PUBLIC

Deep dive into SAP Business Technology Platform Workflow Management – Restart WorkflowDEV-264

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SAP Business Technology Platform Workflow Management has Process Visibility capability enable Process Owners / Process Operators to gain real time insights into processes and insight to actions. In this document you will learn how to model workflows, use as actions in Process Visibility to trigger based on process status by system or user.

INSIGHT TO ACTION

Processes change their status based on different situations like delays, SLA violation or technical failures. Some of this status changes require system centric actions and others require user centric actions. Process Visibility enable you to define both system and user centric actions based on process status. Please see help portal for more details.

System Triggered Action

Process visibility trigger actions when process status changes like (Failed, Suspended, Overdue or at Risk). Pre-configured workflow is triggered, and the workflow can do appropriate steps like notifying process administrators or creating a service ticket.

User Triggered Action

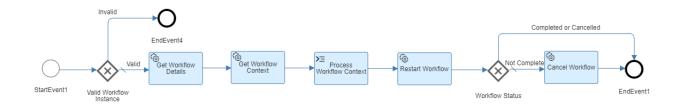
User triggered actions will be enabled when the process reach the preconfigured state and a user can trigger this action from process visibility. For eg: The process has exceeded the cycle time or at Risk or suspended or Failed.

Prerequisite

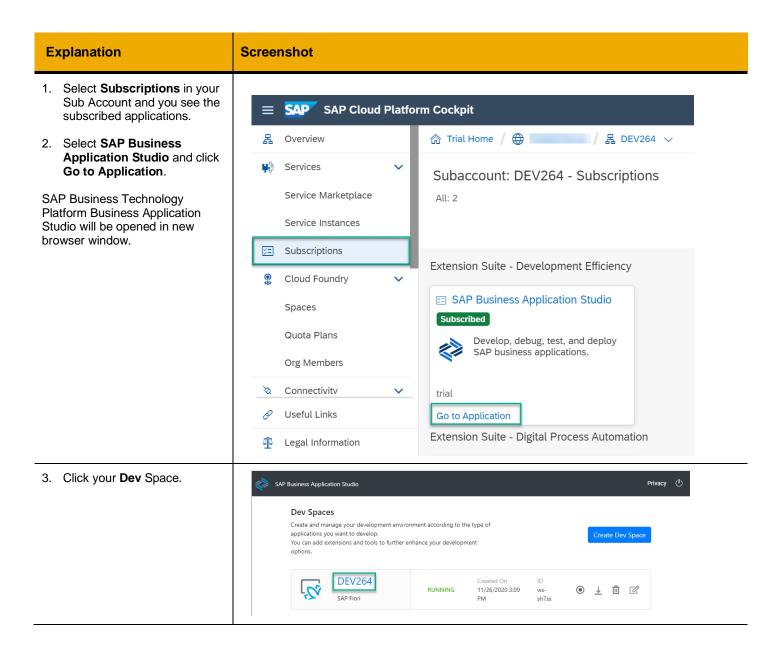
You have already configured your SAP Business Application Studio Workspace and Created the Investment Approval Workflow. Please refer Model Workflow guide how to build and deploy Investment Approval Workflow.

