension list or revocation list."
- Investigate closer integration with RDM, RDM metadata, RDM catalogues, RDM DRM etc
- Look into possibilities to combine SCZ with eLAN/on-the-fly-network virtualisation/light paths ... since researchers want to collaborate, it would be nice that if data has to travel over multiple locations, the network automatically resizes to the needed paths and bandwidth.

Releases

Version	Final	To test	To pilot	Remarks
v0.12	✔ 2019-07-01	✔ 2019-07-02	✔ 2019-07-25	SBS update, LDAP clients overhaul, COmanage bugfixes

v0.11	✔ 2019-05-01	✔ 2019-05-02	✔ 2019-05-03	Service provisioning, LDAP improvements, RC-support.
v0.10	✔ 2019-04-03	✔ 2019-04-03	✔ 2019-04-04	SBS integration; CO-templating improvements
v0.9	✔ 2019-03-18	✔ 2019-03-2	✔ 2019-03-22	COmanage upgrade; attribute handling improvements; CO-templating
v0.8	✔ 2018-11-28	✔ 2018-11-28	✔ 2018-12-07	Update to COmanage 3.2dev (including support for CO-templates)
v0.7	✔ 2018-11-23	✔ 2018-11-26	✔ 2018-11-28	Provisioner bugfixes, updates WAYF, ldap fixes (pilot-related)
v0.6	✔ 2018-10-01	✔ 2018-10-02	✔ 2018-10-08	COmanage bugfixes, support for MS and Orcid, LSC updates
v0.5	✔ 2018-06-11	✔ 2018-06-12	✔ 2018-06-28	Change LDAP provisioning; introduce LSC component
v0.4	✔ 2018-05-14	✔ 2018-05-14	✔ 2018-05-17	Focus on COmanage improvements.
v0.3	✔ 2018-04-12	✔ 2018-04-12	✔ 2018-04-25	Focus on connecting to eduGAIN and R&S/CoCo compliance.
v0.2	✔ 2018-03-22	✔ 2018-03-22	✔ 2018-03-26	Focus on move to COmanage 3.1 and improvements to LDAP provisioning.
v0.1	✔ 2018-02-15	✔ 2018-03-01	✔ 2018-03-06	This is the first 'complete' SCZ release.

Changes, known issues per release

Details of each SCZ release can be found on the detail page by clicking on the version number below:

- [v0.1](#)
- [v0.2](#)
- [v0.3](#)
- [v0.4](#)
- [v0.5](#)
- [v0.6](#)
- [v0.7](#)
- [v0.8](#)
- [v0.9](#)
- [v0.10](#)
- [v0.11](#)
- [v0.11.3](#)
- [v0.12](#)
- [later](#)

Mailing list

Please [subscribe](#) to our mailing list and be the first to receive information about future maintenance and releases.

Links to relevant websites

- COmanage: [roadmap](#), [GitHub](#) (incl mail list etc)
- SATOSA: [GitHub](#) (incl mail list etc)
- pyFF: [GitHub](#)
- CMservice: [GitHub](#)
- LSC: <https://lsc-project.org/doku.php>