

Exclusive Google Cloud Platform Benefits for Internet2 NET+ Agreement Institutions

Getting Started with GCP Onboarding Package

In 2019, the first year of our Internet2 NET+ GCP offering, we grew our community to more than **20 institutions** benefitting from our NET+ contract.

Based on feedback from our early adopter Internet2 community on the onboarding process, Google is investing in exclusive onboarding services for **all new Internet2 NET+ customers in 2020**. This package will be available for all schools who sign the NET+ terms while our limited funding lasts.

These benefits are an add-on to the core terms available in the contract, including institutional discount, egress waiver, and more. Learn more about these NET+ benefits [here](#).

- ✓ The full package is valued at over \$40,000 in investment from Google.
- ✓ Eligible schools must have signed the Internet2 NET+ GCP contract.
- ✓ Funding for the 2020 offer package is limited; the package will be available only while funding lasts.
- ✓ All of the offers are **included** at no cost to the customer.
- ✓ All customers receive both offer **1** and offer **2**.
- ✓ Customers should then select EITHER offer **3** or offer **4** to complete their onboarding package.
- ✓ To be eligible for offer **3** or offer **4**, customers must demonstrate commitment to at least \$15,000 of GCP spend within 12 months of signing the Internet2 agreement.



1. Comprehensive GCP Training:

A full day of GCP training includes presentations, demonstrations and hands-on labs for the course options below. We require that each training day have at least 25 in-person attendees. This cost will be fully covered by Google.

- **Google Cloud Fundamentals:** Getting Started with GCP, VMs & Networking in the Cloud, Storage in the Cloud, Containers in the Cloud, Applications in the Cloud; or
- **Google Cloud Big Data & Machine Learning:** Intro to GCP, Compute & Storage Fundamentals, Data Analytics in the Cloud, Scaling Data Analysis, Data Processing Architectures

All customers are eligible to take advantage of this offer.



2. Role-based support and services for GCP:

Receive GCP credits back for the equivalent value of up to 2 users' 6-month role-based support costs. This offer is applicable to Development or Production level role-based support (up to \$250/month value). Enterprise support is not eligible.

All customers are eligible to take advantage of this offer.



3. Comprehensive GCP Partner Onboarding:

Over the course of one week, your chosen partner will guide your team through getting started with GCP - with the recommended scope of deliverables outlined below. The programming will be a mix of in-person and virtual hands-on work, and when the week is up, your team will be fully prepared to manage GCP.



To take advantage of our Comprehensive GCP Partner Onboarding, customers must demonstrate a commitment to at least \$15,000 in GCP spend within 12 months of signing the Internet2 agreement. Your chosen partner will work with you on a ramping plan.

Available through Google Partners Burwood, SADA, and Onix, this offering includes all of the below:

Cloud Discovery (Architecture Review)	<ul style="list-style-type: none"> Understand current cloud deployment(s)
Directory Synchronization	<ul style="list-style-type: none"> Identify SSO requirements Determine if Cloud Identity is needed Identify users and groups to be synced Develop on-prem directory sync methodology Implement on-prem directory sync methodology Sync POSIX Fields into Directory (if needed)
Organization Set-up	<ul style="list-style-type: none"> Work with Central IT to define organization administrators and groups (i.e. Research IT) Create or re-use org administrator group for assigning roles at org level Review organizational policy constraints with Central IT Apply organizational policy constraints RBS admin / user onboard for support ticketing (\$500/month credits)

Access Management (IAM)	<ul style="list-style-type: none"> • Create Folders • Work with Central IT to define folder admins and groups • Create groups and roles for folder admins • Apply roles to folders
Security	<ul style="list-style-type: none"> • Enable Cloud Security Command Center (Enable integrations such as Cloud Armor, Event Threat Detection, Forsetti, etc) • Configure StackDriver log forwarding for SIEM • Review CSCC findings • Recommend and implement changes as appropriate
Cloud Networking Design	<ul style="list-style-type: none"> • Are there Hybrid Cloud Networking requirements? (Avoid overlaps) • Discovery • Design & Recommendations
Billing design and implementation for I2	<ul style="list-style-type: none"> • Workshops • Implementation (Creation billing accounts, quota planning, labelling for reporting, alerts, BigQuery export, Invoicing)



4. Researcher support for GCP

Your institution can receive 40 research consultation hours to support your researchers in getting started with GCP. In addition to \$5,000+ in available research credits, gain access to technical subject matter experts on Google Cloud Platform through a certified Google partner, who can consult on set-up, execution, and/or any skill building necessary to accomplish your project goals.



Available through Google Partners Burwood, Onix, and SADA. **To be eligible for our Researcher Support offering, the overall institution must demonstrate a commitment of at least \$15,000 in GCP spend (after credits consumption), which can include multiple researcher workloads. Your chosen partner will work with you to outline a ramping plan.**

The team at your university managing research computing or cloud computing has control of allocating these hours to researchers over 3 months. Here's our suggested framework for allocating the 40 hours across 3 researchers:

- **2 hours:** Background Analysis: Project goals and computing needs
- **5 hours:** Education:
 - Research reference architecture
 - Best practices for researchers
 - Deep dive into key areas - based on information received during Background Analysis - topics can include: training on how to access GPUs and TPUs, running SLURM jobs, high CPU & high memory workloads
- **Remaining hours:** Project setup and ongoing support:
 - Advice & assistance from SMEs
 - Office hours assistance