

# Exclusive Google Cloud Platform Benefits for Internet2 NET+ Agreement Institutions

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

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



## 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