

eduGAIN service roadmap 2023-2024

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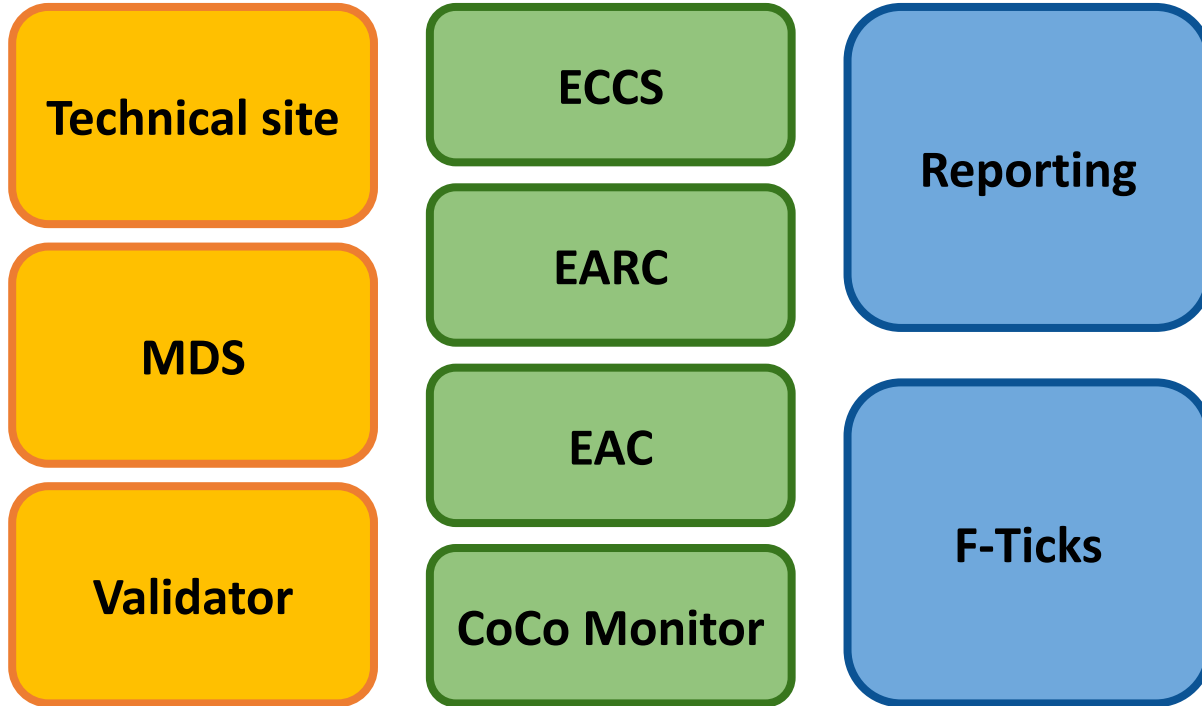
eduGAIN and REFEDS Town Hall
October 2023

www.geant.org



- eduGAIN Service organisation & status
- Roadmaps:
 - eduGAIN Operations
 - eduGAIN checking services
 - Support
 - Training
 - CSIRT
 - OI DC POC

eduGAIN Service components



eduGAIN OT

Technical site

The screenshot shows the homepage of the eduGAIN technical site. It features the GEANT and eduGAIN logos at the top. Below the navigation menu, there is a welcome message and a world map. A sidebar on the right contains a table of statistics for federations and entities.

Federations in eduGAIN	
Participants	79
Waiting only	
Members	1
Candidates	4

Entities in eduGAIN	
All entities	9064
IPs	5441
SPs	3642
Standalone AAs	2

Validator

The screenshot shows the metadata validator tool. It includes a form for entering the 'Federation's metadata URL' and a 'Validate' button. Below the form, there are instructions and a 'Select your language' dropdown menu.

MDS

The screenshot shows the MDS page, which provides information about the metadata source, aggregate generation, and signing process. It includes a 'Make sure that you update to using this key and feed ASAP as the old feed will not be available after 2022-07-01 00:00 UTC.' warning.