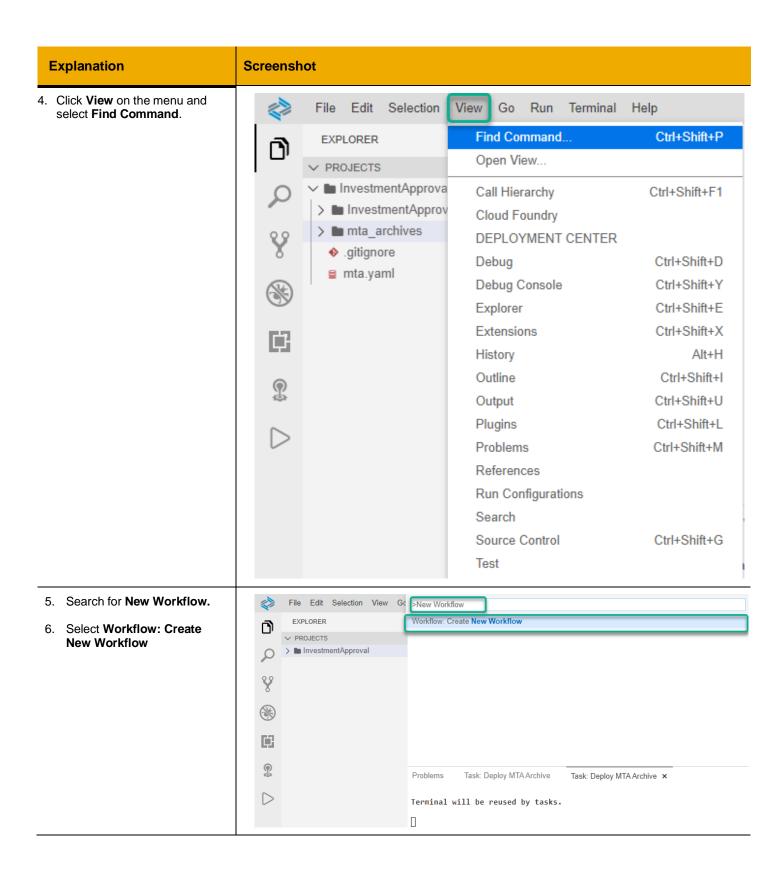
INSIGHT TO ACTION - RESTART WORKFLOW - USER TRIGGERED ACTION

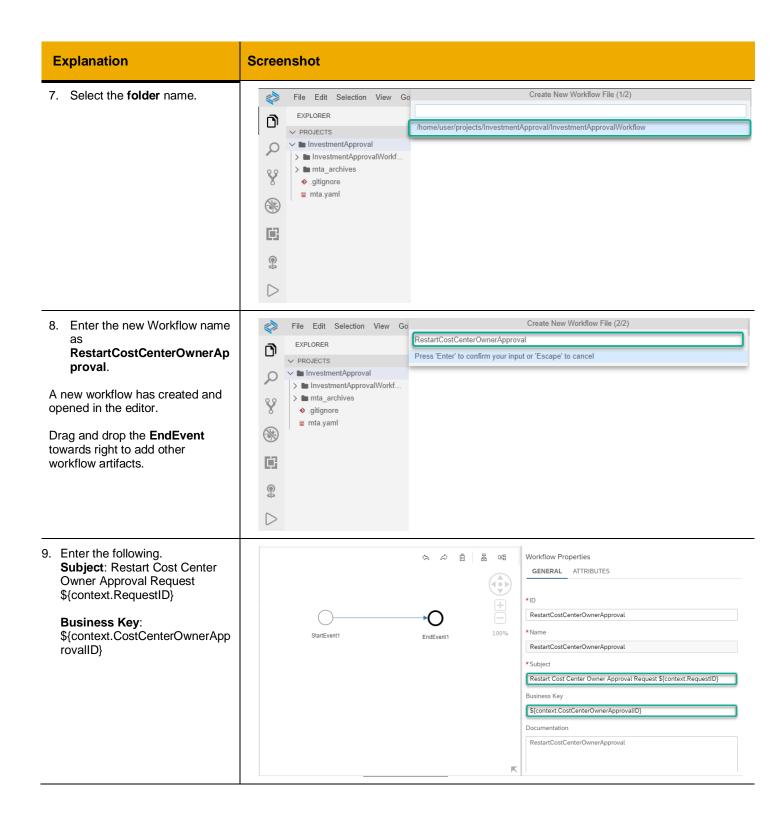
In this hands-on guide you will learn to model a workflow to get the details of a Cost Center Owner Approval workflow instance, get Workflow context, create a new workflow instance and cancel the current workflow instance using <u>SAP Business Technology Platform Workflow APIs</u>.

