SAP Governance, Risk & Compliance

Access Control 5.3

Post-Installation

→ Enterprise Role Management

→ Part II: Testing SAP GRC Default Process

THE BEST-RUN BUSINESSES RUN SAP™

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- We belong to the GRC Regional Implementation Group (RIG) located in USA, Germany and India
- As recognized experts, our mission is to enable others to successfully implement SAP GRC solutions.
- We ensure:
  - high-adoption rates,
  - 100% customer satisfaction, and customer references.
- We are committed to continuous improvement of GRC products and services

RIG Installation Methodology

- We recommend the following installation methodology
  1. Install SAP Netweaver AS JAVA 7.0 SP12+
  2. Run Pre-Installation Flash Movie
  3. Deploy Access Control Software (including latest Support Packages)
  4. Run Post-Installation Flash Movie
     a. Post-Installation Risk Analysis and Remediation
     b. Post-Installation Superuser Privilege Management
     c. Post-Installation Compliant User Provisioning
     d. Post-Installation Enterprise Role Management
        - Part I: Configuration
        - **Part II: Testing SAP GRC Default Process**
  5. Start Customizing Access Control 5.3 according to customer requirements

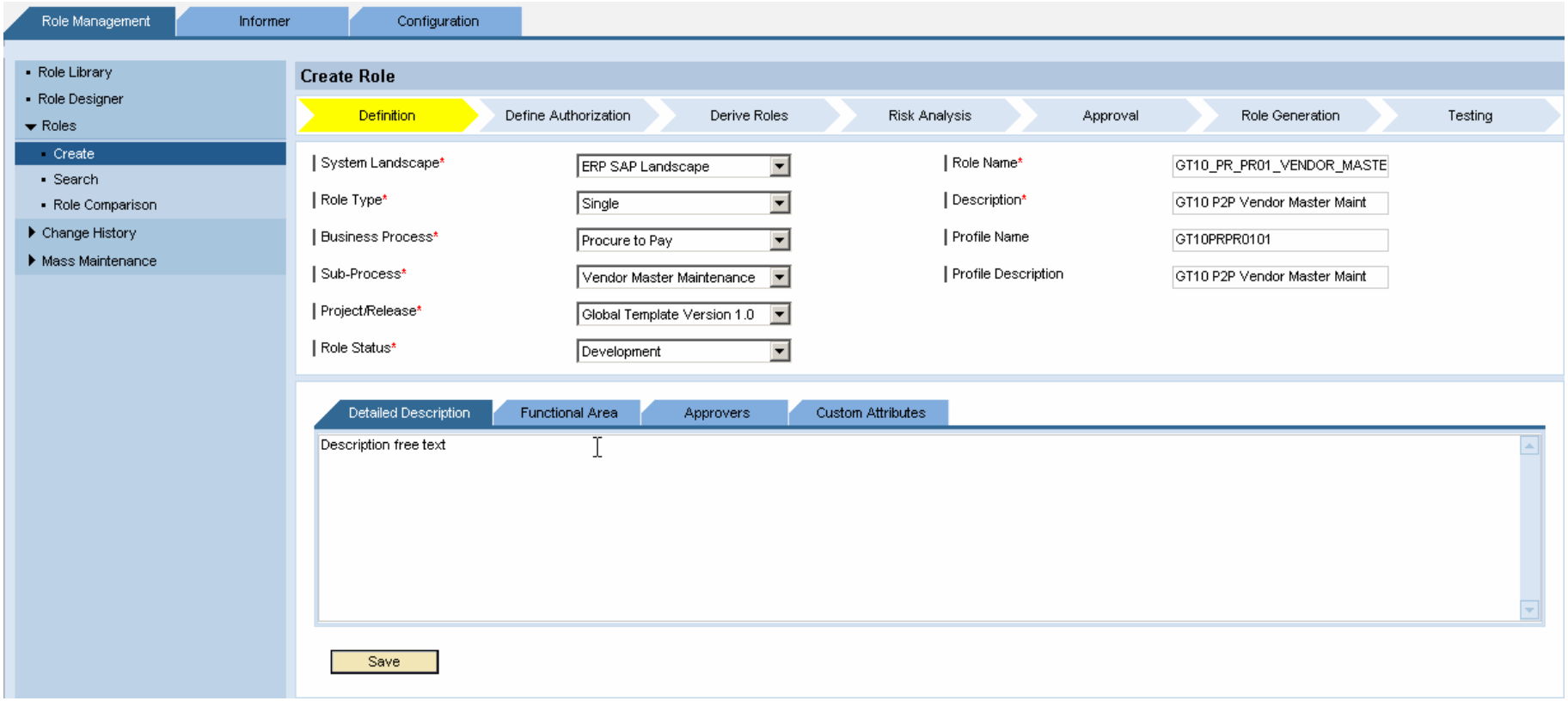
Testing SAP GRC Default Process

1. Role Definition
2. Authorization Data
3. Derive Roles
4. Risk Analysis
5. Approval
6. Role Generation
7. Testing

1 – Role Definition

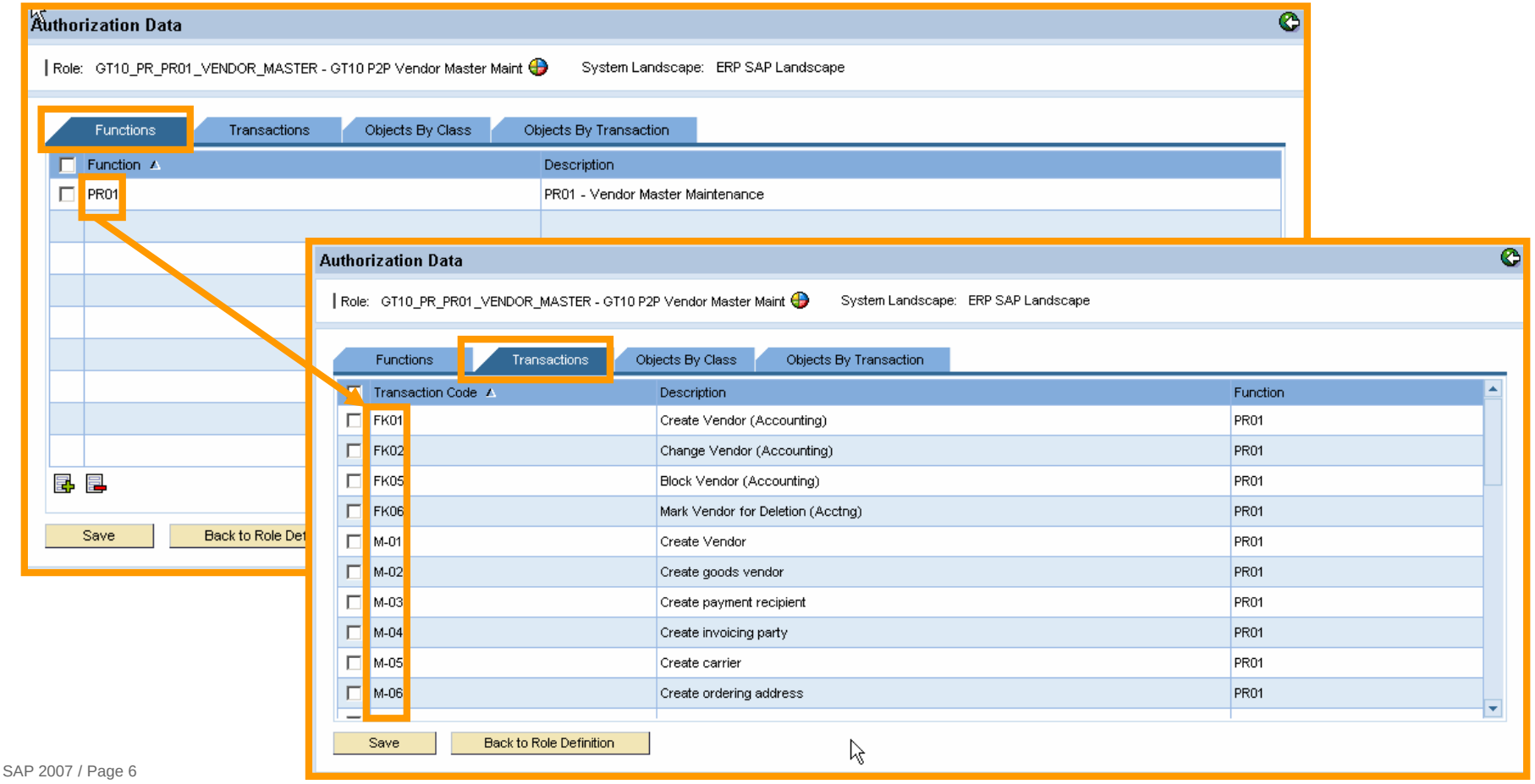
- Create a Role. Select role attribute first and observe automatic generation of role name. (except free text sections). Naming convention is enforced upon save.

- Select *Functional Area* and check that *Approvers* have been added based on the *Approver Criteria* that you created previously.



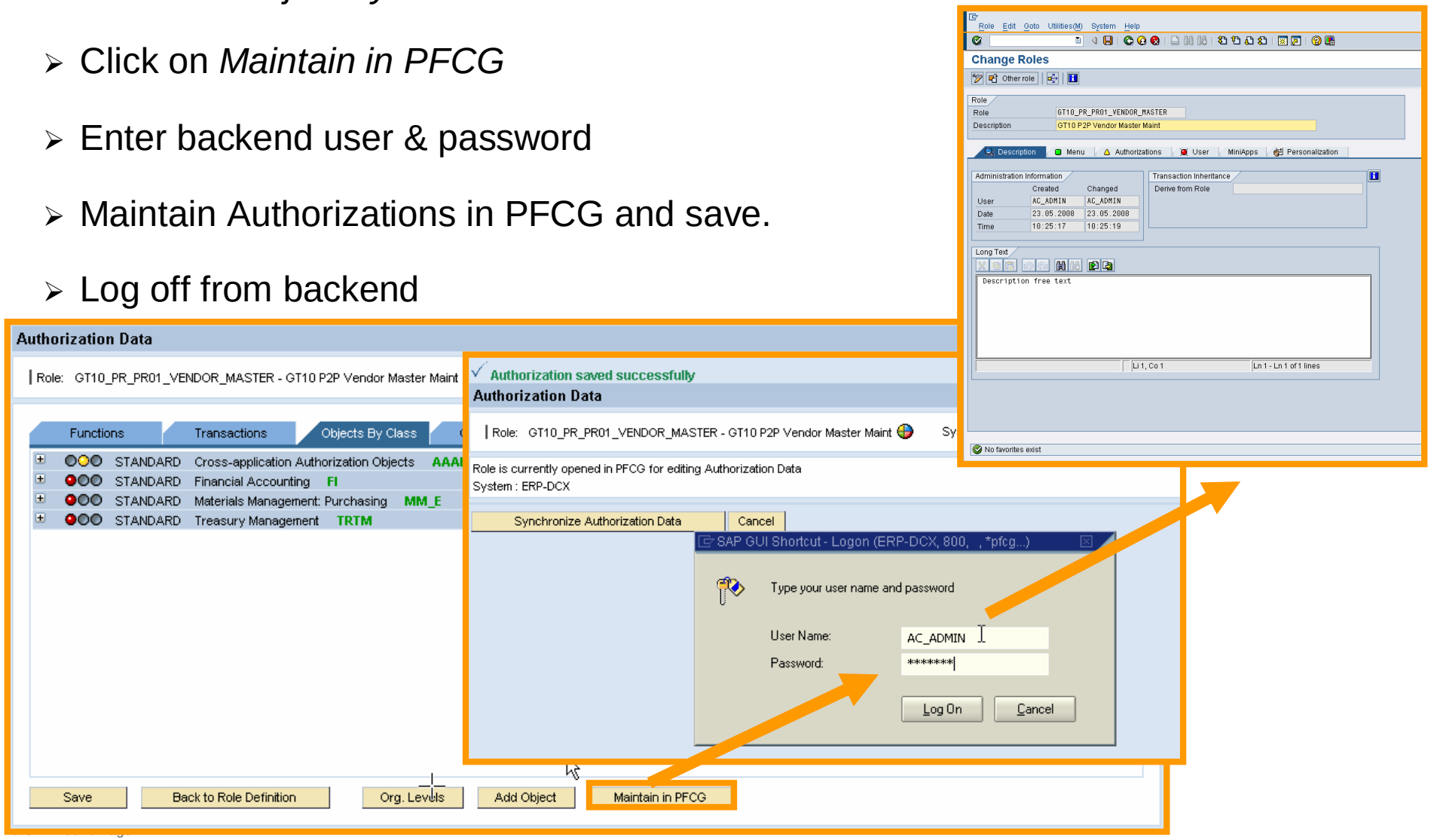
2 – Authorization Data (1/3)
→ Functions

➢ Click on „Authorization Data“ and add transactions either in buckets of the *Functions* defined in RAR or manually. If you add RAR functions, check that the transactions assigned to the selected functions are automaically added into the *Transactions* tab.



2 – Authorization Data (2/3)
→ Objects

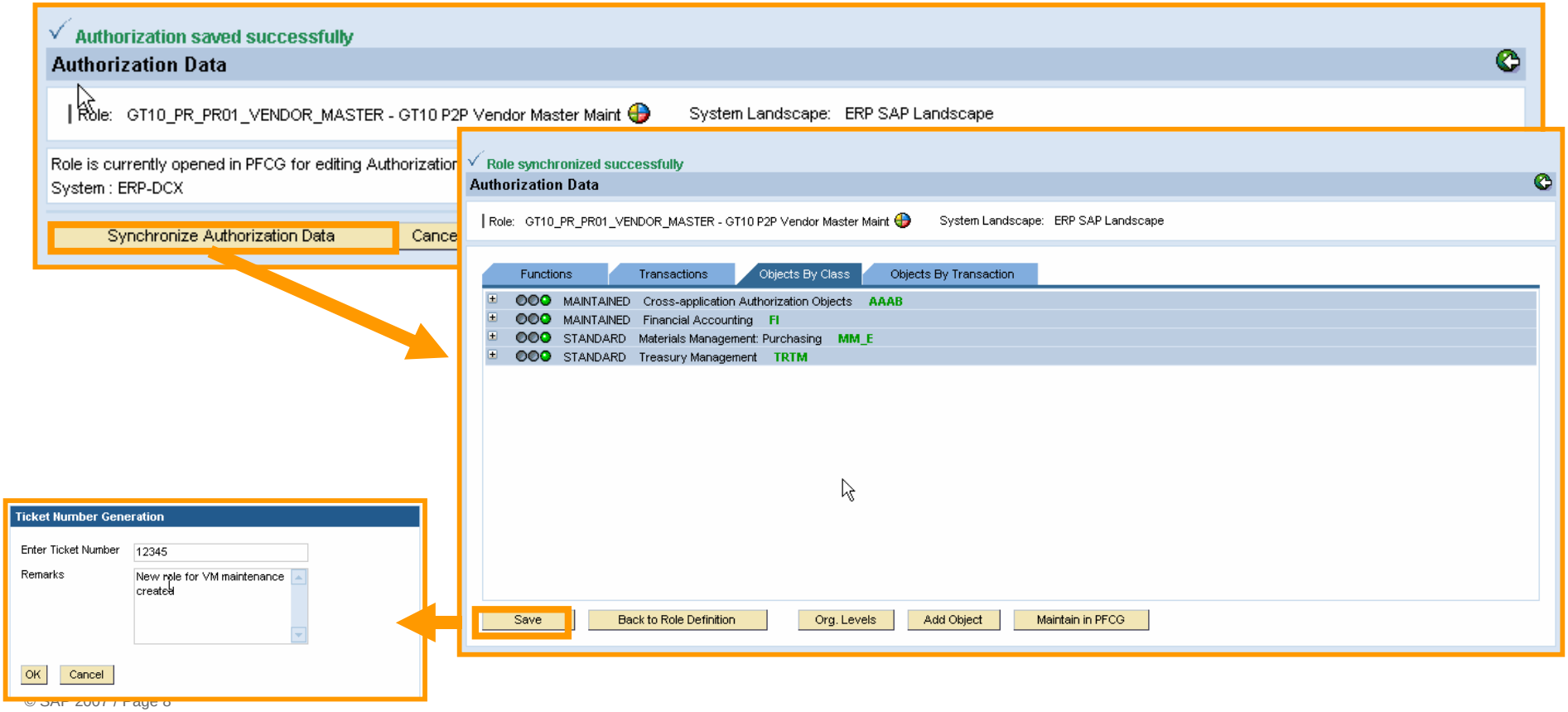
- Enter tab *Object by Class*
- Click on *Maintain in PFCG*
- Enter backend user & password
- Maintain Authorizations in PFCG and save.
- Log off from backend



2 – Authorization Data (3/3)
→ Synchronize ERM with PFCG

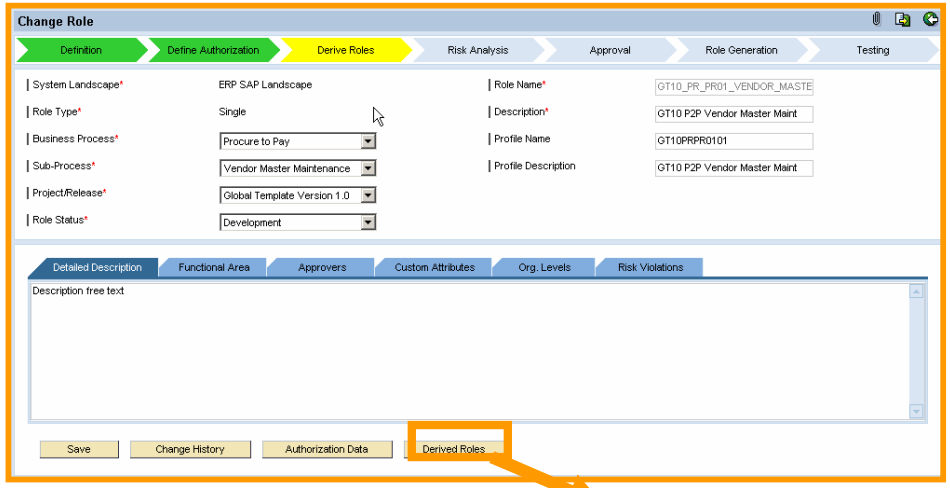
- If PFCG is not started, check whether URL of ERM is entered as trusted site in the security settings of your browser!

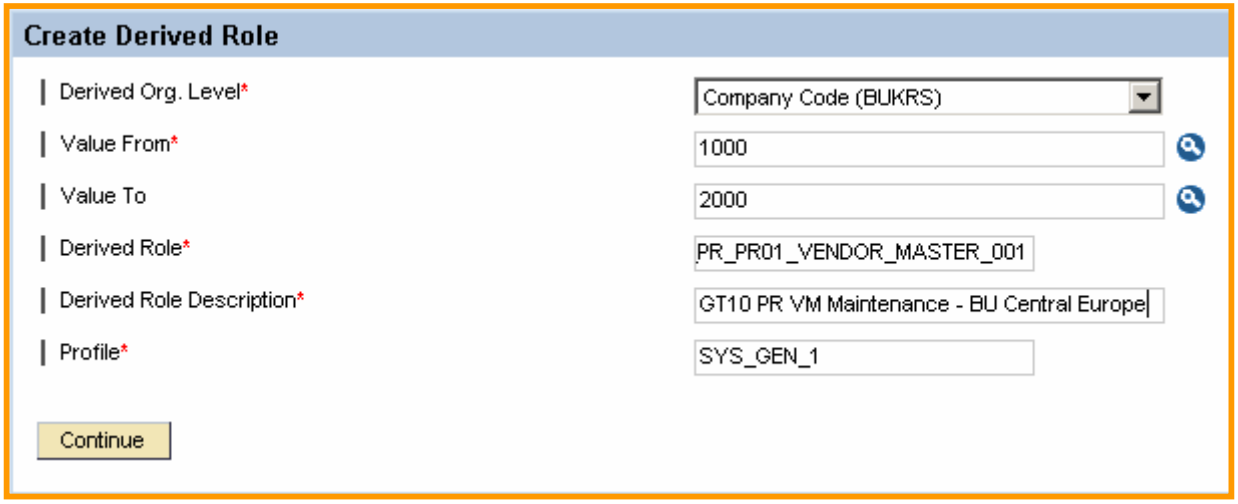
- After PFCG maintenance and backend log-off, click on *Synchronize Authorization Data.* If configured, you have to enter ticket number upon saving.



3 – Derive Roles (1/2)
→ Create Derived Roles

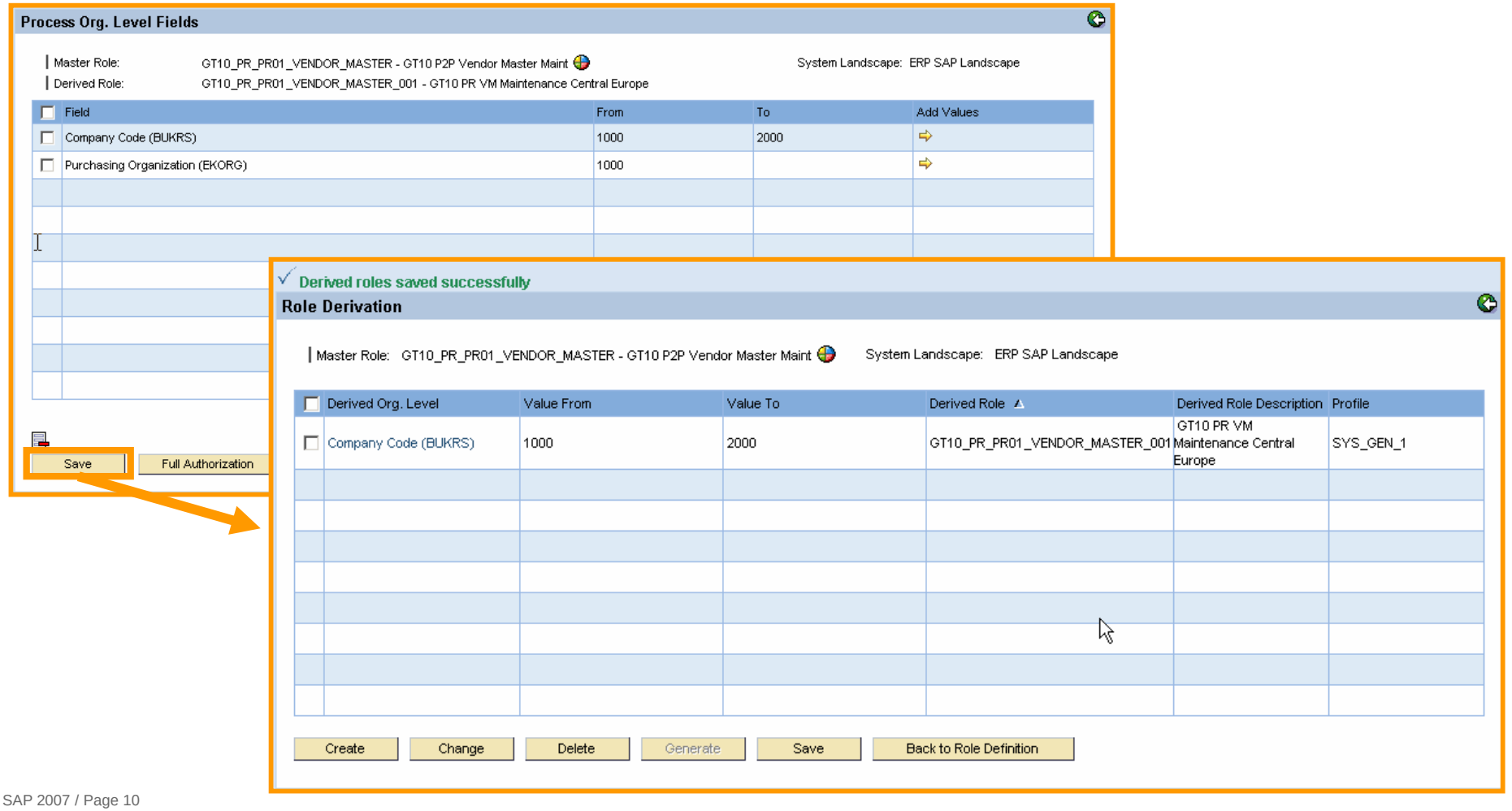
- Click on *Derived Roles*, enter value range of primary org level, complete the role name according to the naming convention and click *Continue*





