



EUROPEAN CENTRAL BANK

EUROSYSTEM

Connecting to the Eurosystem Single Market Infrastructure Gateway

19/01/2022

Cosimo Narciso
Coordinator ESMIG Onboarding, Banca d'Italia



Overview

- 1 Connectivity tests – next milestones
- 2 Preliminary operations with NSP
- 3 Lesson Learnt
- 4 Validation of U2A and A2A connectivity test
- 5 T2 Service Desk support



1.

Connectivity tests

Next milestones

Connectivity test – next milestones

- **CSLD.NCOP1** - Network connectivity tests on production will start on **1st May 2022** - These are mandatory tests participants have to perform on the production environment before the start of their pre-migration activities.
- **CSLD.NCOP2** - Network connectivity tests on production have to be completed within **31st July 2022** - Participants have completed the connectivity testing on the production environment and are ready to start the pre-migration activities.



2.

Preliminary operations with the NSPs

Preliminary operations with the NSPs

- **Network Service Provider Selection** (allegedly, already done)

TARGET Services Actors registration is mainly supported by the establishment of a contractual relationship between them and the selected NSP. Once done, they are registered in the NSP Website and their representatives (admin) nominated.

- Two different **Closed Group of Users (CGU) subscriptions**
 - CBs
 - Target Service Actors (excluding CBs)

The NSP shall create and manage CGUs containing the relevant TARGET Services Actors for both the Production environment (PROD) and the Test environment (UTEST and EAC), one CGU for each environment and for each Eurosystem Market Infrastructure (T2, T2S, TIPS, ECMS). The subscription to a CGU, and any subsequent modification to such subscription, are arranged through an electronic workflow on the Internet

- **Designation of the Authorized approvers**

A limited number of people is entitled per institution to submit the NSP tickets for CGU subscription. Each CB needs to approve or reject these tickets.



3.

Lesson learnt

Lessons learnt



- The previous connectivity testing phase for User Testing has highlighted **possible different testing results**, yet all valid to determine if the connectivity is successfully in place
- These results depend on the presence of already existing CRDM configurations as well as the status of the backend applications that change over the testing period
- Benefitting from this previous experience, the **deployment of the backend modules will be organized** to take such needs of clarity into due account.
- As soon as the detailed calendar for the deployment in production will be available, the exact results to consider a test successful will be shared with the community



4.

Validation of U2A and A2A connectivity test

Validation of U2A connectivity test

Users that were never configured in PROD will get the error: *“You are not authorized to access this application”*

For users that were already configured, it is correct that TIPS service (or T2S) is already visible in PROD environment; depending on privileges already assigned to the user they will be able see the page where there is an option to select the applications. below

The screenshot shows a web browser window with the URL `https://esmig-cert-tam.esmig-e-mip.eu/oa/errol/errol.jsp?ip_error_code=DAM-5002_error_codes_id=DAM-2%2C%2DAM-3`. The page displays an error message: "Authentication checks failed". Below the error message, there is a box containing the following text: "You are not authorized to access this application. Error: User certificate not found in repository. Subject DN: C=IT, O=Banca d'Italia/00950501007, SERIALNUMBER=TINIT-TRGPTR69L21H591D, CN=TARQUINIO PIETRO, GIVENNAME=PIETRO, SURNAME=TARQUINIO, DNQ=873". Below the error message, there is a section titled "Choose a Service" with two options: "T2" and "TIPS", each with a checkbox and a gear icon. A "Submit" button is located at the bottom of the page.

Validation of A2A connectivity test

Before deployment of the backed modules (check also “Lessons Learnt” slide) the following subset of messages can be received:

Admi.007 are supposed to be sent out in two cases:

- **For Store and Forward traffic**, upon subscription for the Delivery Notification to get the confirmation from the NSP that the message was delivered to T2.
- **For Real Time traffic**, the admi.007 is sent after 40 seconds to inform about the triggering of the timeout management process. This the expected behavior if no backend module is present

In any case the T2 Service Desk can be contacted to get the evidences of messages/files received by the platform.

Any of above outcome can be considered as the A2A connectivity is successful.

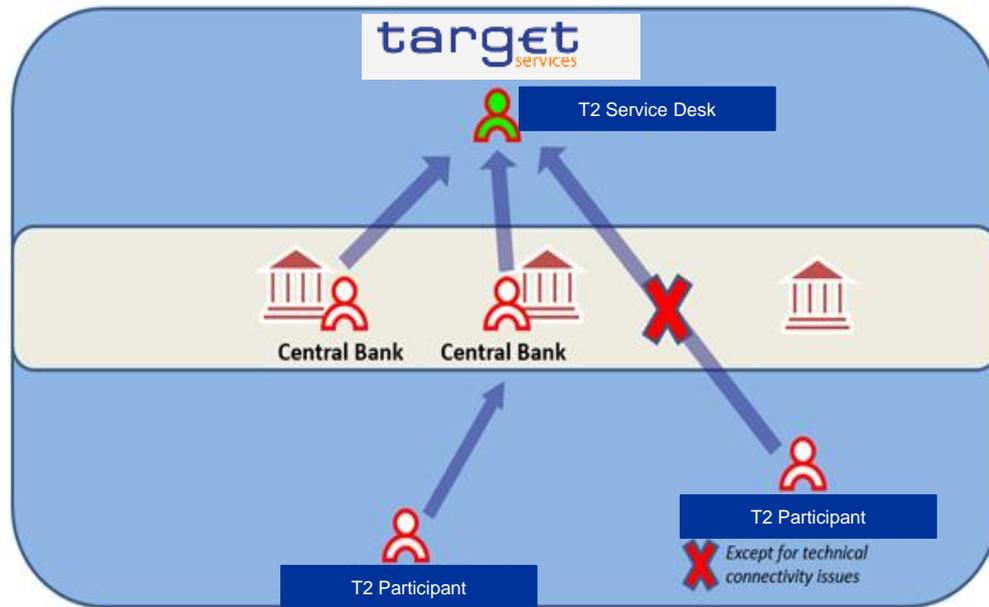


5.

Service Desk support

Service Desk support

The operations management of T2 is shared among all the T2 Actors and is structured in **three levels of responsibility**:



- On the topmost level is the **T2 Service Desk**. The T2 Operator has visibility over the whole platform
- **NCBs** are the entry point for all support requests coming from the participants
- The **T2 Participants** can interact directly with the T2 Service Desk only for requests related to pure connectivity matters
- Email addresses:
 - Production t2@target-ssp.eu
 - Test t2-test@target-ssp.eu