



WEBINAR: OOTS | Testing & deployment | M17

Online, 06 June, 10:00-12:00

European Commission

DG GROW

Directorate-General
for Internal Market, Industry,
Entrepreneurship and SMEs

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Agenda for today

10:00 – 12:00

Testing status and plans in the Member States

Testing service releases

Projectathon: June Projectathon

Discussion topics and action log walkthrough

AOB

Approval of this agenda and previous meeting minutes

- Any feedback or comments to the agenda of this meeting?
- Any feedback or comments to the minutes of the previous meeting?
 - <https://ec.europa.eu/digital-building-blocks/wikis/display/SDGOO/M16%3A+2023-05-23+SUMMARY+REPORT%3A+Testing+and+deployment+sub-group+meeting>

Testing status and plans in the Member States

Speakers:

Maarten Daniels (EC-DIGIT-EXT)



(Repeated) invitation to create and share your testing plans

- By sharing your national or sub-national testing plans, we can help each other by: Sharing experiences; Aligning on the dates of major milestones; Learning from each other by detection gaps and overlaps
- If detailed plans are sensitive, a high-level plan with major milestones can already be useful
- PoCs are additional sources of information
- **Any relevant news from MSs?**
 - **That can be shared now?**
 - **That can be planned in a future sub-group meeting?**
- All relevant information can be shared by presenting it in the [SG meetings](#) or by [uploading it on the wiki](#) or by [mailing the editor](#)

Testing service releases

Speakers:

Maarten Daniels (EC-DIGIT-EXT)



Q1 2023 testing services

- The Q1 2023 testing service release is available since 22/05 via <https://ec.europa.eu/digital-building-blocks/wikis/display/SDGOO/Q1+2023+updated+testing+service>
- The main changes are:
 - Integration of updates and corrections based on the April Projectathon
 - Alignment with Q1 23 TDDs, including the Errata list with an (expected) cut-off date of 17/05
- This release is the basis for the June Projectathon
 - To facilitate this, some blocking TDD/Schematron corrections after 17/05 needed to be taken into account into the [validator](#)
 - This is transparent for most users. Only if you integrated the Schematron validations directly in your components, you should synch these with the relevant corrections that are available in a [Projectathon branch](#)
 - If more blocking issues will be detected in preparation or during the Projectathon, they will be made available there as well
 - To facilitate the ExceptionResponse AS4 action, the sample PMode file for the EC sample software was updated as well as indicated in the comment of the [relevant testing component](#)
 - More information about these items will follow in the coming slides about the Projectathon
- Please let us know any corrections, improvements or feature requests for this or upcoming releases [via the discussion forum](#)

Projectathon: June Projectathon

Speakers:

Marie-Laure Watrinet (EC-DIGIT-EXT)

Maarten Daniels (EC-DIGIT-EXT)



June Projectathon preparation: high level overview

- We are preparing the June Projectathon as it will take place soon from 14 to 16 June
- The dates in the next slide are final
- The stages are a bit more condensed than the April Projectathon
 - **Pre-tests (preparatory testing and connectivity testing are until the end of this week and will help you get prepared to next week's Projectathon)**
 - As we have seen in April, these pre-projectathon tests are crucial to get you and others up to speed before the actual event
 - Please check the [Playbook](#) and the [pre-tests annex](#) to have additional information about the Projectathon
- About Gazelle input (registration of organisation, users and SUT)
 - For the participants that were registered in Gazelle for the April Projectathon, it will be possible to reuse your data for the June Projectathon: organization and users; SUTs; SUTs' Network interfaces (webservices)
 - Check the Playbook [appendix](#) for more information about how to select your SUT's capabilities

Projectathon Overview (participant) – June Projectathon

MAY

JUNE

1 Information

05 May 2023

Attend the **Projectathon Deep-Dive session** during the **OOTS Implementers Café** on 05 May 2023.

Signal your intention to participate to the June 2023 Projectathon as Members States (can be with multiple teams)

Implementers Café #5

"Common Services Admin App & Projectathon Debrief (April event) and Preparation (June event)"
05/05/2023

2 Registration

8 – 23 May 2023

1. Register for the event via the **EU survey** and provide your consent to the Projectathon personal data privacy statement.

2. Register your organization, system under test (SUT), SUT operator(s) and features to be tested in **Gazelle**.

3 Pre-projectathon test

Projectathon Kick-off session with all participants
Remote event on 24 May

25 May – 9 June 2023

Perform **Preparatory Test** to get your system, test data and yourself ready before Projectathon.

29 May - 9 June 2023

Perform **Connectivity Test** to ensure network connection of SUTs are well configured before Projectathon.

4 Projectathon

14-16 June 2023

Game on!

Connect and perform Peer-to-Peer marathon test!

5 Post Projectathon

29 June 2023

Publication of **Test Reports**, lessons learned and best practices

Implementers Café #6

"Common Services Admin App & Projectathon Debrief (June event) and Preparation (October event)"
29/06/2023



Pre-test step 1a: share your network in Gazelle

- Deadline: 29 May 2023
- Pre-requisite: having your SUT created and accepted in Gazelle
- Objective: share the **connectivity details of the webservices your system exposes** so that other MS (SUTs) will know the endpoints where to send data
- **Actions for you**: update those default entries to reflect the actual configuration of your SUT:
 1. Declare your SUT hostname and IP address (*Preparation / SUTs Network interfaces*)
 2. Validate and approve SUT Network Interface list generated by Gazelle (*Preparation / SUTs Network interfaces*)
- Network sharing status:
 - Network shared for (14/18): AT, BE, CZ, DE, EL (GSIS and BDG), FI, HU, IT, MT, NL, PL, PT, SI, SE,
 - Network sharing in progress for (2/18): HR and SK
 - Miss network sharing from (2/18): FR, RO

Pre-test step 1b: Share your AS4 public certificate and C3, C4 identifiers

- Deadline: 29 May 2023
- Pre-requisite: having your SUT created and accepted in Gazelle
- Objective: before exchanging AS4 messages with your test partners, **you need to exchange** with them:
 - The AS4 public certificates
 - **And** the following identifiers:
 - C3 (Access Point identifier - AP_XX_01 where XX is the country code)
 - C4 (Business Register/end-user behind AP – BR_XX_01 where XX is the country code)
- **Actions for you:**
 1. Upload/share your SUTs AS4 public certificates and identifiers in Gazelle
 2. **To be performed during connectivity tests:** download the AS4 public certificates and identifiers of your test partners from Gazelle and configure them accordingly before exchanging AS4 messages during the event.
- Certificates and C3/C4 sharing status:
 - Certificates shared for (13/18): AT, BE, CZ, DE, EL, FI, HU, IT, MT, NL, PT, SI, SE
 - Certificates in progress for (2/18): HR (was not approved + missing C3&C4 certificates) and PL (certificates and C3/C4 missing)
 - Certificates missing from (3/18): FR, RO, SK

Pre-test step 2: Execute preparatory tests in Gazelle

- Dates: 25 May – 9 June 2023
- Pre-requisite: having your SUT created and accepted in Gazelle
- Objective: Preparatory tests are **no-peer tests** to help you validate and prepare your SUTs before the event.
- Gazelle has generated a list of test cases that need to be executed based on the registered profile/actor/option combinations.
- **Actions for you:**
 1. Access test cases
 2. Execute the test
- Preparatory tests status
 - All required tests have been executed by: IT, MT, PT
 - Tests in progress for: BE, CZ, DE, EL, FI, HU, HR,
 - Tests not started for: AT, FR, NL, PL, RO, SK, SI, SE