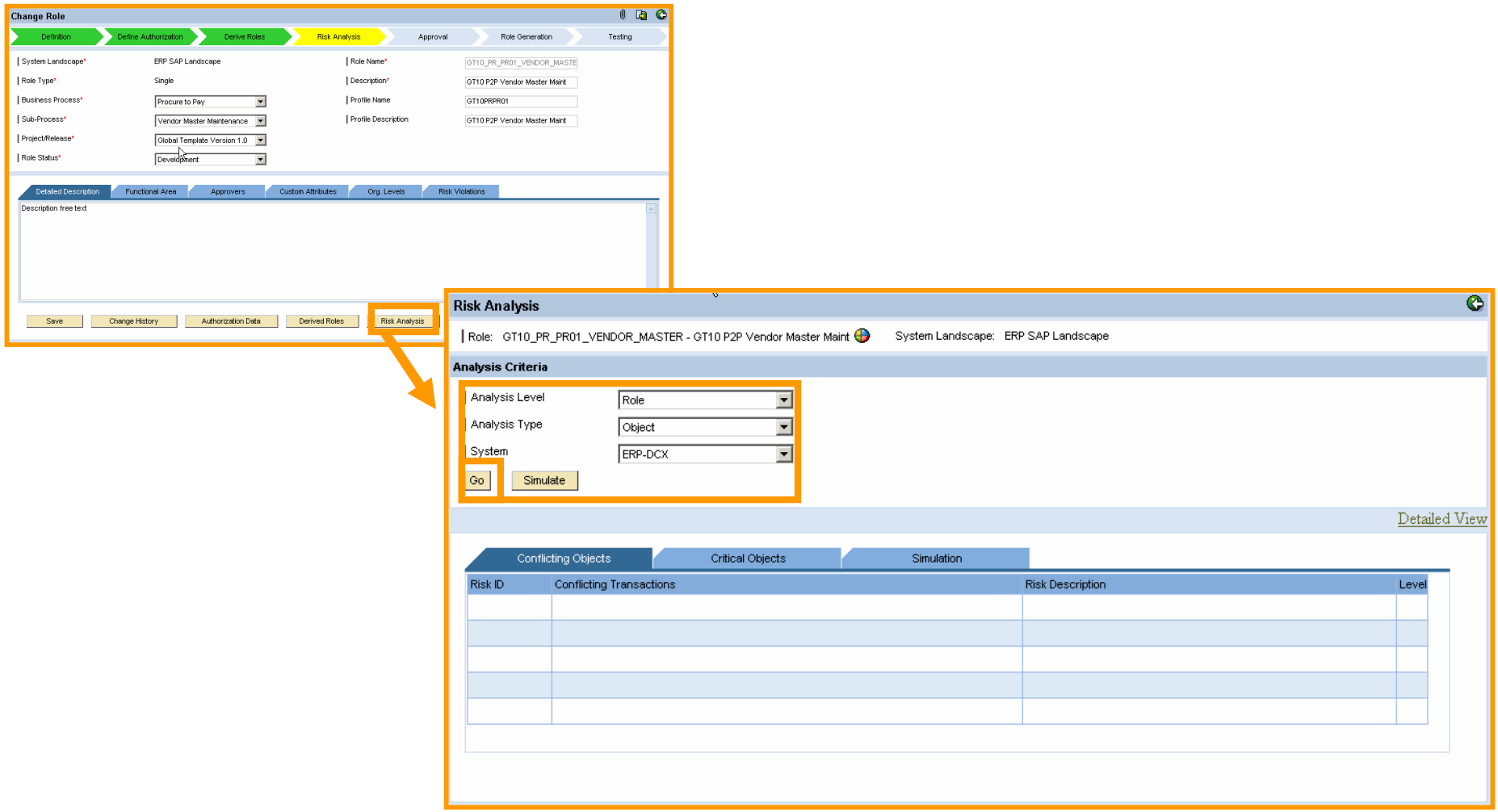
3 – Derive Roles (2/2)
→ Check/ Maintain Org Level Values

➢ If org level mapping exists, other org levels are filled-in automatically. If not, they can be maintained manually. Save.



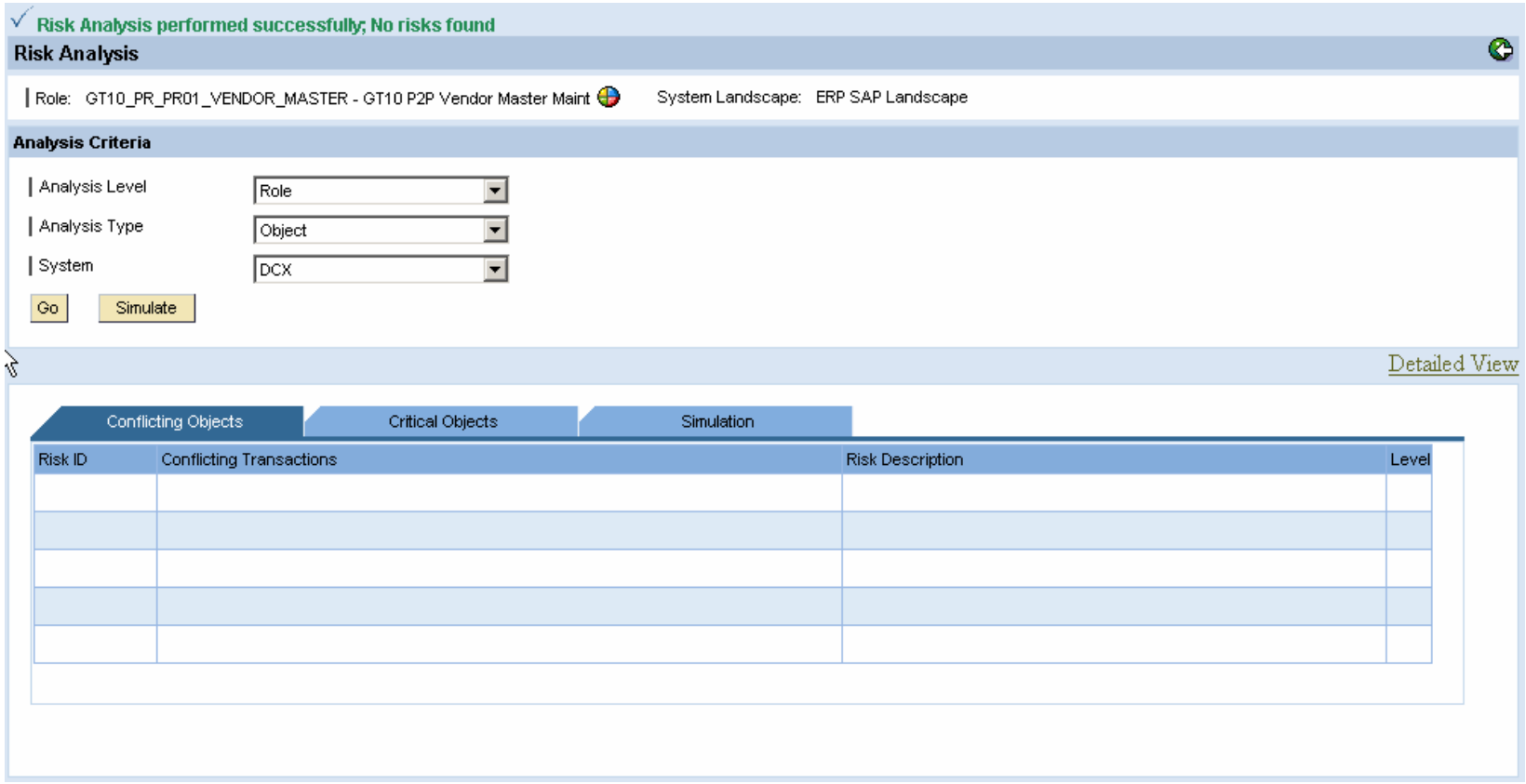
4 – Risk Analysis (1/3)
→ Select Criteria

