

EU-SEC The European Security Certification Framework

MULTIPARTY RECOGNITION FRAMEWORK



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Problem Statement

- Several challenges due to the proliferation of compliance/certification schemes
 - Increase of CSPs' assessment and re-assessment costs for compliance (especially for SMEs)
 - Limited transparency on the differences of the various compliance/certification schemes
 - Increased confusion and limited trust among cloud users due to the plethora of CSPs security and privacy certifications
 - Potentially increased security vulnerabilities of cloud services due to the increasingly repeated compliance assessments

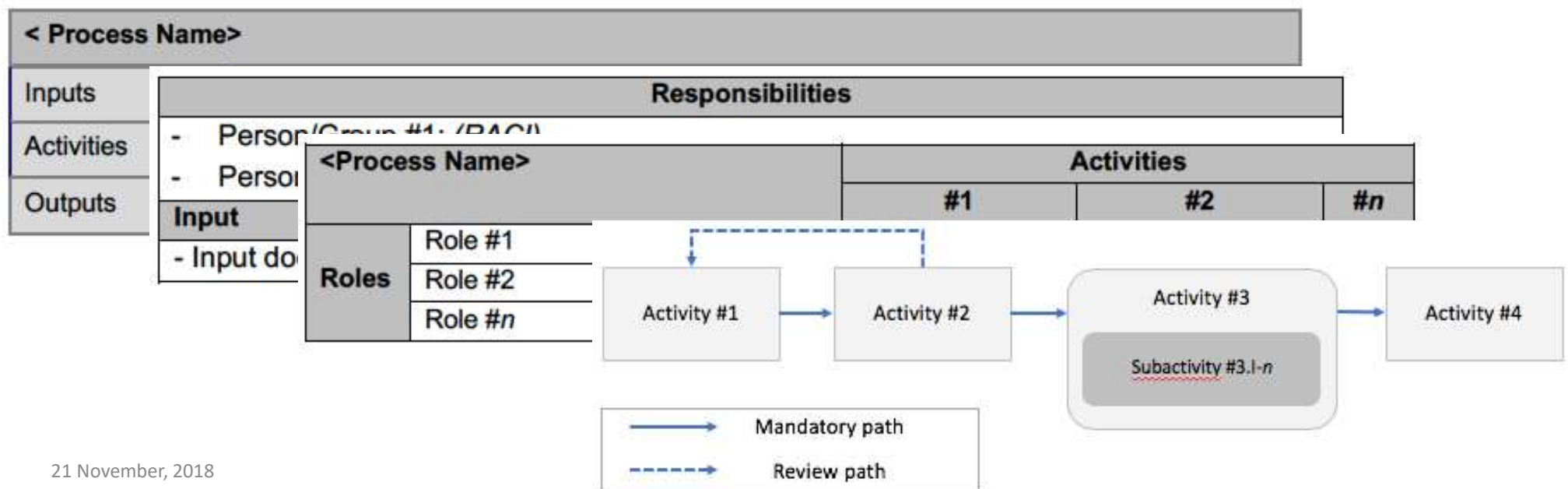
Objectives

The definition of the multiparty recognition framework that will include:

