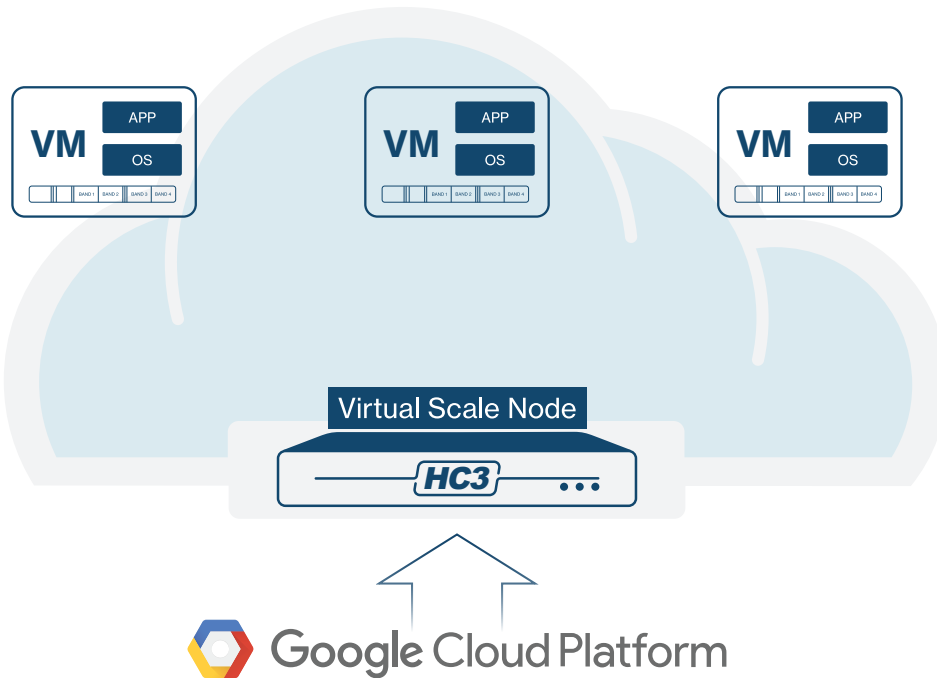


## Introduction

Extending the datacenter into the cloud to ensure business continuity has gotten a whole lot easier. By combining the simple, scalable, and highly available infrastructure of HC3 hyperconverged private cloud with the elasticity of Google Cloud Platform, Scale Computing and Google have re-imagined hybrid cloud for backup and disaster recovery.

## HC3 Hyperconverged Private Cloud

For on-prem infrastructure, no solution is easier to implement and manage than HC3 hyperconverged infrastructure. HC3 software and appliances join together seamlessly to create a scalable, highly available virtualization platform. The automated management of server resources and storage means that the management interface is as simple (or simpler) than any public or private cloud environment. The ease of implementation and management not only provides a reliable, high performance, local infrastructure, but also reduces the cost of ownership over traditional virtualization and private cloud solutions.



## Google Cloud Platform - Virtual HC3 Appliance

Using nested virtualization, Scale is now able to run a fully virtualized HC3 appliance within the Google cloud. Just like a physical HC3 node, this virtual HC3 appliance is able to act as a target for the built in HC3 replication feature as well as run virtual machines when needed for recovery. And because it's the same HC3 software, it is managed using the same automation and management features of HC3 on-prem.

## HC3 Cloud Unity DRaaS

As a service, on-prem HC3 virtual machines are replicated to the cloud over a secure network connection. Using a passive HC3 instance on Google Cloud Platform, VMs are kept in a passive, low resource state until needed for failover. When a disaster is declared, the HC3 instance is expanded with more compute resources and VMs are failed over. The built in Layer 2 (L2) network tunnel allows users to easily reconnect across the same LAN connections to the VMs now running in the cloud. When on-prem assets are brought back online, replication and recovery to the on-prem infrastructure is virtually seamless.

## Features and Benefits

- DRaaS with full failover capabilities
- Affordable storage with access to compute for running VMs
- Seamless integration within HC3 user interface
- Built-in secure networking (No VPN required)
  - Layer 2 tunnel for accessing VMs running on Google cloud
- Full DR plan for those who lack
  - Secondary Site in different region
  - IT resources at remote site
- Provides a path to “the Cloud”
- Simple, hands-off DR
- Flexible sizing and configurations
- