ECB
DG-MIP/MIS
EAT Team

Overview of the Eurosystem Acceptance Test (EAT) – Function & Team

TIPS Contact Group

5th Meeting on 2 March 2018

Overview

target services | instant TIPS
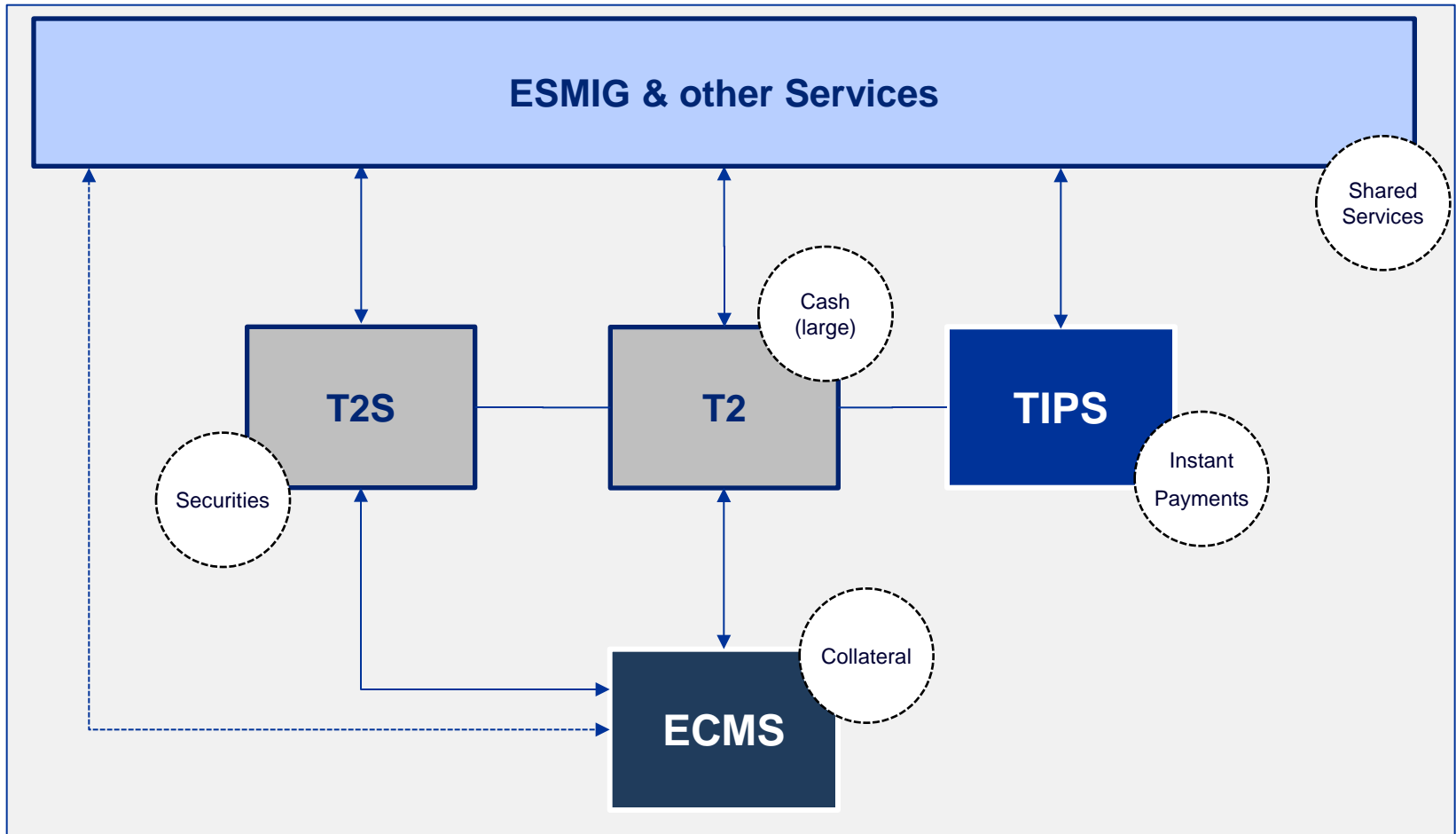
The EAT mandate

- The EAT consists in the acceptance of Market Infrastructure systems by Eurosystem (in case of TIPS, by the ECB)

- The EAT provides with an assessment on the Quality Assurance of the software/service delivered by the Service Provider