21 Preparatory Tests – Summary (1)

ID	Actor	Test	Test Data	Mandatory/Optional
PTC01	Evidence Requester AP	Validate Evidence Request in Validator	Evidence Request	Mandatory
PTC02	Evidence Provider AP	Validate Evidence Response in Validator	Evidence Response	Mandatory
PTC03	Evidence Requester AP	Send Evidence Request as Evidence Requester	Evidence Request	Mandatory
PTC04	Evidence Requester AP	Receive Evidence Response as Evidence Requester	Evidence Response	Mandatory
PTC05	Evidence Provider AP	Receive Evidence Request as Evidence Responder	Evidence Request	Mandatory
PTC06	Evidence Provider AP	Send Evidence Response as Evidence Responder	Evidence Response	Mandatory
PTC07	Evidence Provider AP	Cut connection to Base Registry or generate Base Registry error	none	Optional
PTC08	Evidence Provider AP	Bring Access Point up and down	none	Optional
PTC09	Procedure Portal	EB lookup - Requirement	Requirement	Optional
PTC10	Procedure Portal	EB lookup - Evidence Type	Evidence Type	Optional
PTC11	Procedure Portal	DSD lookup - Evidence Provider	Evidence Provider	Optional
PTC12	Procedure Portal	DSD lookup - Conversation	Evidence Provider through Conversation	Optional

21 Preparatory Tests – Summary (2)

ID	Actor	Test	Test Data	Mandatory/Optional
PTC13	Procedure Portal	Use and update identity data	Identity data	Mandatory
PTC14	Procedure Portal	Redirect to Preview Space	Preview Space link	Optional
PTC15	Preview Space	Reauthenticate and match identity data	Identity data	Optional
PTC16	Preview Space	Preview Space timeout	Preview space timeout	Optional
PTC17	Preview Space	Display PDF evidence and check if user can accept or reject it	PDF evidence	Optional
PTC18	Preview Space	Display XML evidence (after applying human readable transformation) and check if user can accept or reject it	XML evidence	Optional
PTC19	Person / CS admin	Connect to Common Service management GUI	Update EB data or DSD data	Optional
PTC20	All actors	Check if logs of all relevant components can be consulted by the Projectathon participants	Application logs	Mandatory
PTC21	All actors	Verify all relevant components have the correct system time, sync with a time server if needed	System time	Mandatory

Pre-test step 3: Connectivity tests

- Dates: 29 May – 9 June 2023
- Pre-requisite:
 - Having your SUT created and accepted in Gazelle
 - Having shared your network and certificates in Gazelle
 - If you do not input and approve your network in Gazelle before the due date (29 May), your network will not appear in the csv or excel file to be downloaded by other participants for connectivity test execution
- Objective: execute connectivity test script to **verify if you can connect to Gazelle and your test partners**
- **Actions for you:**
 1. Configure your firewall
 2. Export the System Interfaces Network list
 3. Execute the Connectivity Test script

Recap of Projectathon tests - overview

- The June 2023 Projectathon will be based on the [Q1 2023 release](#) of the Once-Only Technical Design Documents as amended with any corrections from the [errata list](#), including ongoing blocking corrections as needed
- For this event, the test cases prepared for the April 2023 Projectathon are largely taken over (see changes in next slide) as it still reflects the main plans of the Member States. It consists of the following elements:
 - 5 Evidence Exchange scenarios without preview
 - 5 Evidence Exchange scenarios with preview
 - 2 Maintenance flow scenarios (Common Service updates)
- These test scenarios are further detailed [in Gazelle](#) and are the ones that will be executed in peer-to-peer testing mode during the actual Projectathon event

Recap of Projectathon tests – changes since April

- The overview of changes/improvements for the June Projectathon test cases is as following:
 - If the pre-agreed and pre-configured identity attributes are used, procedure portal logs about identifying the correct person can be omitted.
 - For all CS lookups, the validator logs can be omitted as the messages are anyway produced by the EC CS instance
 - For all CS lookups, screen capture, message exchanged, logs, can be omitted if similar to TC01. Note that this e.g. does not apply to TC05 for the DSD conversation test case.
 - Making to clear which side is primarily expected to provide logs when 2 parties are involved: For each AS4 message, if the receiver can provide logs, the sender does not need to duplicate this.
 - Detailing the AS4 Action that is expected for each request/response/error message (for practical impact see following slide)
 - ExecuteQueryRequest
 - ExecuteQueryResponse
 - ExceptionResponse
- In case of any other suggestion for change, please [let us know](#)