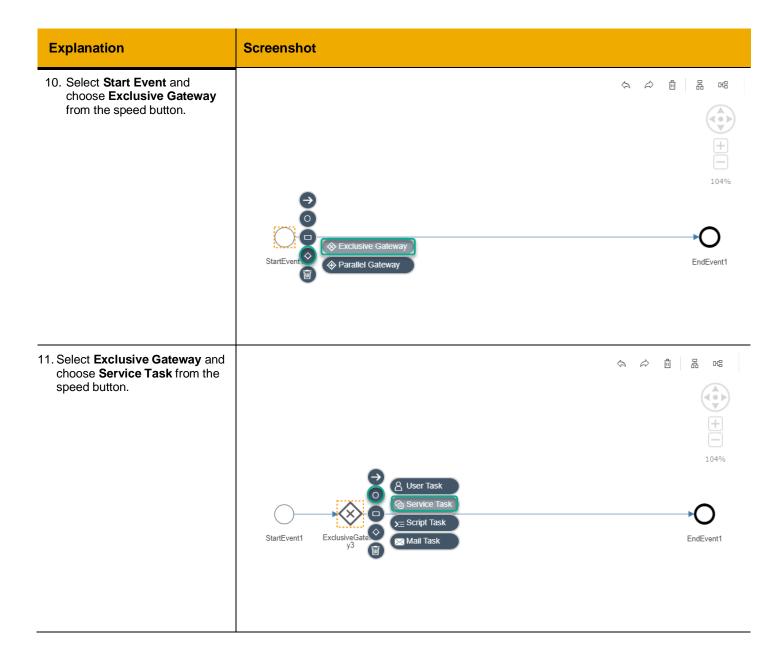


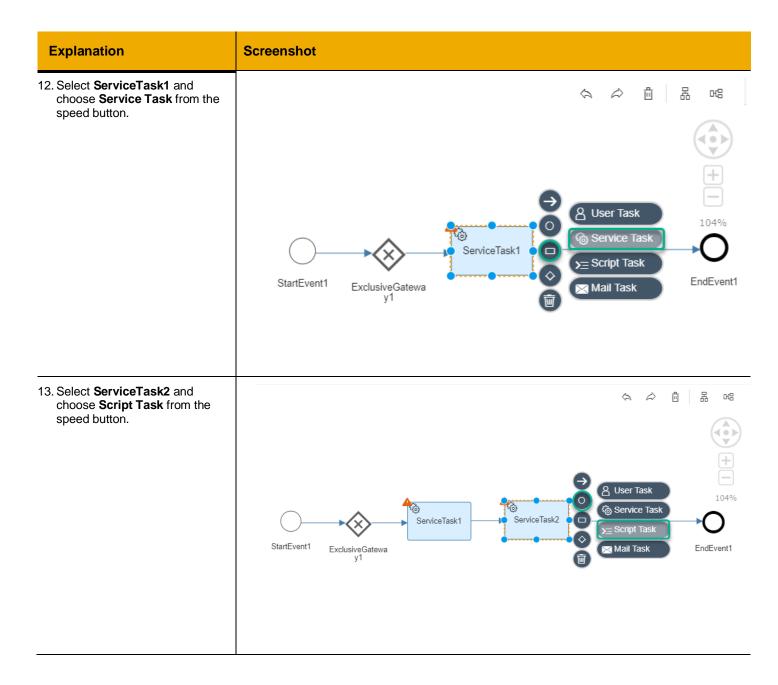
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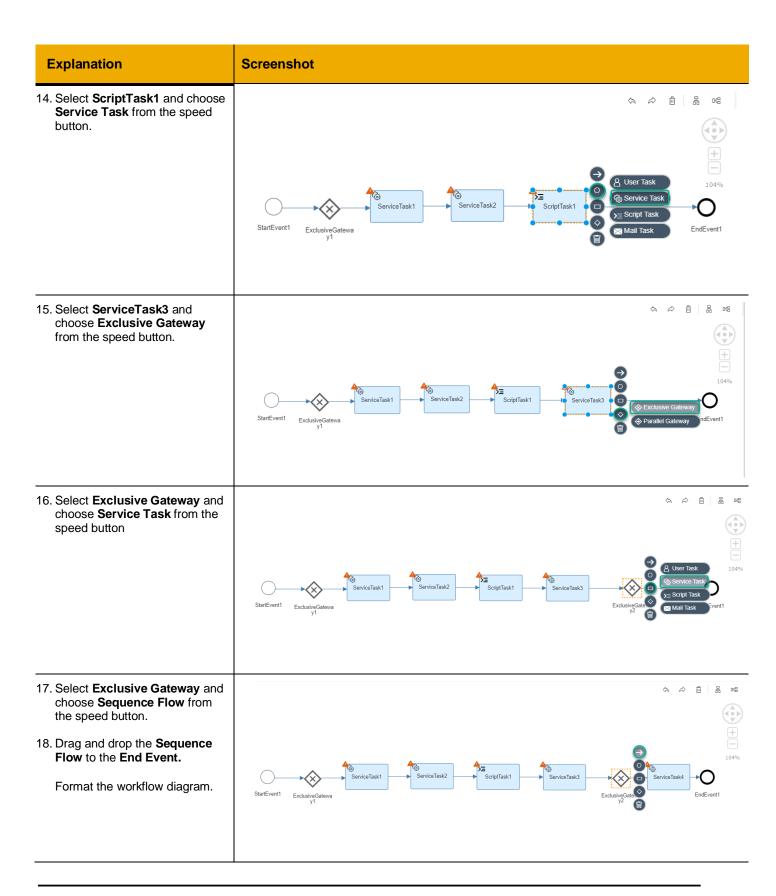


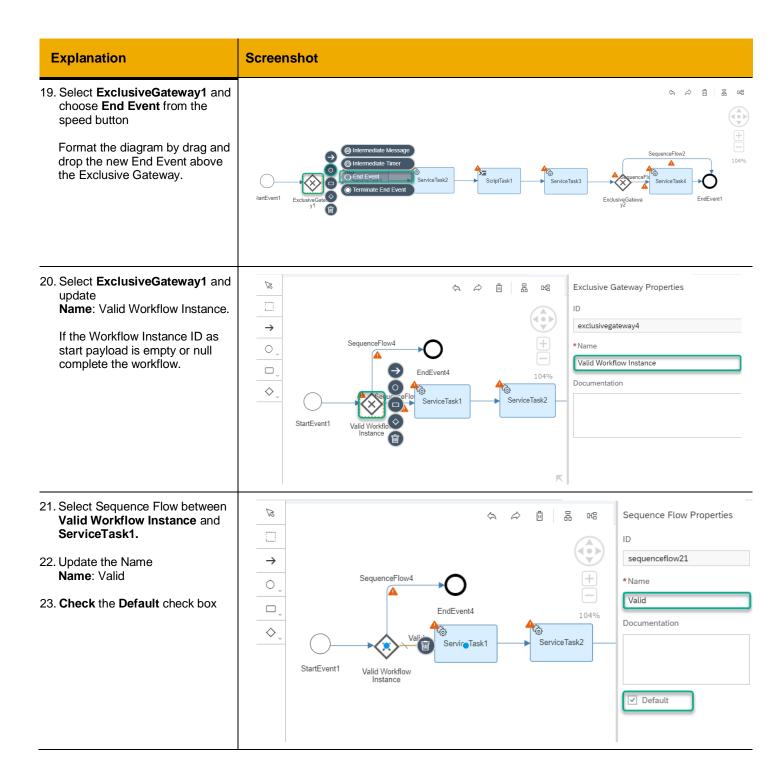


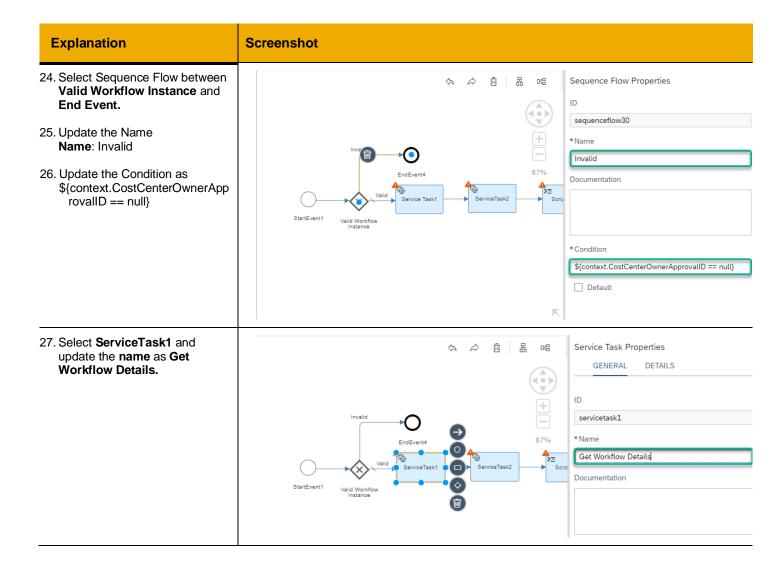


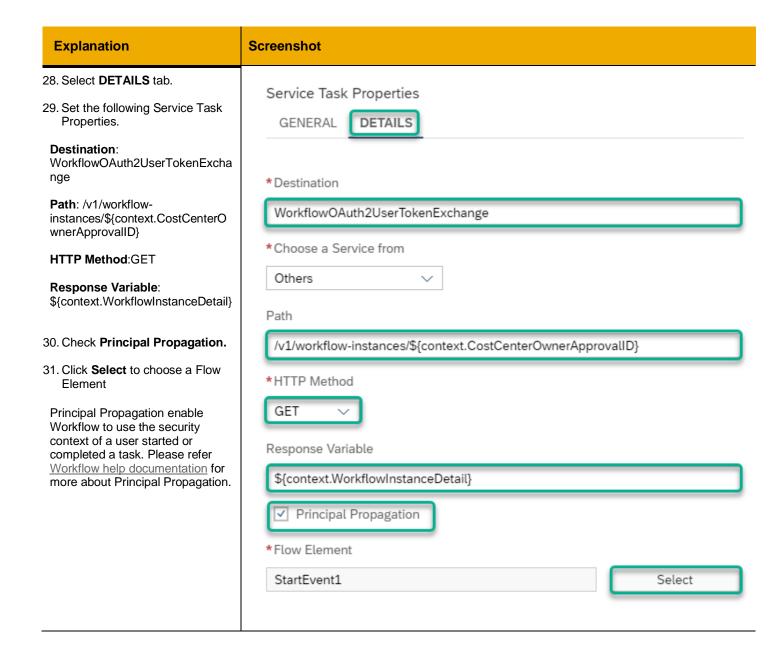


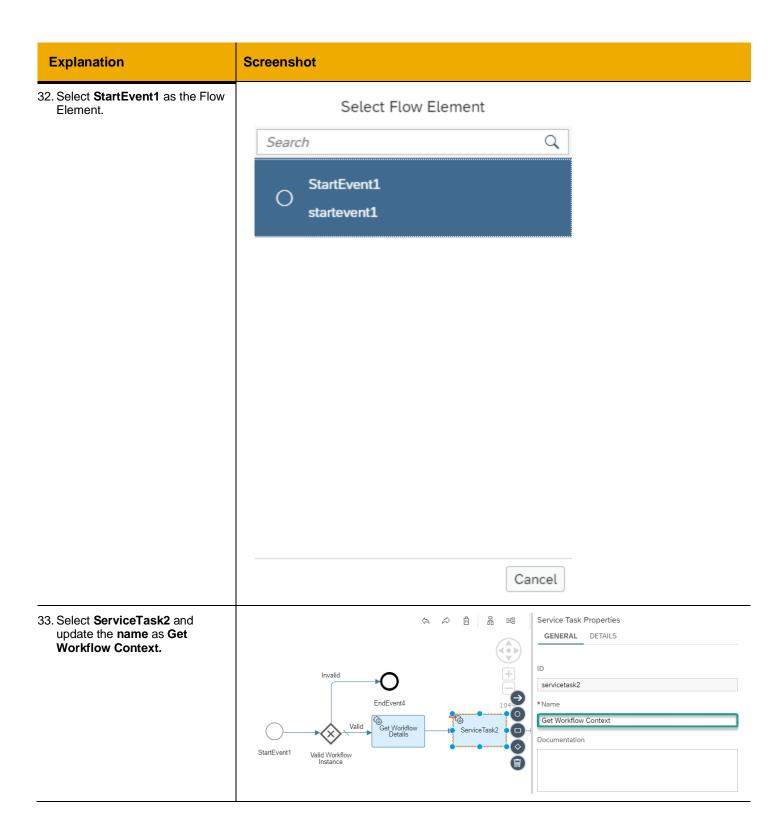


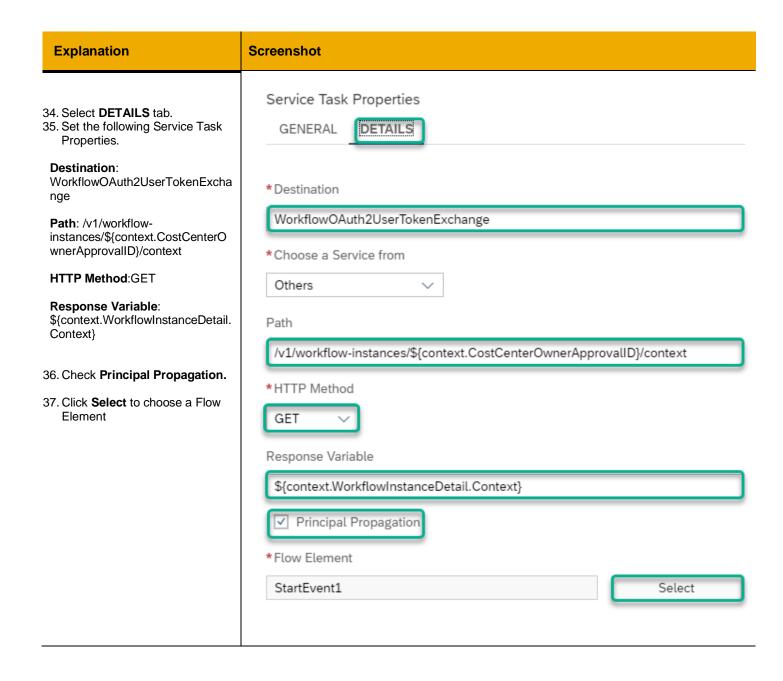


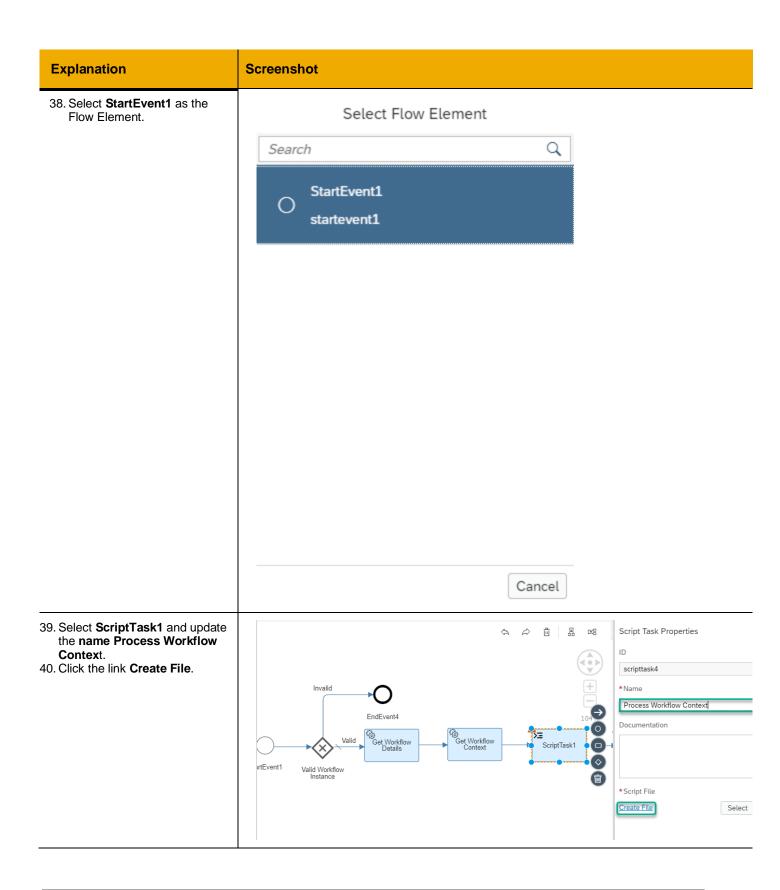


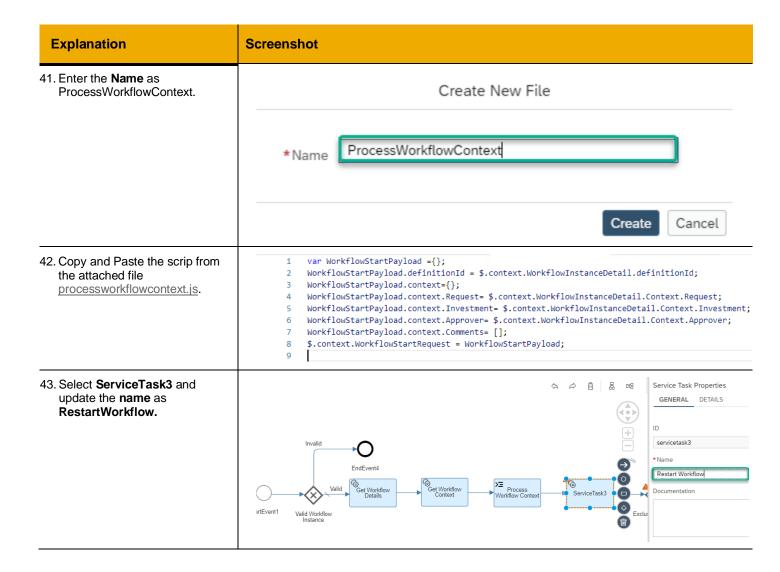


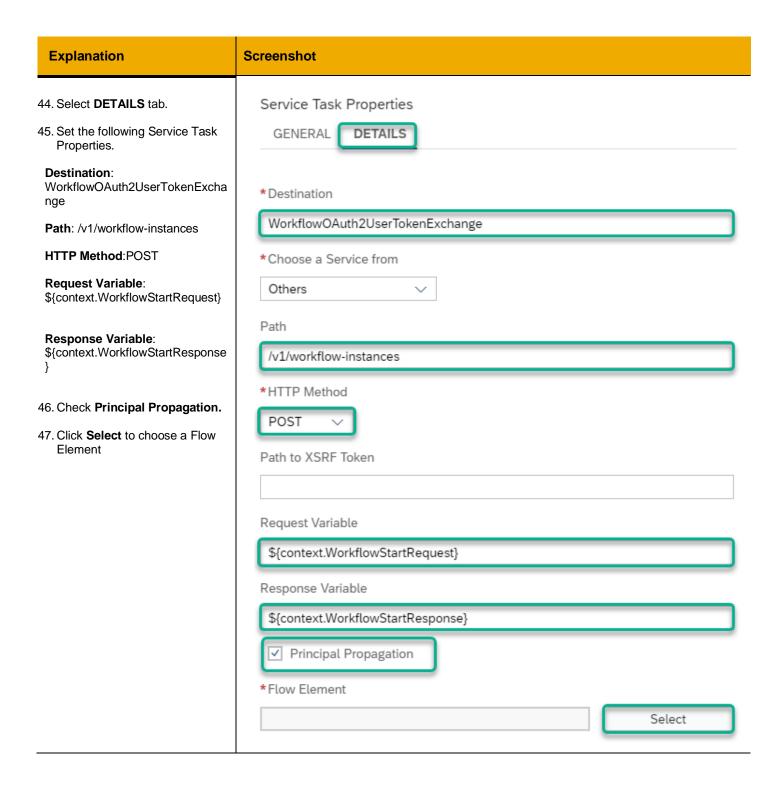


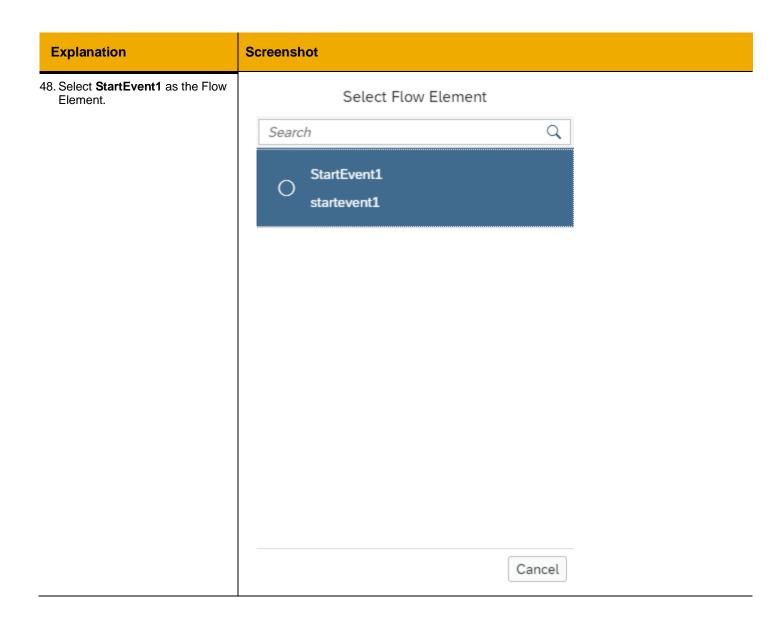


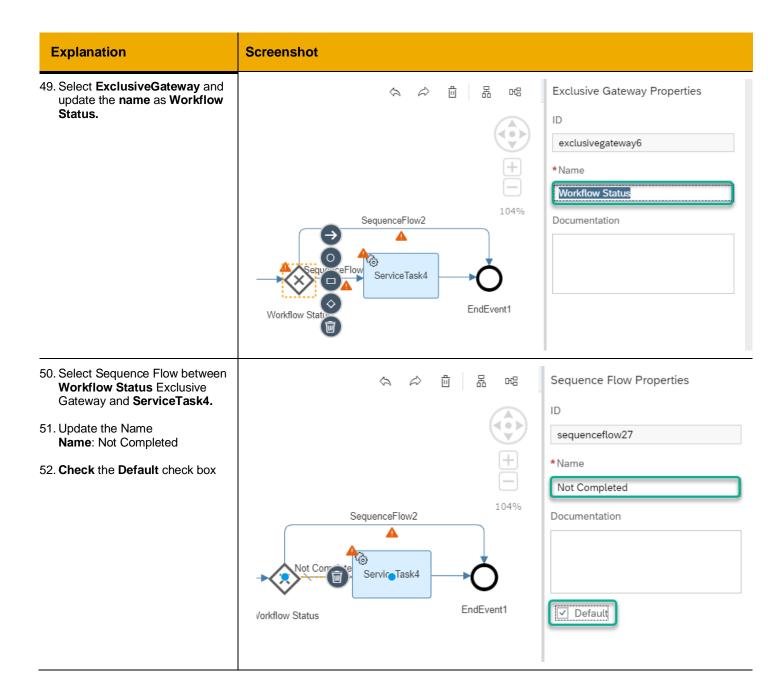


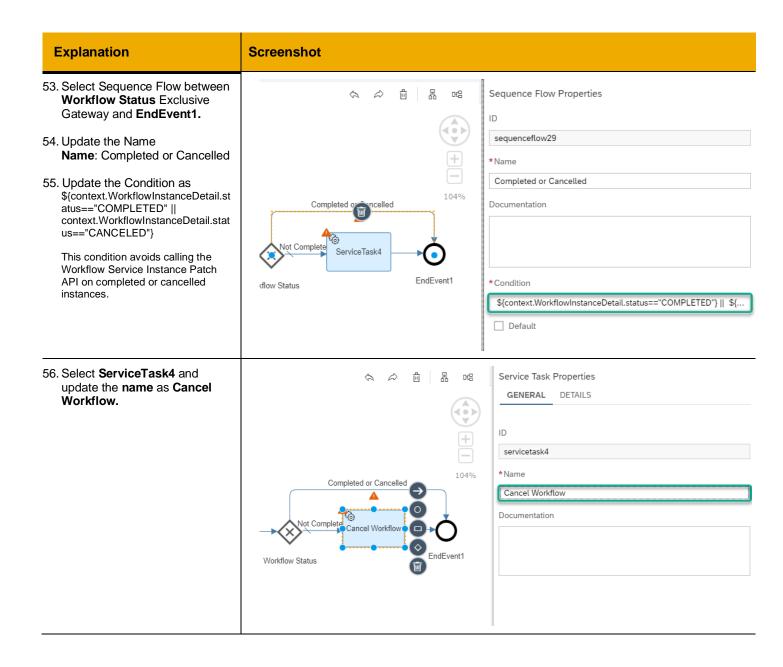




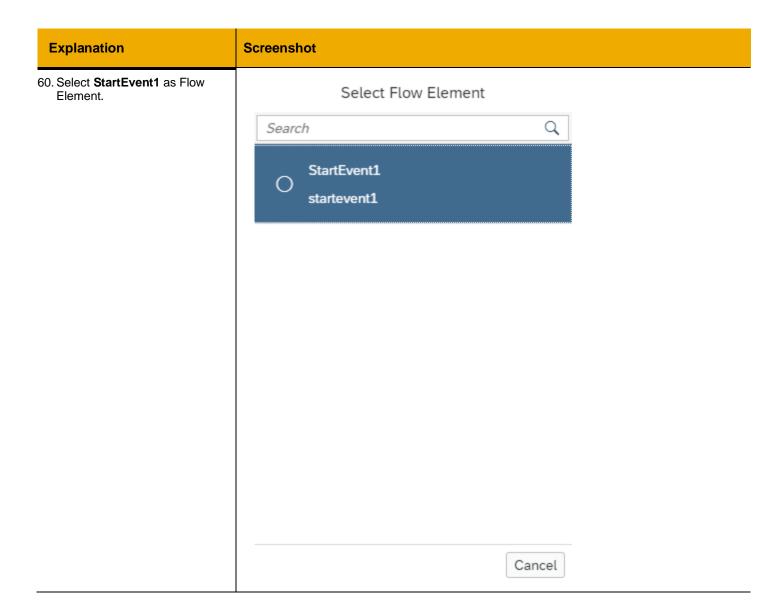


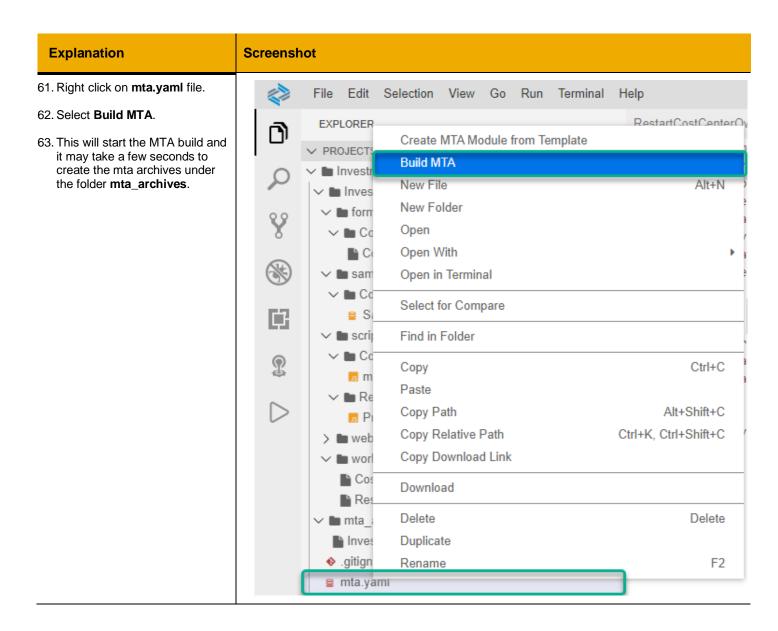






Explanation	Screenshot
57. Set the following Service Task Properties.	Service Task Properties