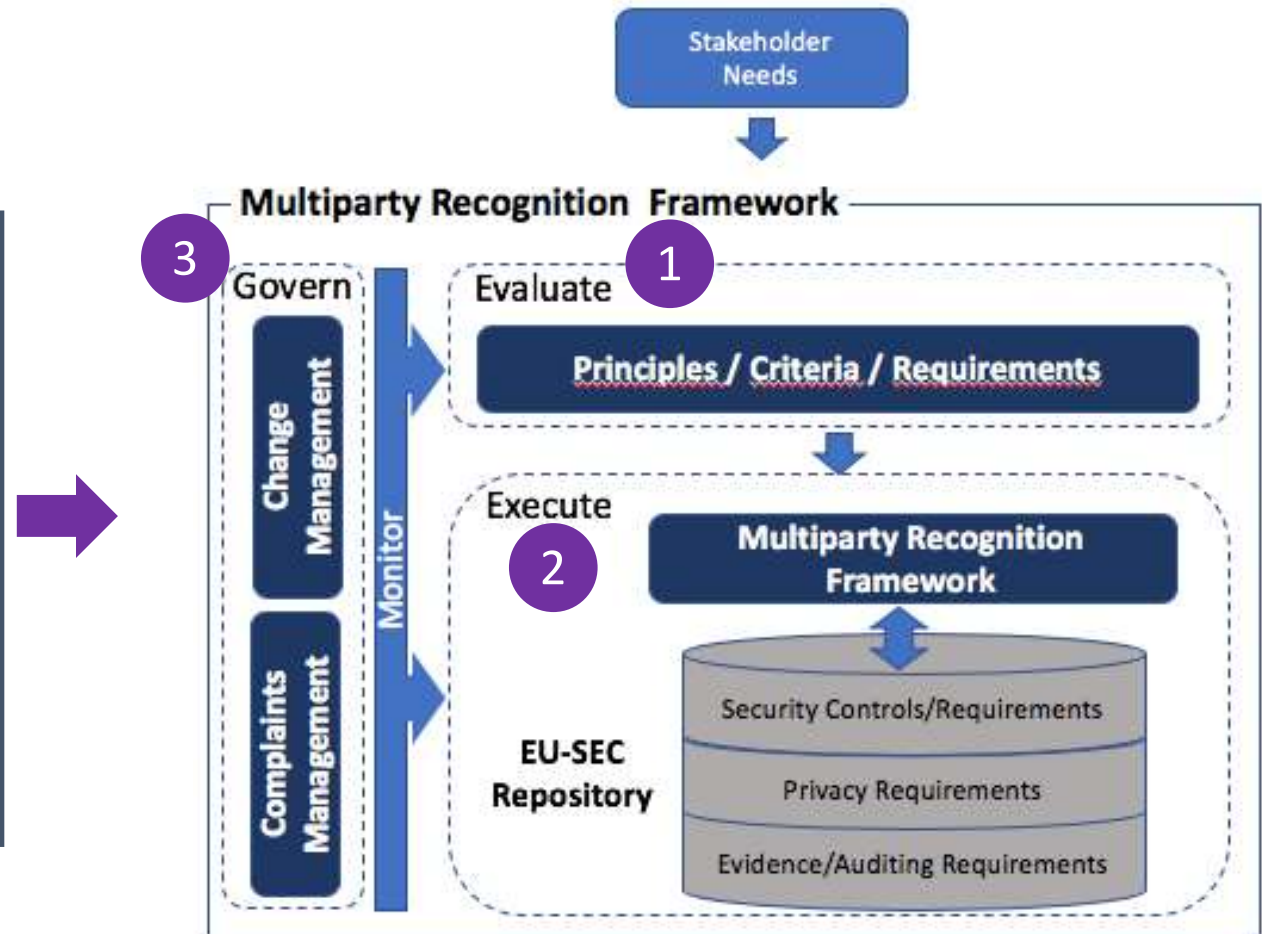
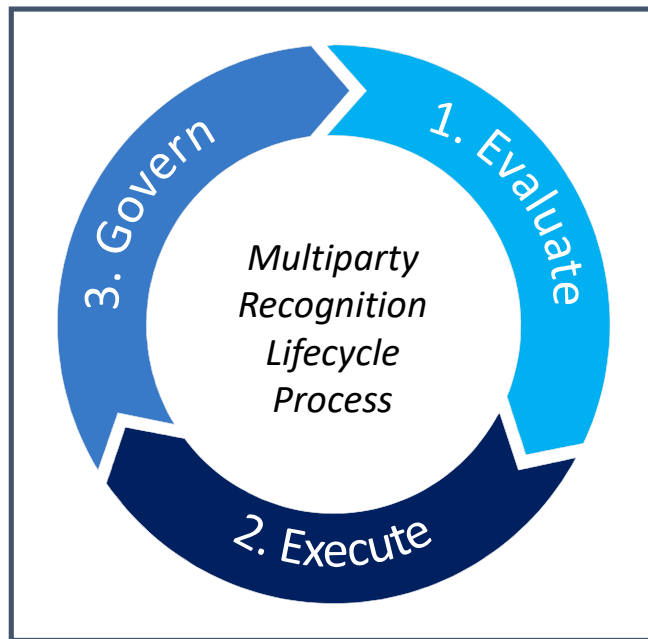
- Components, processes and procedures for implementing, operating and managing the framework over time
- Governance structure with involved parties, assigned roles and responsibilities, and related processes for future management and extension of the established framework

Approach

- Systematic organization and integration of activities and processes for multiparty recognition into a layered architecture
- Layered architecture is based on a comprehensive model of matrices and information flow diagrams