Recap of Projectathon tests – AS4 Action

- The overview of changes/improvements for the June Projectathon test cases is as following:
- Please note that chapter 5 from [4.7 - eDelivery Configuration - Q1 2023](#) details 3 different AS4 actions to be used depending on the type of evidence exchange message
 - ExecuteQueryRequest: To be used for normal evidence requests
 - ExecuteQueryResponse: To be used for normal evidence responses
 - ExceptionResponse: To be used for error responses INCLUDING error responses requesting an Evidence Provider side Preview
- During the June Projectathon we will be flexible about this action value, but we want to highlight that implementations should soon start using the correct values, definitely before the October Projectathon
- Please already update your AS4 instances PMode file to support these actions
 - If possible be strict in what you send and flexible in what you receive to facilitate other test partners
- Please indicate now or [later](#) if you need any assistance to do so or if you think this is causing you problems for the June Projectathon

Recap of Projectathon tests – summary

Parameter	Values									
Test ID	TC01	TC02	TC03	TC04	TC05	TC06	TC07	TC08	TC09	TC10
Data subject	Natural person	Natural person	Natural person	Natural person	Natural person	Natural person	Natural person	Natural person	Natural person	Natural person
Nr of evidences returned	1	0	0	0	1	1	2	0	0	1
Type of evidences returned	PDF	N/A	N/A	N/A	PDF	PDF	PDF	N/A	N/A	XML
Common Service lookups	EB DSD	EB DSD	EB DSD	EB DSD	EB DSD, including a DSD conversation	EB DSD	EB DSD	EB DSD	EB DSD	EB DSD
Preview included	NO	NO	NO	NO	NO	YES	YES – at 2 diff. EPs	YES – rejection by user	YES - timeout	YES - transformation
Reauthentication at EP side	NO	NO	NO	NO	NO	YES	YES – at 2 diff. EPs	YES	YES	YES
Dynamic test data	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Kind of response	Successful	Failure - Error	Failure - Error	Failure - Error	Successful	Successful	Successful	Failure - Error	Failure - Error	Successful
Complexity	Basic	Basic	Basic	Basic	Moderate	Moderate	<u>Advanced</u>	Moderate	Moderate	<u>Advanced</u>

June Projectathon preparation: collecting your suggestions

- Looking back at the April event and forward to the future events, we suggest to currently group the Projectathon test cases into 4 levels
 - Level 1:
 - TC01 to TC05: the No-Preview test cases
 - Level 2:
 - TC06 to TC10: the Preview test cases
 - TC11 to TC12: the CS update test cases (via LCM updates or GUI updates)
 - Level 3
 - Adding more dynamic eID test cases by integrating eID nodes into the transactions
 - Adding test cases covering related systems (e.g. EUCARIS)
 - Level 4
 - Adding actual Base Registries to the test cases (e.g. population registry, tax authorities, etc.)
 - Running full end-to-end test cases in dynamic mode with dynamic data, from user at Procedure Portal to Base Registry at Competent Authority

June Projectathon – Test levels and capabilities

- What level do you expect to achieve during the June Projectathon
- If possible, how much time do you think you (with your Projectathon team) will spend on each level during the June Projectathon, calculated in percentage of time
- Will you come with a Preview Space
 - Does it support PDF files
 - Does it support conversion of XML to human readable transformation format
- Will your SUT have an eID node integration
 - At ER side
 - At EP side
- Will you test the Common Service data updates
 - Via the Common Service GUI
 - Via the LCM machine to machine interface
- Will you test with a real (acceptance) base register integration at EP side
 - Which data impacts does this have for you or for other test partners?
- Any other remarks or suggestions