<https://technical.edugain.org/>

eduGAIN Checking tools

eduGAIN Connectivity Check Service

The screenshot shows the 'eduGAIN Connectivity Check Service' web page. It features a search bar for 'Display Name' and 'EntityID', and a table listing various institutions. The table has columns for 'Display Name', 'EntityID', and 'Registration Authority'. The table is currently empty, showing only headers.

Display Name	EntityID	Registration Authority
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eduGAIN Access Check

The screenshot shows the 'eduGAIN Access Check' web page. It includes an 'Objective' section explaining the service's purpose, a 'Functioning' section with a diagram showing the process from account creation to attribute release, and a 'Get started' section with a 'Get started' button. The diagram illustrates the workflow: 'Create service-specific test accounts with different profiles' leads to 'Use them for sign-on on own service only', which then leads to 'Check if access works and attributes are available'.

eduGAIN Attribute Release Check

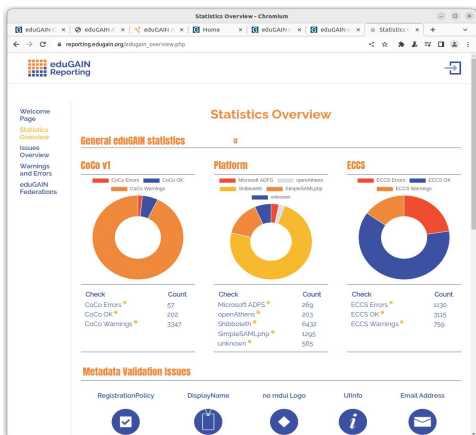
The screenshot shows the 'eduGAIN Attribute Release Check' web page. It features a 'Start the test' button and three test categories: 'EARC - REFEDS Research and Scholarship Test', 'EARC - GEANT Data Protection Code of Conduct Test', and 'EARC - No Entity Category Test'. Each category has a 'Details' button and a 'Start' button. Below the tests is a 'Historical Results' section with a search bar and a table of results.

Organization Name	Identity Provider entityID	Registration Authority	Date of Last Test	Details
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<https://technical.edugain.org/eccs> <https://access-check.edugain.org/> <https://release-check.edugain.org/>

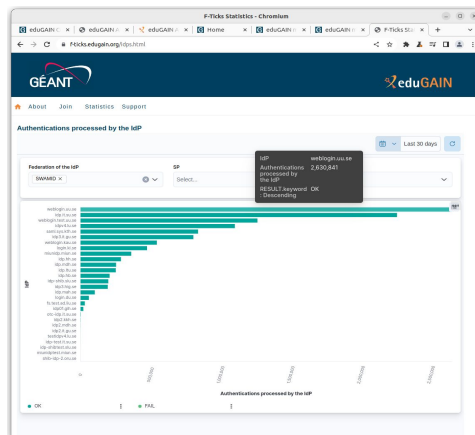
Reporting and monitoring

Reporting



<https://reporting.edugain.org/>

F-ticks



<https://f-ticks.edugain.org/>

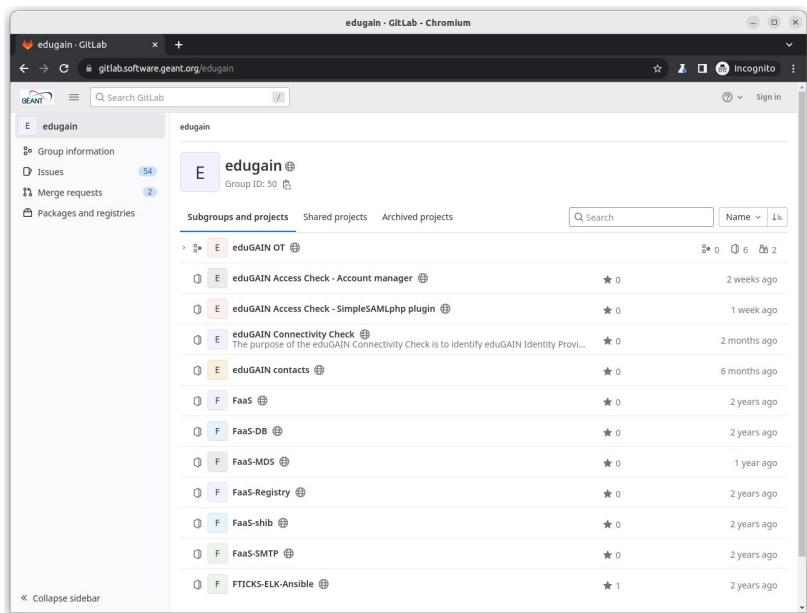
CoCo monitor

The CoCo monitor dashboard provides a detailed view of service providers. It includes a table with columns for 'SP ID', 'Registration Authority', 'Display Name', 'First Seen', 'Last Seen', 'CoCo found', and 'Status'. The table lists various providers such as 'Secure Remote Access System for Region 8', 'Dorयोग University', and 'SCALGO Ltd', along with their respective dates and status indicators.

SP ID	Registration Authority	Display Name	First seen	Last seen	CoCo found	Status
http://www.csc.shkba	http://www.csc.shkba	Secure Remote Access System for Region 8	2020-06-03 03:10:34	2022-10-20 02:15:51	Yes	All attributes present, privacy statement has a...
http://www.seamless.net	http://www.seamless.net	Dorयोग University	2022-03-01 03:12:12	2023-10-12 03:38:07	Yes	All attributes present, privacy statement has a...
http://www.edugain.org	http://www.edugain.org	Edugain University	2018-01-08 03:12:18	2023-10-20 02:15:49	Yes	All attributes present, privacy statement has a...
http://www.csc.shkba	http://www.csc.shkba	Shkba	2015-04-22 03:13:20	2023-10-10 03:17:07	Yes	All attributes present, privacy statement has a...
https://www.scalgo.com	https://www.scalgo.com	SCALGO Ltd	2019-08-13 03:08:04	2023-10-10 03:36:37	Yes	All attributes present, privacy statement has a...
https://www.uni-due.de	https://www.uni-due.de	University of Duisburg-Essen	2015-05-18 03:18:13	2023-10-10 03:20:08	Yes	All attributes present, privacy statement has a...
https://www.uni-due.de	https://www.uni-due.de	CLARIN PL Repository	2015-06-10 03:18:26	2023-10-10 03:20:26	Yes	All attributes present, privacy statement has a...
https://www.demo.ege.edu.tr	https://www.demo.ege.edu.tr	EGE Check In Service (Demo environment)	2019-03-04 04:11:39	2023-10-10 03:20:43	Yes	All attributes present, privacy statement has a...
https://www.edugain.org	https://www.edugain.org	EduGain	2016-09-27 03:10:18	2023-10-10 03:17:48	Yes	All attributes present, privacy statement has a...
https://www.edugain.org	https://www.edugain.org	EDUGAIN Europe Login Service	2020-02-18 03:11:56	2023-10-10 03:20:53	Yes	All attributes present, privacy statement has a...
https://www.uni-due.de	https://www.uni-due.de	UZZ AM Login Portal	2020-11-23 03:10:30	2023-10-10 03:20:39	Yes	All attributes present, privacy statement has a...
https://www.edugain.org	https://www.edugain.org	OpenID Connect	2018-03-10 03:12:28	2023-10-10 03:20:58	Yes	All attributes present, privacy statement has a...
https://www.edugain.org	https://www.edugain.org	SoftwareONE AcademicCloud	2022-12-14 03:14:18	2023-10-10 03:20:37	Yes	All attributes present, privacy statement has a...
https://www.edugain.org	https://www.edugain.org	ECU University	2022-11-03 03:18:13	2023-10-10 03:20:29	Yes	All attributes present, privacy statement has a...
https://www.edugain.org	https://www.edugain.org	Times LibUJ	2020-02-22 03:09:33	2023-10-10 03:20:56	Yes	All attributes present, privacy statement has a...
https://www.edugain.org	https://www.edugain.org	ACON CHW Services for Digital Humanities	2019-02-14 03:09:03	2023-10-10 03:19:39	Yes	All attributes present, privacy statement has a...
https://www.edugain.org	https://www.edugain.org	Target and Finance widgets	2011-02-08 03:10:27	2023-10-10 03:15:17	Yes	All attributes present, privacy statement has a...
https://www.edugain.org	https://www.edugain.org	Woolfeath	2021-04-01 03:10:56	2023-10-10 03:15:40	Yes	All attributes present, privacy statement has a...
https://www.edugain.org	https://www.edugain.org	Amberstone	2021-11-27 03:12:36	2023-10-10 03:16:40	Yes	All attributes present, privacy statement has a...
https://www.edugain.org	https://www.edugain.org	Woolfeath	2020-03-27 03:10:22	2023-10-10 03:15:43	Yes	All attributes present, privacy statement has a...

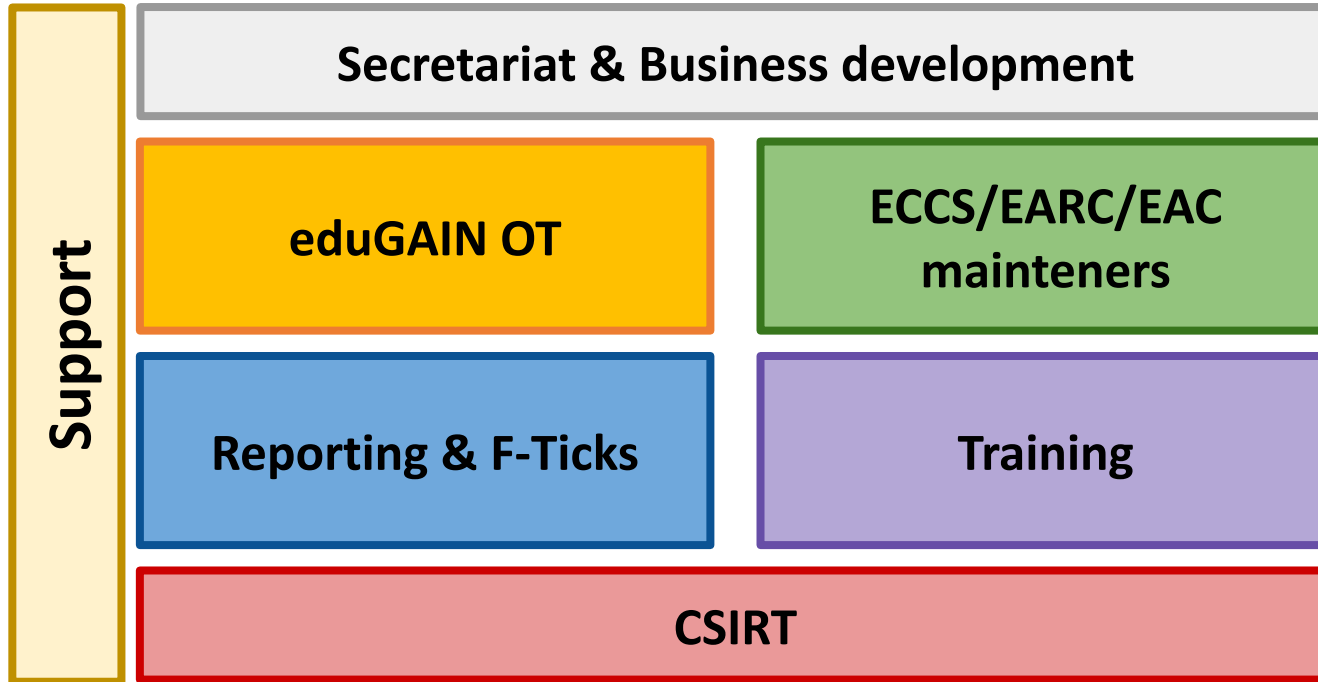
<https://monitor.edugain.org/coco/>

Software repositories

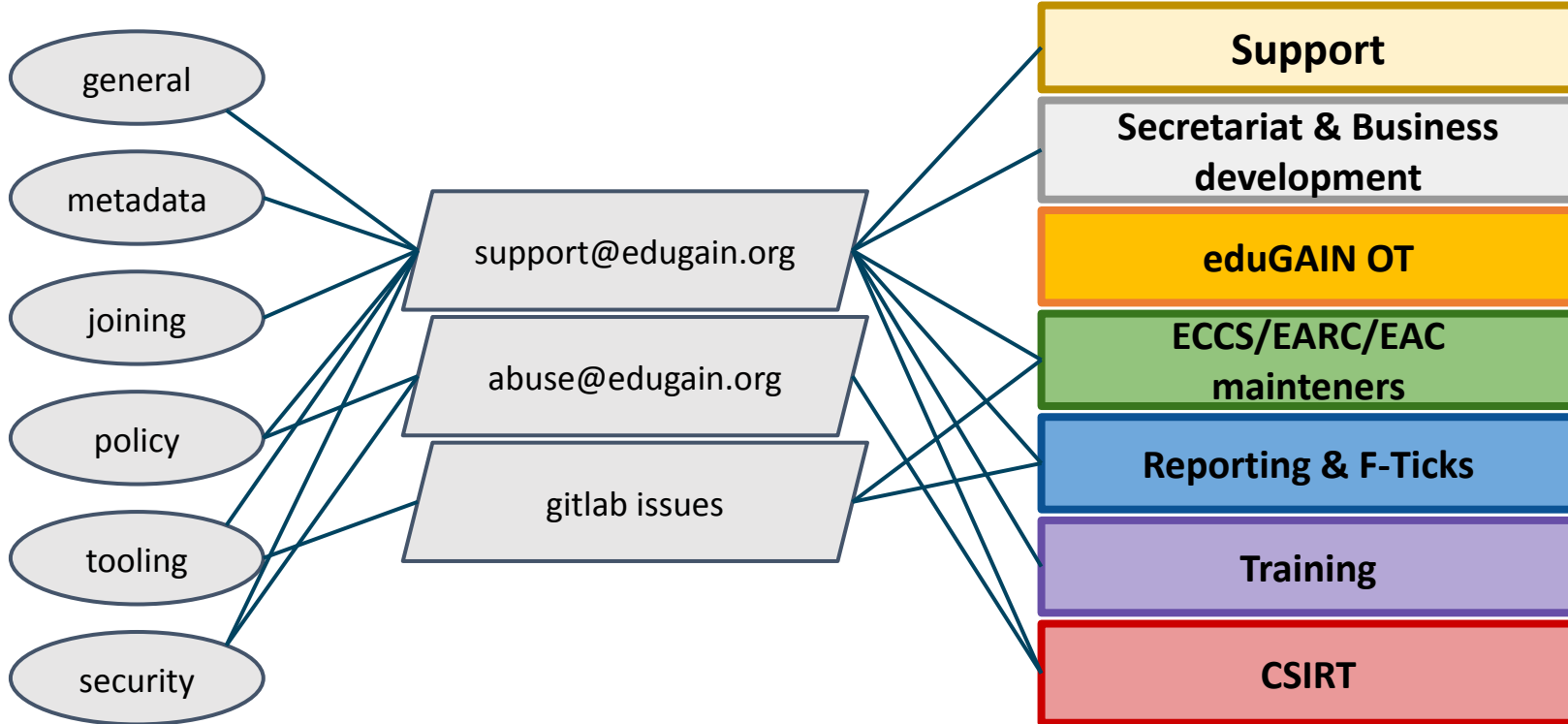


<https://gitlab.software.geant.org/edugain>

eduGAIN Service teams



Issue handling



eduGAIN Operations Development roadmap

2023			2024			
Q2	Q3	Q4	Q1	Q2	Q3	Q4
	New architecture and OLA development		Preparation work for the new architecture		New architecture deployment	

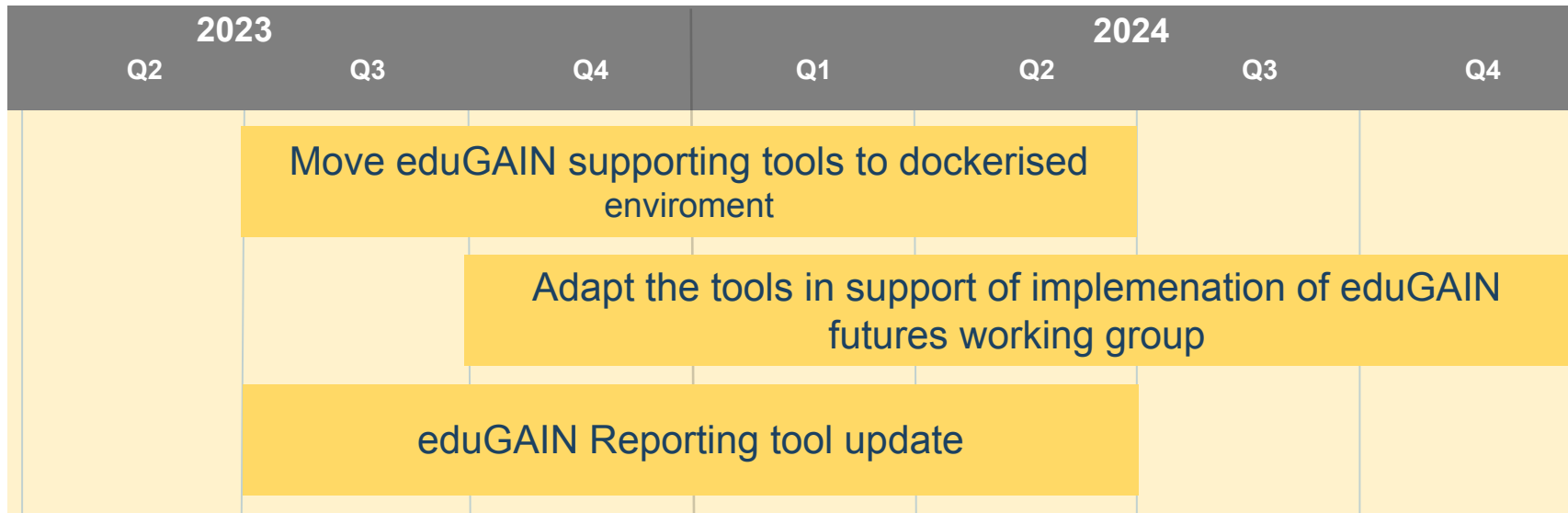
eduGAIN Operations Deployment roadmap

2023			2024			
Q2	Q3	Q4	Q1	Q2	Q3	Q4
	Duplication of the Core Services Infrastructure					
Ongoing improvements & eduGAIN Futures WG recommendations implementation						

A new eduGAIN core services model

- Fully automated deployment
- Replicable architecture
- Built in high availability
- Geographically distributed
- Release based development

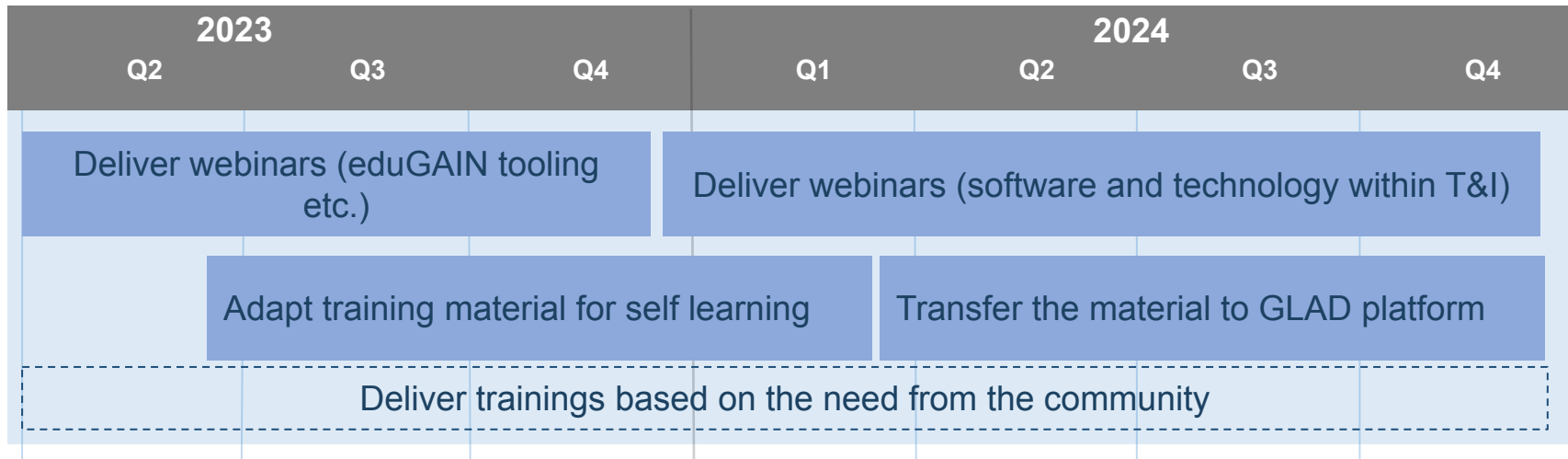
eduGAIN Checking tools



eduGAIN Support

2023			2024			
Q2	Q3	Q4	Q1	Q2	Q3	Q4
Onboard new team members and update onboarding documentation	Exploratory activities: support for WP5 T&I services		Based on the results of the exploratory activities, update the roadmap			
Continuous improvement of support documentation						

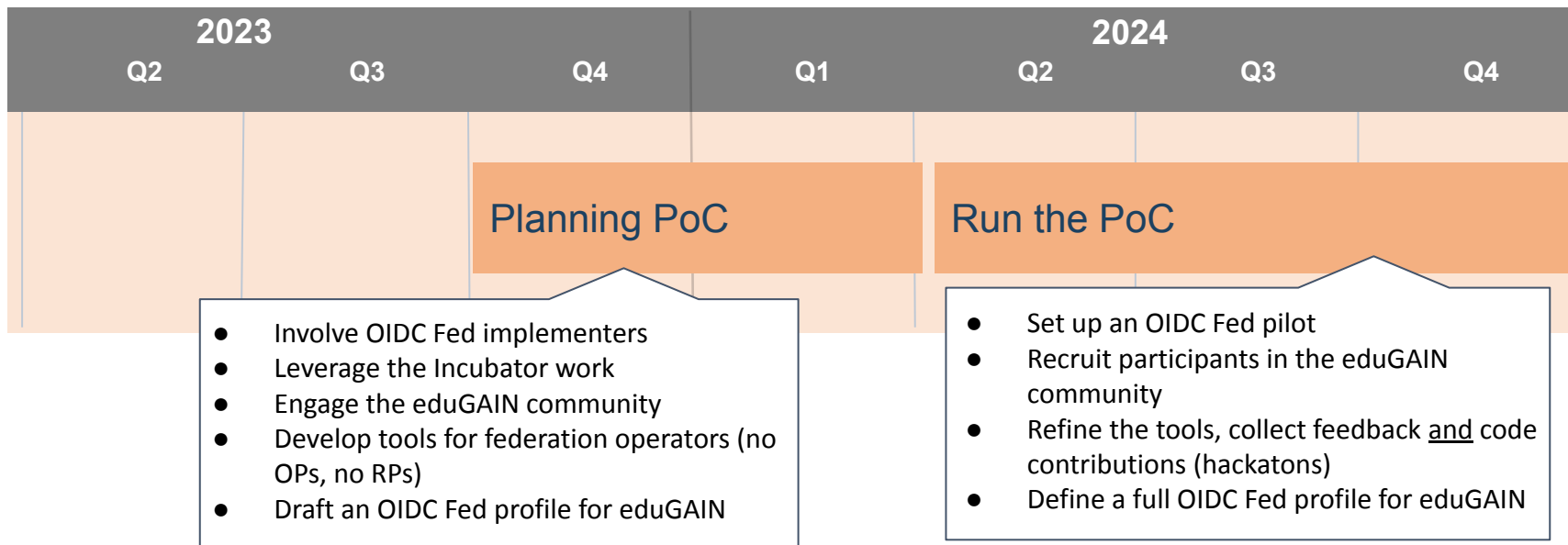
eduGAIN Training



eduGAIN CSIRT

2023			2024			
Q2	Q3	Q4	Q1	Q2	Q3	Q4
Set up rota and response process	Trusted Introducer admission		Plan and run an inter-federated security incident simulation			
Outreach, networking and communication challenges						