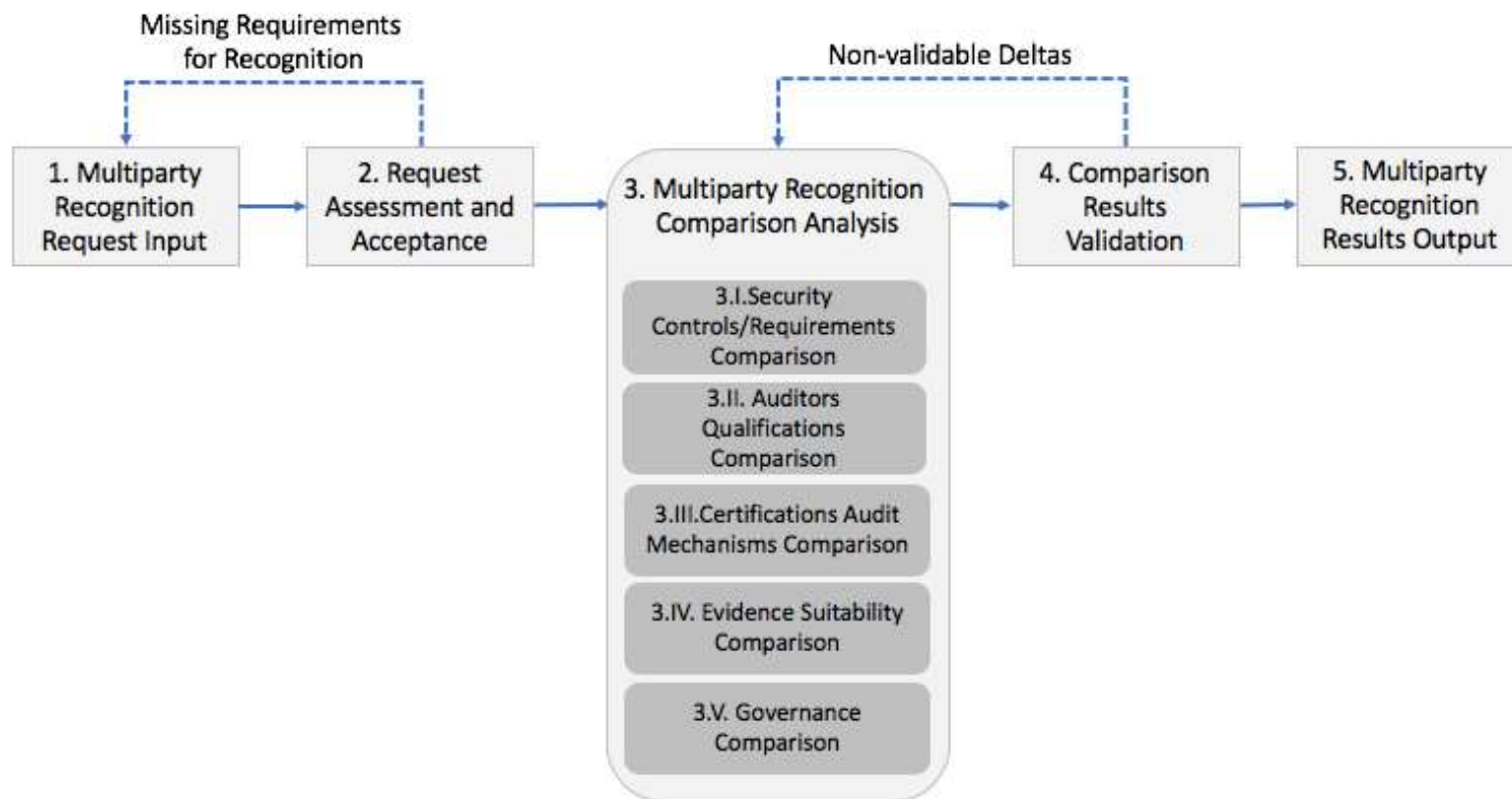


Framework Lifecycle Overview

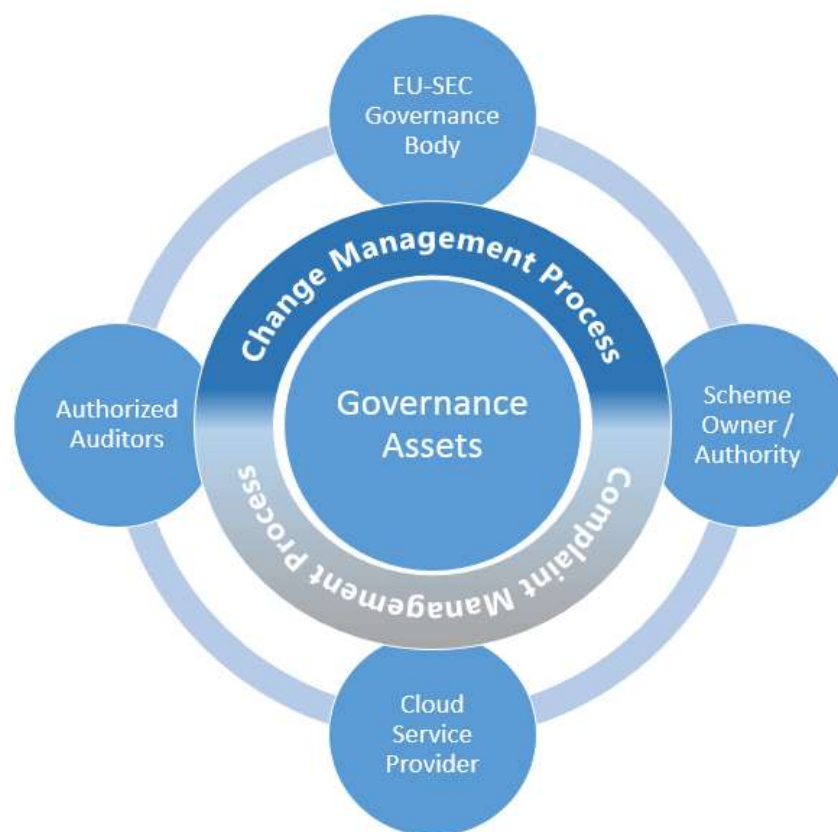


Multiparty Recognition Framework

- Operational Process Diagram (Execute & Evaluation Phases)

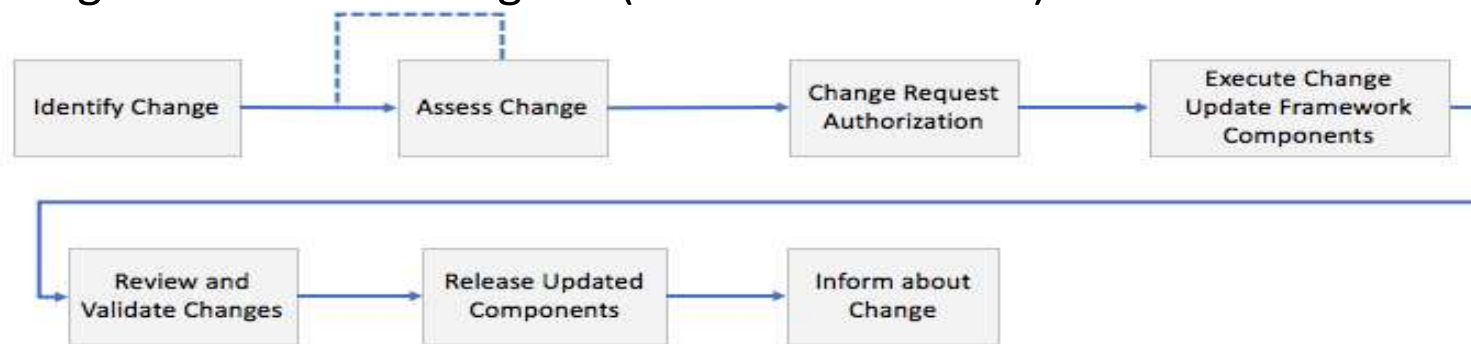


Governance

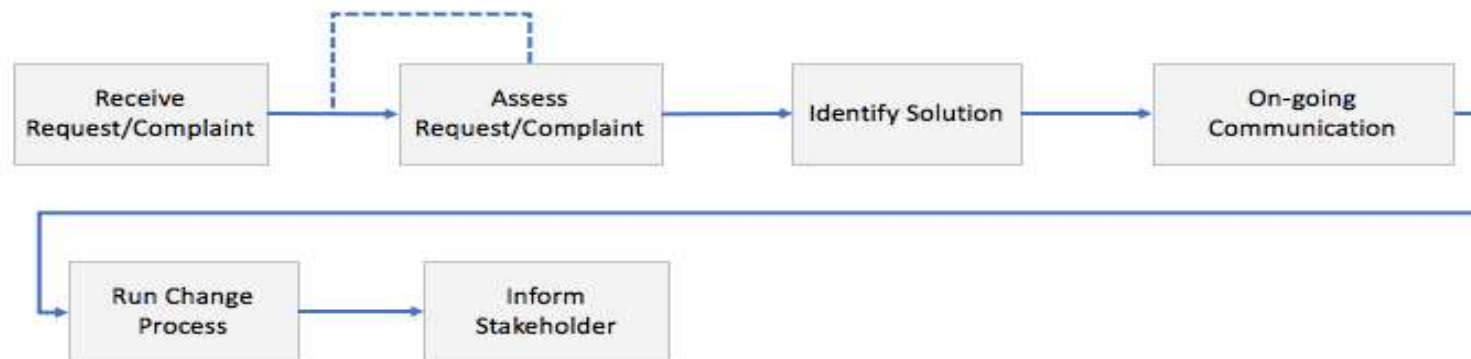


Governance

- Change Management Process Diagram (Governance Phase)



- Complaint Management Process Diagram (Governance Phase)



Conclusions

- Multiparty recognition activities shall be performed at an unambiguous, organized and systematic manner by using the multiparty recognition framework
- The manageability and scalability of the proposed framework architecture rapidly adapts to the evolving cloud security certification landscape
- Multiparty recognition results are expected to be repeatable and consistent
- Awareness and trust towards the multiparty recognition work is promoted among the involved stakeholders