



Domain: GCP Artifact Registry – optional improvement

e.g. Public Cloud Accounts: GCP Onboarding

Objective	As an HPC engineer I want to be able to scale up my clusters quickly and reliably. The cluster needs to be efficient at pulling the container images from artifactory
Consideration:	<ul style="list-style-type: none">▪ Artifactory is the on-premises master image repository▪ The complexity and latency of pulling images from on-premises adds complexity▪ The rapid scaling of the clusters causes caches to be ineffectual at scale up
Acceptance Criteria	Conditions required to be successful, you can think of any function or non-functional criteria here: <ul style="list-style-type: none">• The cluster needs to be able to pull an image quickly from the repository• This image needs to be mastered in artifactory but cached in the cloud• The image lifecycle must ensure that an image is removed from the cloud if deleted from artifactory
Stakeholders	XCS
Resourcing	Terraform Module design, build and test – 1 FE x 1 week – foundational version exists Artifactory Cache Lifecycle design, build and test – 1 FE x 1 months Observability – ? – should be no real requirement here Operations – ? – should be no real requirement here CISO - ? – should be no real requirement here Guardrails - ? – model will be a pull model so no additional guardrails required?
Milestones	Describe what can be reasonably delivered by March and any future milestones <ul style="list-style-type: none">• October – Raise RFI for Artifact Registry Cache• November – Design build and test solution• December – Raise RFP – make decision to proceed or not
Submitter	David Butland

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 Alslaoom – consider deletion of requested accounts to be added to success criteria.
Status	Review Approved

Domain: User Story Title

Objective	
Acceptance Criteria	
Stakeholders	



Resourcing	
Milestones	
Submitter	

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Feedback	
Status	