eduGAIN OIDC Federation PoC

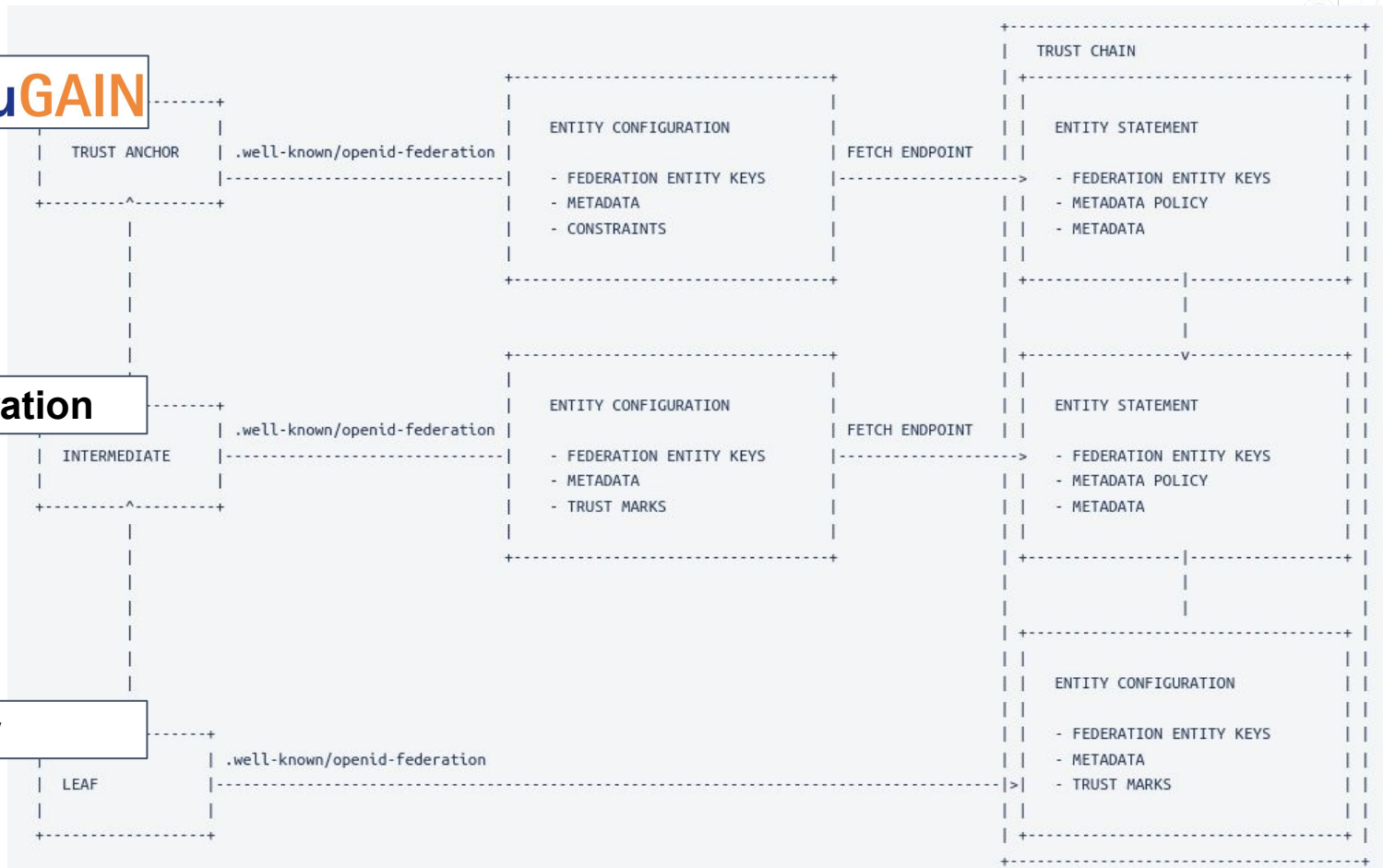


An eduGAIN OIDC Federation Trust Flow



Federation

Entity



Thank you

Any questions?

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