- Click on *Risk Analysis* and select *Analysis Criteria*



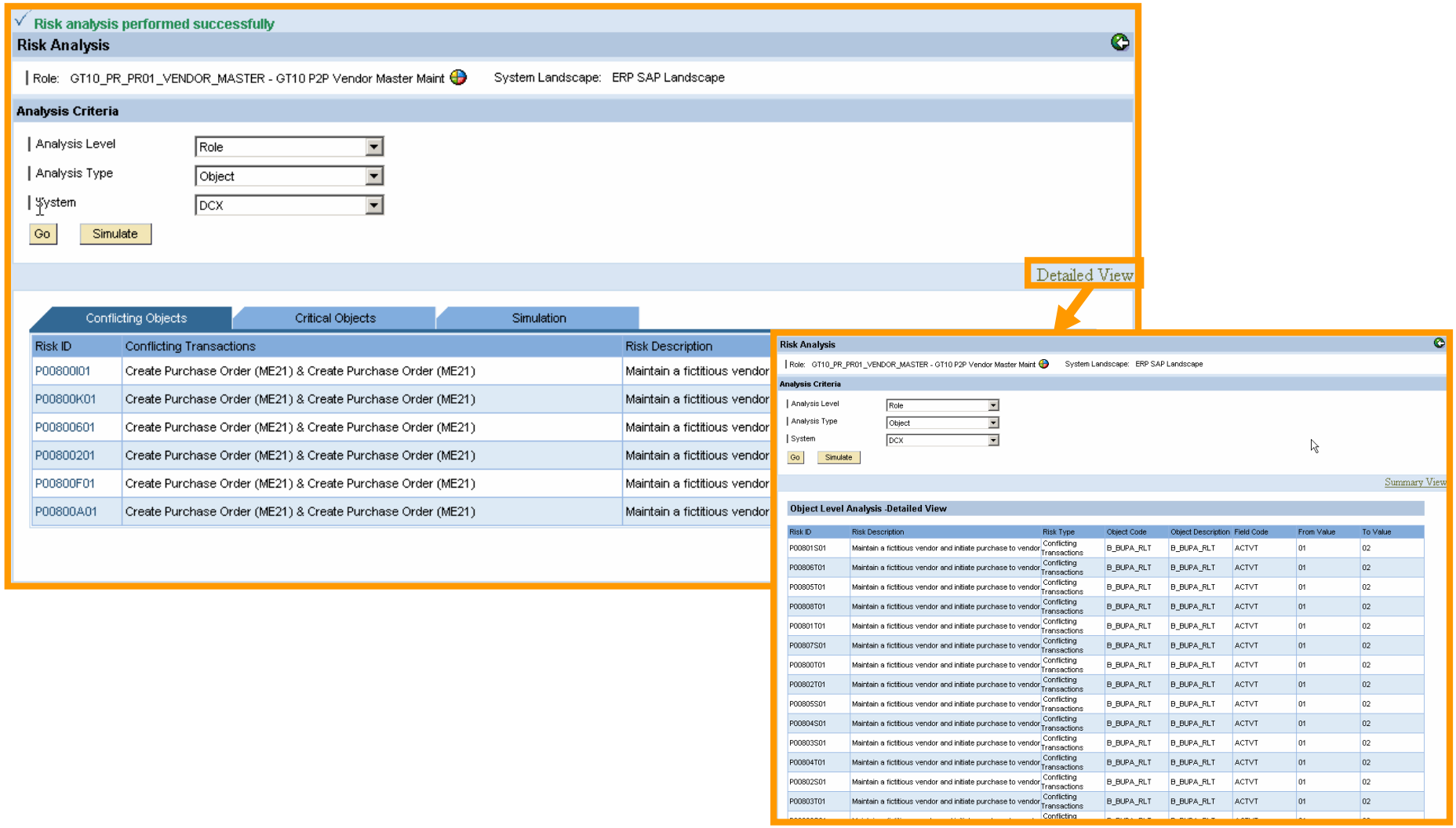
4 – Risk Analysis (2/3)
→ Results: No Risks

- If no risks are found:



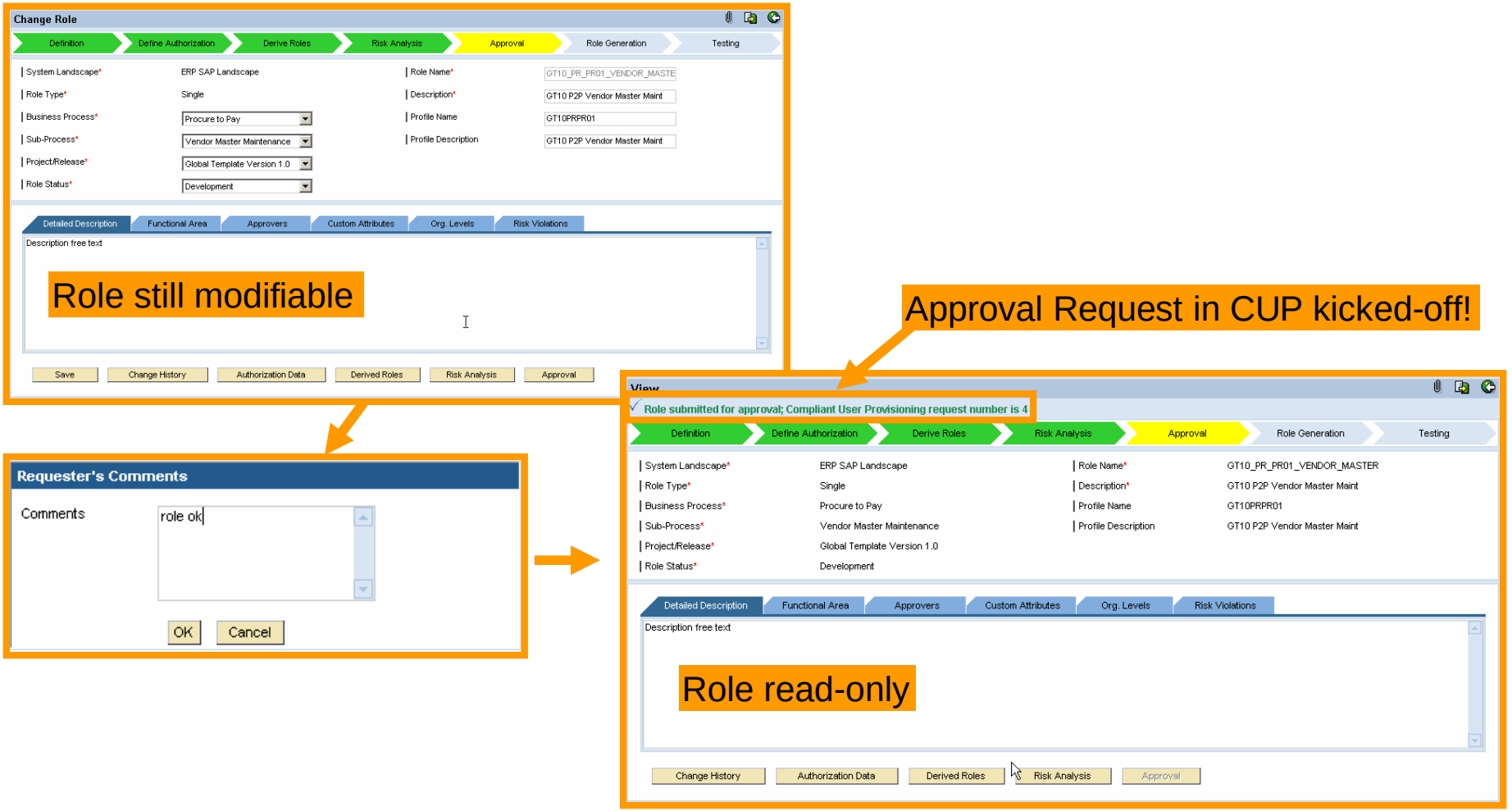
4 – Risk Analysis (3/3)
→ Results: With Risks