- The EAT team will act as the first user that will connect to the TIPS service
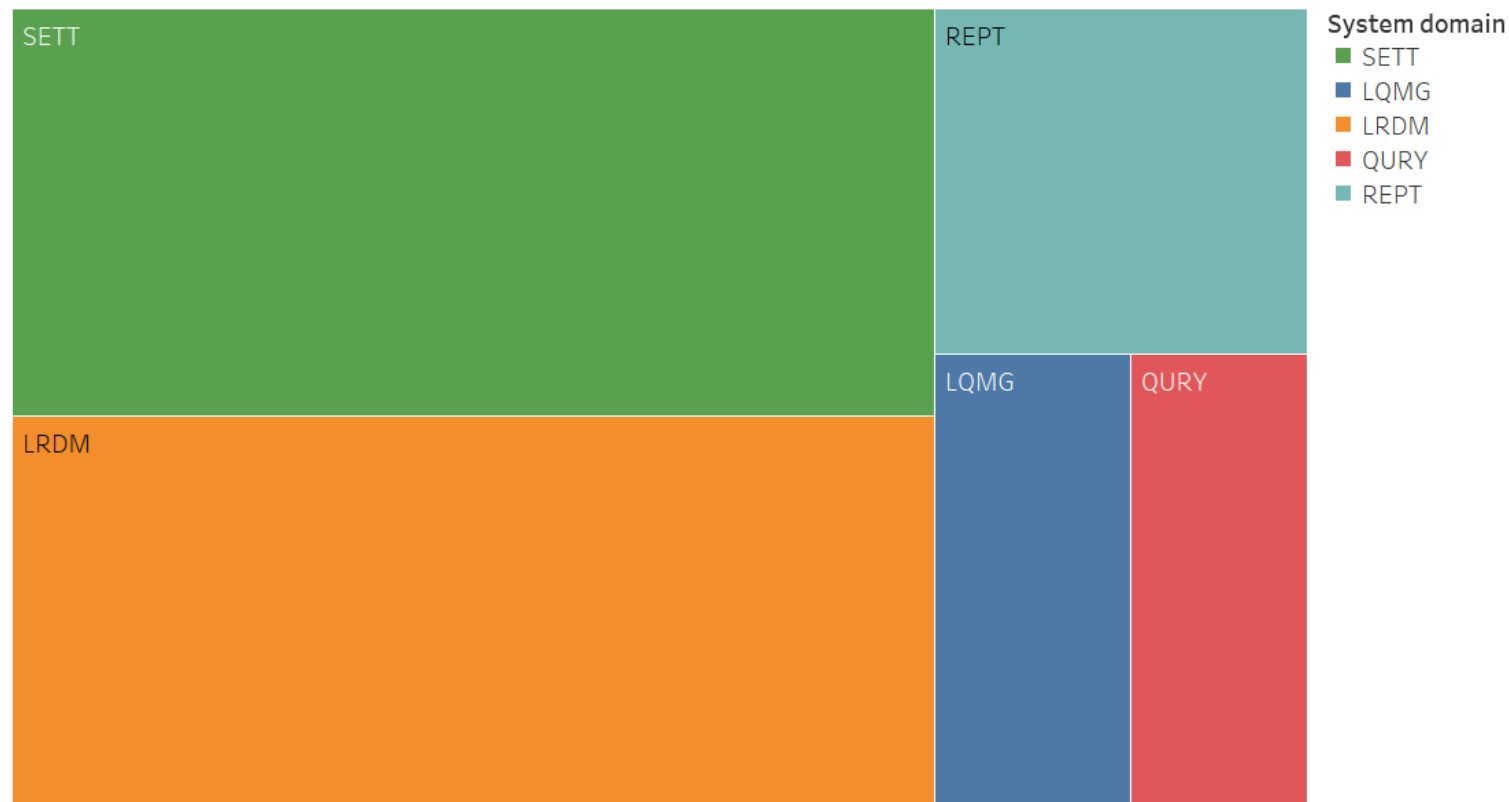
The EAT scope (1/3)

- The EAT main focus is on functional testing only, against the URD/UDFS
  - "Blackbox testing" i.e. end-to-end (input against system output)

- The EAT can signal areas of potential concern and assessment of tests performed by other stakeholders

- The EAT covers new systems such as TIPS, ECMS, T2/T2S Consolidation and also new system releases such as T2S 2.0 (on-going)

The EAT scope (2/3): the holistic view

The EAT scope (3/3): Testing Domains

Coverage of the system domains

SETT stands for Settlement domain. LQMG stands for Liquidity Management. LRDM stands for Local Reference Data Management. QURY stands for Queries. REPT stands for Reports.

The EAT team

- The core team at ECB is composed of testers with various profiles and experiences

- Additional support via various sourcing strategies whenever relevant

- All current EAT members are ISTQB*) certified

*) The **International Software Testing Qualifications Board** (ISTQB) is a software testing qualification certification organisation that operates internationally. ISTQB Certified Tester is a standardized qualification for software testers and the certification is offered by the ISTQB. See also https://en.wikipedia.org/wiki/International_Software_Testing_Qualifications_Board.

The EAT testing capability

- Testing Strategy agreed with Provider, and Terms of Reference being finalised

- Tests Cases developed based on a Top-down vs. Bottom-up approach
  - First, bottom-up with test cases against the URD
  - Second, top-down with business scenarios based on the UDFS

- Testing Infrastructure
  - Dedicated testing environment provided by the Service Provider
  - Manual and automated testing via in-house developed tools
  - Selection of Network Service Provider for testing connectivity on-going

The TIPS EAT planning

Three main testing phases:

- ## EAT 1: 17/04/18 to 14/05/18
  - EAT end-to-end connectivity testing
  - Execution of a first set of test cases, related to the first software batch released (i.e. Settlement of Instant Payments and Queries)

- ## EAT 2: 18/06/18 to 27/07/18
  - Execution of test cases for the second software batch (i.e. Liquidity Transfers and Local Reference Data Management)
  - Re-execution of EAT1 test cases

- ## EAT 3: 30/07/18 to 17/08/18
  - Execution of test cases for third software batch (Recall and Investigation, Reports, other functions)
  - Full-regression testing

Thank you for the attention!
The EAT team can be contacted
via the TIPS Project team

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in **ECB: market infrastructure and payments**