

Domain: GCP Onboarding - User Story 1

Objective	As an application developer I need an API based GCP Onboarding process that vends a functional GCP project so that I can start consuming GCP services within a week.
Acceptance Criteria	<p>Conditions required to be successful, you can think of any function or non-functional criteria here:</p> <ul style="list-style-type: none"> • Ability to request for a GCP Project using API • Ability to automatically validate for right application information • Ability to obtain required approvals for the request • Ability to check for status of project provisioning workflow • Ability to view/list all project and its relevant information for a given application • Ability to receive notifications about the project requested and next steps to gain access to project • The solution deploys bare minimum components such as network/IAM/Pipelines that makes the project useable • The solution enforces risk and control requirements for production requests • Ability to automate the project provisioning pipeline with status callback without human intervention for happy path • Ability to update projects post-creation in parallel
Stakeholders	All application users – CTI Service engineers, XCS, VDI and EAP
Resourcing	<p>3 - Automation of project provisioning</p> <p>2 - Workflow Development</p> <p>2 – SDLC/TFE/Pipelines</p> <p>1- IAM Resource for Service Account automation</p> <p>1 - Network resource provisioning automation</p>
Milestones	<p>MARCH MILESTONE</p> <ul style="list-style-type: none"> • Marketplace Requests to provision Service Engineering projects as interim solution • Migrate Project Factory code base out of foundations repository to a new TFE based repository • Configure Project Factory pipeline with Hardened Jenkins and TFE pipelines • Publish Account service APIs to automate project vending process • Build GCP workflow using Camunda engine to integrate with account service and initiate project factory pipeline • Build Approvals and validation modules to the workflow • Publish Project Request API for users using swagger • Integrate GCP workflow engine with IAM pipelines for service account creation in the new project (pending discussion and roadmap alignment with IAM team) • Integrate GCP workflow engine with network pipelines for subnet, managed zone and cloud router custom routes in the new project • Create a new tenant Hardened Jenkins pipeline to deploy tenant infrastructure as code <p>POST MARCH</p> <ul style="list-style-type: none"> • Configure Project Factory pipeline with Managed Infrastructure pipeline with Harness • Configure tenant IAC pipelines using Harness Tekton pipelines • Configure Managed Infra update pipelines

Submitter	Haripriya Jagannathan
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Please reach out to Haripriya Jagannathan/Siddhi Revandkar/Dolapo Kukoyi once the document is ready for review and post it in **GCP Public Cloud Enablement-CTI-NAM >> Foundations** channel >> **User Stories** File by Oct 3rd

For Reviewers Use Only

Feedback	Feedback will be provided by reviewers here. Reviewers should record feedback as follow. Date – Reviewer Name – Feedback e.g. 2 Oct, 2024 – Mo Alslloom – consider deletion of requested accounts to be added to success criteria.
Status	Review Approved

Domain: GCP Onboarding - User Story 2

Objective	As an application user I need to update the project with approved services/GCP APIs
Acceptance Criteria	Conditions required to be successful, you can think of any function or non-functional criteria here: <ul style="list-style-type: none"> Ability to request for update services/enable GCP API in an existing project Ability to populate approved services to the users per environment Ability to automatically validate for right application information Ability to obtain required governance approvals for the request Solution should update the project with services requested by user
Stakeholders	All Cloud Users
Resourcing	Same resources as user story 1
Milestones	POST MARCH <ul style="list-style-type: none"> Design a project update workflow Build Approvals and validation modules to the workflow Publish Project Update Request API for users using swagger Build and test project update workflow IAM to provide permissions on project to enable APIs
Submitter	Haripriya Jagannathan

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Feedback	
Status	

Domain: GCP Onboarding - User Story 3

Objective	As a cloud engineer, I need to build dashboard for projects so that I can view all projects related metadata and information for support purposes
Acceptance Criteria	<p>Conditions required to be successful, you can think of any function or non-functional criteria here:</p> <ul style="list-style-type: none"> • Ability to view all GCP Projects in a dashboard view • Ability to obtain information on status of any project(active/terminated) • Ability to list owners and projects based on app csi id • API to retrieve all labels relevant to a project
Stakeholders	CTI, All users
Resourcing	Same resources as user story 1
Milestones	<p>POST MARCH</p> <ul style="list-style-type: none"> • Import existing tenant projects to account service database • Build dashboard to list project and project related information • Integration of dashboard and account service to retrieve information • Publish API for labels
Submitter	Haripriya Jagannathan

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Feedback	
Status	

Domain: GCP Onboarding - User Story 4

Objective	As an application user I need a process to request for GCP Project termination.
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Acceptance Criteria	<p>Conditions required to be successful, you can think of any function or non-functional criteria here:</p> <ul style="list-style-type: none"> • Ability to request for termination of a GCP Project • Ability to automatically validate for right application information • Ability to obtain required approvals for the request • Ability to check for status of project termination workflow • Ability to stop any charges incurred on the project • Ability to receive notifications about the request • The solution terminates project, removes all resources and moves it to a non-billable state • Ability to remove all the SA and tear down the resources created on the project • The solution enforces risk and control requirements for production requests
Stakeholders	All Cloud Users
Resourcing	Same as resources in user story 1
Milestones	<p>POST MARCH</p> <ul style="list-style-type: none"> • Define a project termination process for users • Build Approvals and validation modules to the workflow • Publish Project Termination Request API for users using swagger • Build project termination workflow
Submitter	Haripriya Jagannathan

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Feedback	
Status	