Projectathon preparation: Access to Common Services management GUI

- Preparatory Test Case PTC19 and Projectathon Test Case TC11 is about getting access to the Common Services management GUI
- The Common Service team has made available these connections in preparation of and during the Projectathon to many users already
 - These users are invited to explore the Common Service GUI and provide any relevant feedback to our [Support team](#)
 - All other users are invited to request access by sending your EULogin username and the country you are representing to our [Support team](#)
- Please note that authentication is based on the ACCEPTANCE instance of EULogin
 - You must log in with your ACCEPTANCE EULogin username
 - If you already had one, but this one was inactive, you will get a request to perform 'ACCEPTANCE EU Login Password Initialisation'
 - If you did not yet have one, you can register via <https://ecas.acceptance.ec.europa.eu/cas/login>
 - After you select a new password you will get access to the CS GUI
 - In case of any issue, [contact us](#)

Test data sets

- The test data sets from the April Projectathon will be largely reused, with some minor corrections/changes
 - The details and changes are shared with the participating Projectathon teams via the [MS Teams channel](#) and are available in this [Teams folder](#)
 - The PPT presentation explains some background about the data per test case and includes a changelog compared to the April data
 - The Evidence_Requests_Responses folder contains Evidence Requests and Evidence Responses that can be sent via your eDelivery Access Points as Evidence Requester or Evidence Provide
 - A Postman project with all relevant Common Service (EB and DSD) requests, relevant for the June Projectathon test cases is available as well via the MS Teams channel
 - As nobody indicated they have a preview space that can handle the transformation of an XML to human readable format, the data for TC10 was not published. If this is needed, please [let us know](#)
- The Common Service instance is adapted to cover data for the new participants and can/will be reset to the baseline data set if/when needed in preparation or execution of the Projectathon test cases

Upcoming Projectathons – pending questions/comments?

- Is there anything unclear from your side about:
 - Your participation to the June Projectathon
 - Access to and navigating through Gazelle
 - Any configurations/ data sets to use

Upcoming Projectathons – general remarks

- The first Projectathon in April has been an opportunity for all parties to make mistakes, to **learn**, to **help each other** and to assess their current state of play regarding their OOTS developments.
- The second Projectathon in June **has similar objectives** and is still a **safe place** to make mistakes and to **boost your development progress**.
- Please [send us](#) your feedback about any issues or suggestions for improvements, both during the actual event and during the preparatory stages
- By sharing these items, we can all together make corrections and improvements before the upcoming Projectathon in October (which most likely will be focusing more on assessing production readiness)
- Discussions can be facilitated at any point in time between now and the June or October Projectathon

Discussion topics and action log walkthrough

Speakers: Maarten Daniels (EC-DIGIT-EXT)



Discussion topics

- 9 discussion topics are [available](#) in the Testing & Deployment discussion forum
- Please review the existing discussion forum topics and add any feedback you might have or add any new discussion forum topic relevant to this sub-group

Action log walkthrough

- The action log for the testing and deployment sub-group is available on the [wiki](#) and contains several actions which are requiring your input.
- We suggest extending the due date for action item 13 "Provide feedback to the Projectathon (preparatory and actual event testing) of April, as input to the events for June or October" from 05/05/2023 until 30/06/2023.
- Please take *action*:
 - Review the action log
 - Perform the actions by the due date or as soon as possible (for the ongoing actions)
 - Provide any input or comments to the list

AOB

Speakers: Maarten Daniels (EC-DIGIT-EXT)



Any other discussion topics for now or later?

- Feedback on existing testing services: Is it working well for your teams? Are the guidelines useful?
- Is there anything that currently prevents you or your colleagues from advancing on the testing track?
 - Is the issue technical, organizational or something else?
 - Is there anything we can assist with?
- ... Anything else...?

→ Please share your thoughts or suggested agenda items for upcoming sessions

→ Our next planned session M18 is foreseen on Tuesday 27/06.

→ In case any additional meetings are needed, contact us.

Thank you very much for joining us today!