Destination : WorkflowOAuth2UserTokenExcha nge	GENERAL DETAILS
Path: /v1/workflow- instances/\${context.CostCenterO wnerApprovalID}	*Destination WorkflowOAuth2UserTokenExchange
HTTP Method:PATCH	*Choose a Service from
Request Variable: \${context.WorkflowPatch}	Others
Response Variable: \${context.WorkflowPatchRespons e}	Path /v1/workflow-instances/\${context.CostCenterOwnerApprovalID}
58. Check Principal Propagation.	*HTTP Method
59. Click Select to choose a Flow Element	PATCH V Path to XSRF Token
	Request Variable \${context.WorkflowPatch}
	\${context.WorkflowPatch} Response Variable \${context.WorkflowPatchResponse} ✓ Principal Propagation *Flow Element Select





Explanation	Screenshot
64. Successful build will update the .mtar file and show	File Edit Selection View Go Run Terminal Help
message in the build logs. 65. Select the .mtar file and right click. 66. Click Deploy MTA Archive .	Deploy MTA Archive New File New Folder Open Open Open With CostCenterO Sample-data CostCenterO Sample Inve Sample Inve CostCenterO Sample Inve Copy Copy CostCenterO Marchive New File New Folder Open Open Open Open Open With CostCenterO Select for Compare Find in Folder Copy Ctrl+C Paste Copy Path Alt+Shift+C Copy Relative Path Ctrl+K, Ctrl+Shift+C
	ProcessWorl → webcontent → workflows → CostCenterOv → RestartCostCe → mta_archives Rename F2 InvestmentApproval_U.U.1.mtar → .gitignore □ mta.yaml
67. Successful deployment will show the log.	Problems Task: Deploy MTA Archive x Uploading 1 files /home/user/projects/InvestmentApproval/mta_archives/InvestmentApproval_0.0.1.mtar OK Operation ID: c443e49b-318f-11eb-a634-eeee0a8b72e6 Deploying in org "DEV264" and space "dev" Detected MTA schema version: "3" No deployed MTA detected - this is initial deployment Detected new MTA version: "0.0.1." Processing service "workflow_mta" Creating service "workflow_mta" from MTA resource "workflow_mta" 1 of 1 done Creating service key "InvestmentApprovalWorkflow-workflow_mta-credentials" for service "workflow_mta" Uploading content module "InvestmentApprovalWorkflow" in target service "workflow_mta" Deploying content module "InvestmentApprovalWorkflow" in target service "workflow_mta" Skipping deletion of services, because the command line option "delete-services" is not specified. Process finished. Use "cf dmol -i c443e49b-318f-11eb-a634-eeee0a8b72e6" to download the logs of the process. Terminal will be reused by tasks.

SUMMARY

You have modeled an action workflow and successfully deployed in your SAP Business Technology Platform trial account. In the process visibility hands on guide, you will consume this workflow to configure an action in SAP Business Technology Platform Process Visibility.

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