Change Request form
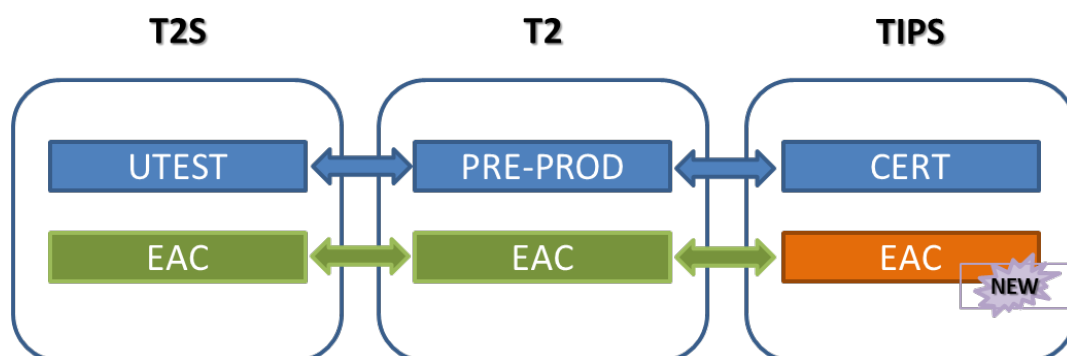
<table>
<tr><td colspan="3" align="center">General Information (Origin of Request)</td></tr>
<tr><td colspan="3">☐ User Requirements Document (URD)</td></tr>
<tr><td colspan="3">☒ Other User Functional or Technical Documentation (SYS)</td></tr>
<tr><td colspan="3">☐ Other TIPS Documentation (OTD)</td></tr>
<tr><td colspan="3">(to be filled in by CoG)</td></tr>
<tr><td colspan="2">Request raised by:
Eurosystem</td><td>Date raised: 30/09/2019</td></tr>
<tr><td>Request title:
Additional testing environment for TIPS</td><td>Name of Central Bank:
ECB</td><td>Request ref. no:
TIPS 0020 SYS</td></tr>
<tr><td colspan="3" align="center">Categorisation of changes</td></tr>
<tr><td colspan="2">1. Functional/technical importance parameter: Low</td><td>4. Legal importance parameter: Low</td></tr>
<tr><td colspan="2">2. Operational importance parameter: Medium</td><td>5. Financial importance parameter: Medium</td></tr>
<tr><td colspan="2">3. Stakeholder importance parameter: Medium</td><td></td></tr>
<tr><td colspan="3"></td></tr>
<tr><td colspan="3">Status: Allocated to a Release</td></tr>
</table>

Description of requested change:

The purpose of this change request aims at introducing an additional external testing environment for TIPS. This approach follows the principle of having a one-to-one mapping between the external environments of the various TARGET services to ease the segregation of the testing campaigns and provide for each testing stage a smooth propagation of reference data from the single environment hosting CRDM.

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Reason for change and expected benefits/business motivation:

The provision of one additional external test environment for TIPS aims at facilitating the segregation of testing activities across the various actors (e.g., the TIPS Provider, the ECB EAT team, the Certification Testing users, etc.) and the maintenance of consistent sets of testing data. In view of the T2-T2S Consolidation project testing phases, the additional TIPS test environment will be required to test the end-to-end scenarios involving multiple services (e.g. CRDM data propagation, liquidity injection/repatriation, interaction between TIPS and T2-CLM).
Moreover, it will be used for acceptance testing of new TIPS releases, bug fixing and periodical non-regression testing, thereby reducing testing conflicts and constraints on configuration data.

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Submitted annexes / related documents:

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Proposed wording update to the documentation to address the requested change:

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High level description of Impact:

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Outcome/Decisions:

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L3 analysis - General Information
Impact on TIPS
Business Interface
A2A Interface
U2A Interface
Settlement Engine
Payment Transaction
Liquidity Transfer
Recall
Queries and Reports
Queries
Reports
Other functions
Local Reference Data Management
Statistics
Complex Queries and Reports
Mobile Proxy Look-up
Common Components
ESMIG
CRDM
Archiving
Billing
DMT
Operational Tools
SLA Reporting
TMS

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	Technical Monitoring		
	Change Management		
	Capacity Management		
Infrastructure request			
	Application components impacted		
	Application components not impacted		
Operational activities			
	Business activities impacted		
	Technical activities impacted		
New functionalities			

Impact on documentation		
Document	**Chapter**	**Change**
Training documentation		
Other documents		

Overview of the impact of the request on TIPS (L2 view)
Summary of functional, development, infrastructure, operational and security impacts

Summary of functional impact:

No functional impact is envisaged, from both Scope Defining Documents and testing viewpoint, stemming from this Change Request.
Additionally, regarding the aspects related to the configuration data, the assumption is that this activity is not in the scope for the functional team, due to the external relevance of the TIPS environment.

Summary of application development impact:

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Cooperation and assistance for setting-up the application in the new environment.

Summary of infrastructure impact:

Procurement and deployment of new hypervisors in both data centres, network configuration, activation of new VMs and inclusion of the new environments in the overall ITIL processes.

Summary of operational impact:

The activity would entail an impact especially on the configuration data of the customers, daily monitoring of the system, and setting-up the necessary linkages with T2 EAC.

Summary of security impact:

See Change Request analysis.