- If risks are found: Summary & Detailed View



5 – Approval (1/3)
→ Approval in ERM

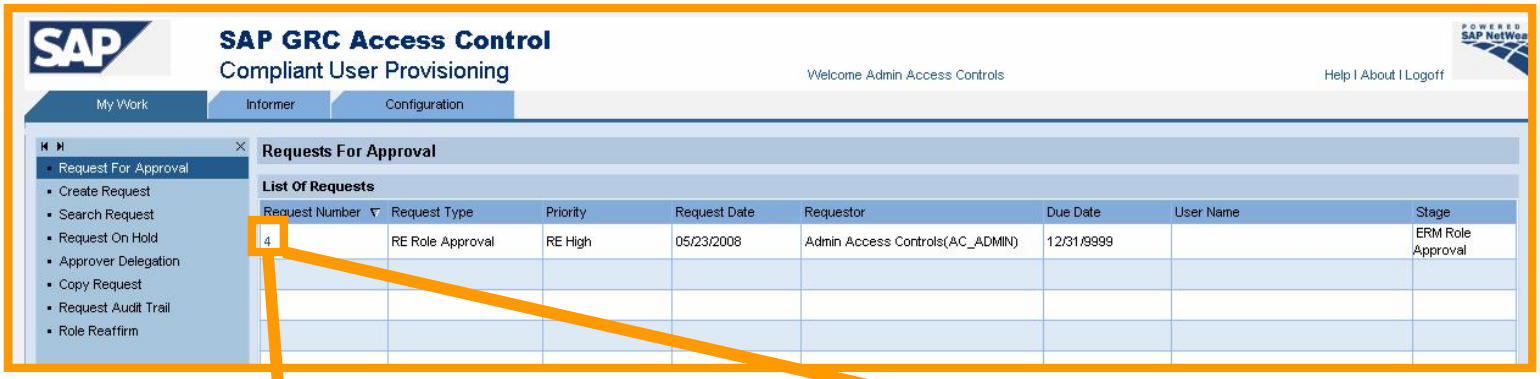
- Role Approval allows for comments, kicks-off an approval request in CUP and turns role into read-only mode until approval in CUP happens



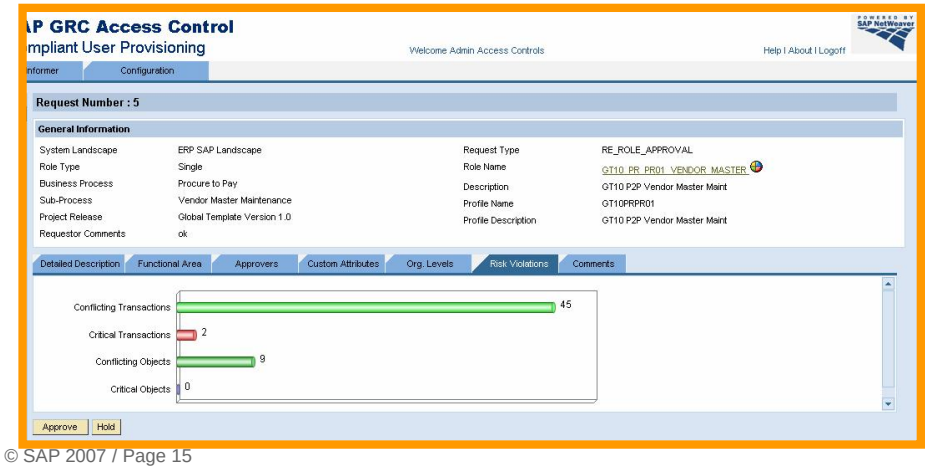
5 – Approval (2/3)
→ Approval in CUP – Inbox

- Approver logs on to CUP and finds request for role approval in his inbox. Remember that approvers require *AEApprover* UME role!

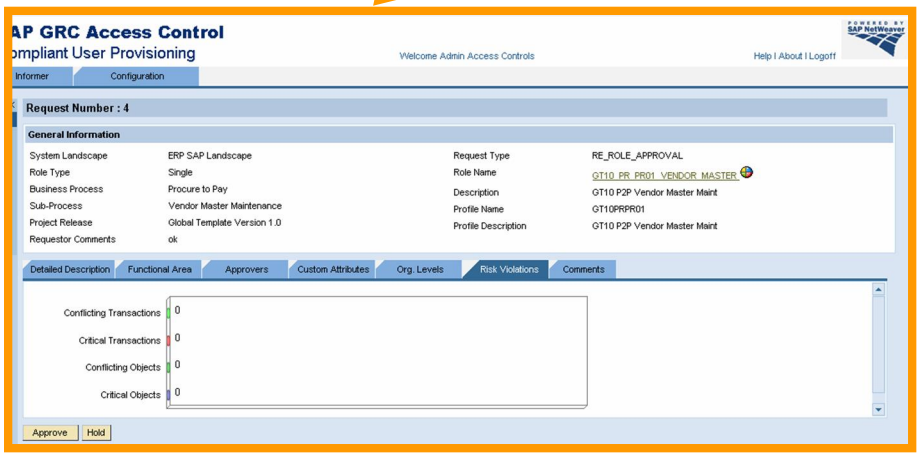
- Tab rider reveal details of the role to be approved, for example its risk content



Role with risks

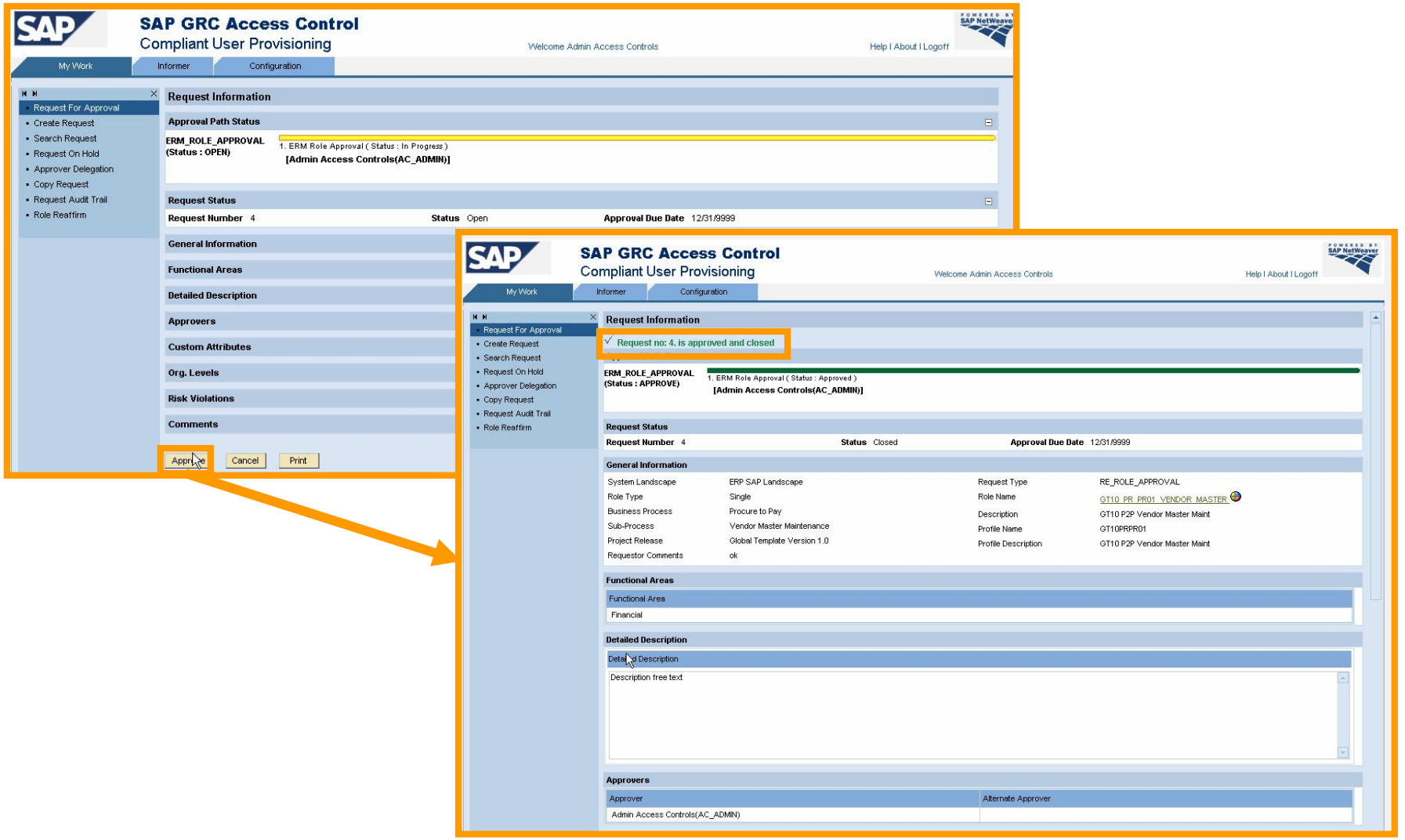


Role w/o risks



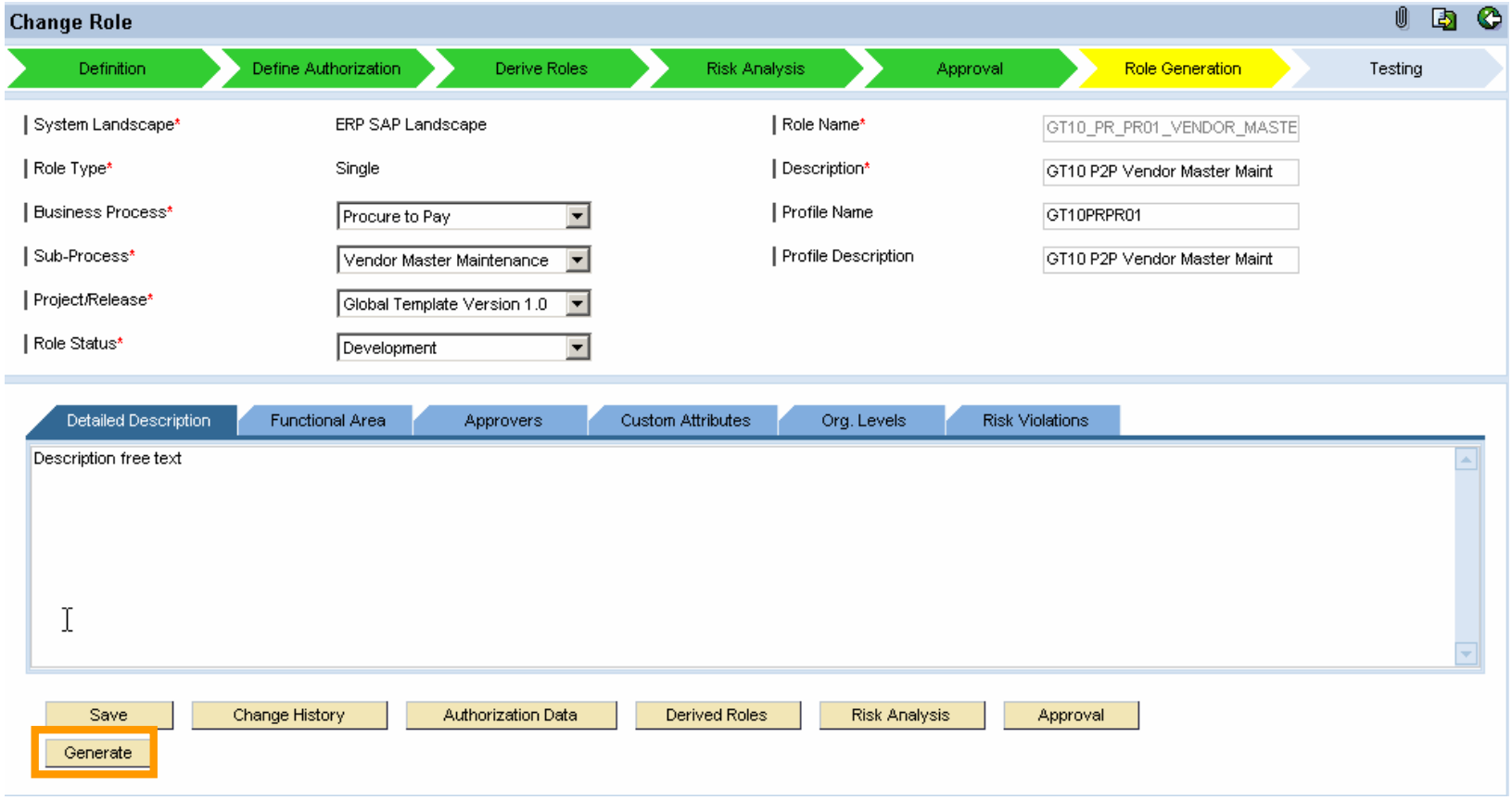
5 – Approval (3/3)
→ Approval in CUP – Approve

- In fact you need to approve twice – first it turns yellow and then green.



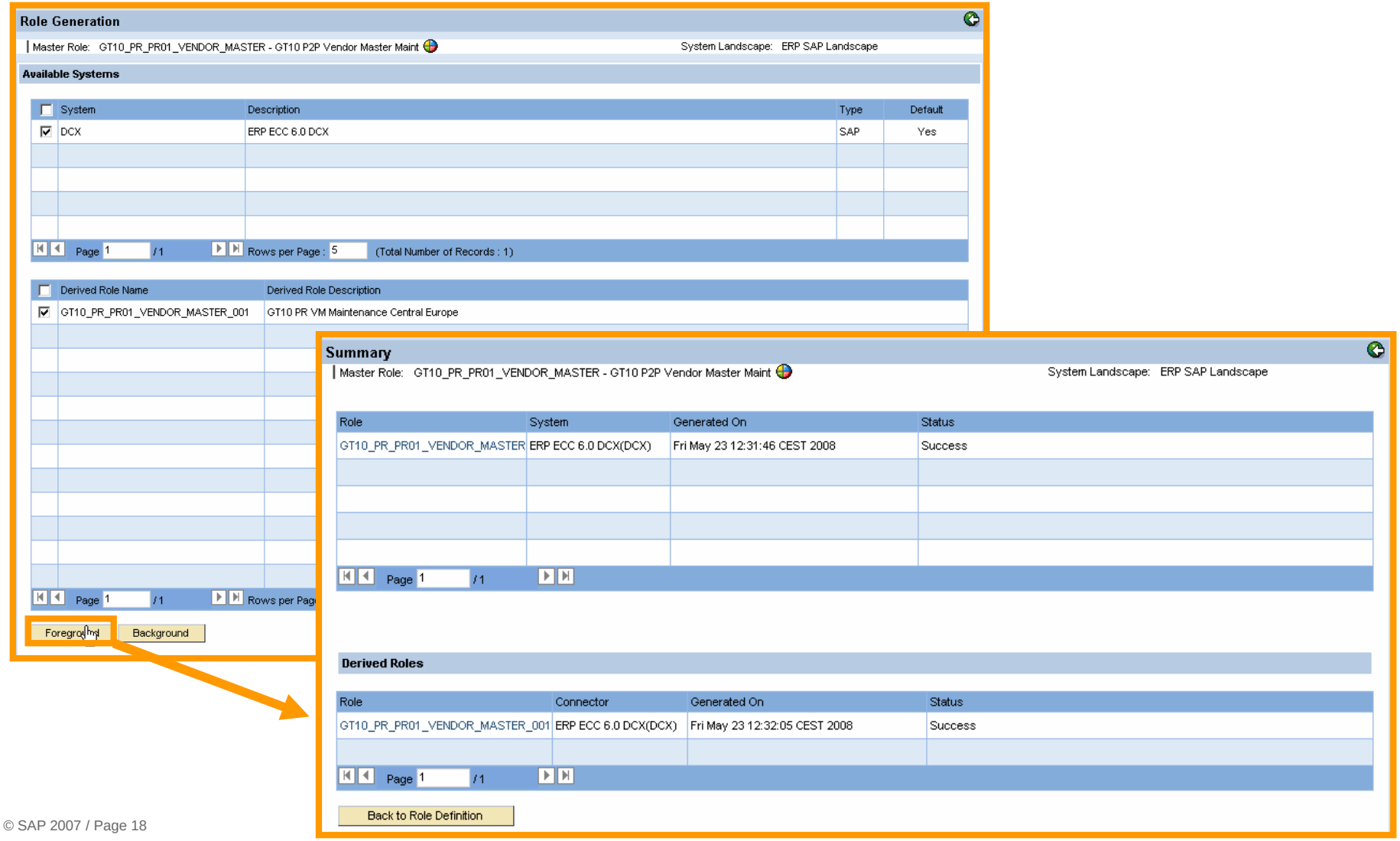
6 – Role Generation (1/2)

- Click on *Generate*



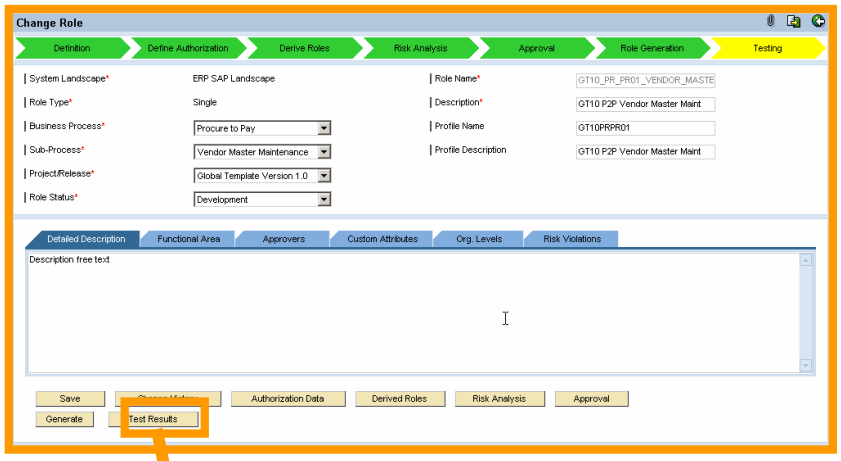
6 – Role Generation (2/2)

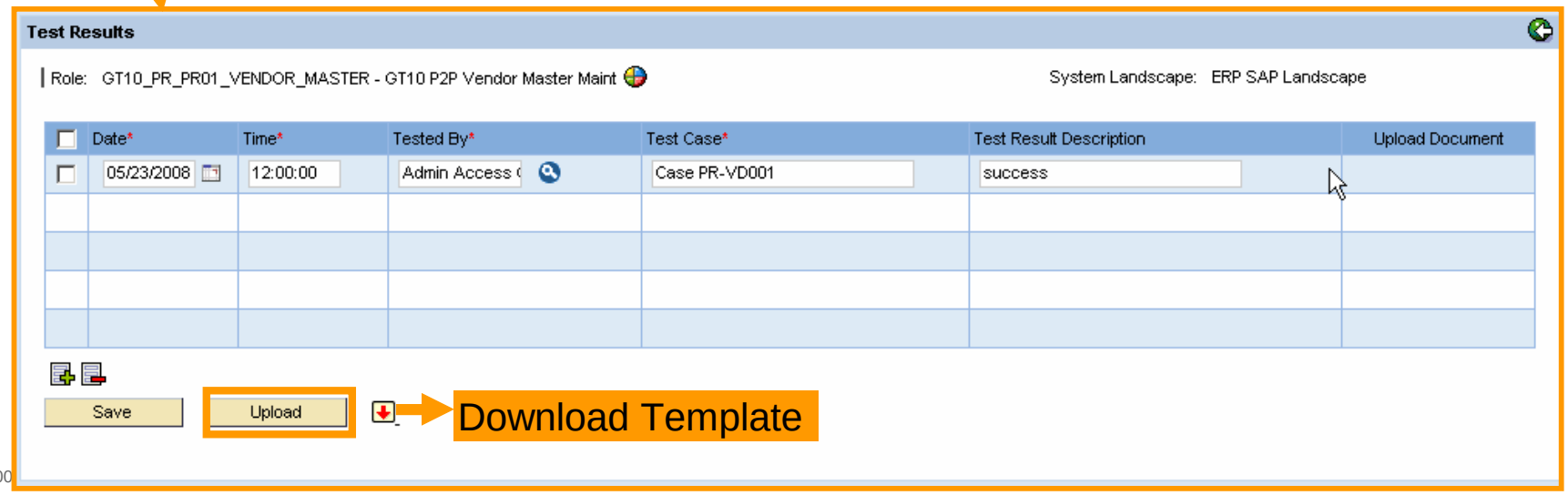
- Master & Derived Roles for Role Generation are listed. Run it!



7 – Testing (1/2)

- Click on Test Results. Each test case makes up one line item. You can upload a spreadsheet of pre-defined format. Click red arrow for a template.





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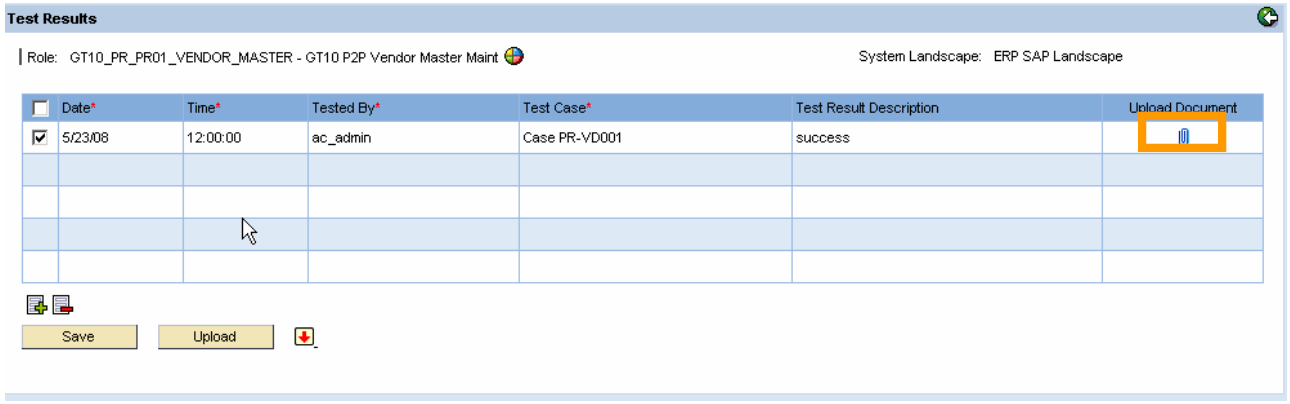
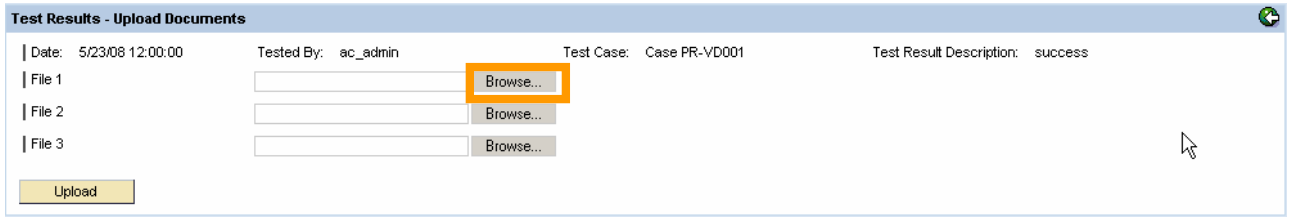
7 – Testing (2/2)

- Click on the paper-clip icon to upload information on additional test cases





- You are done!

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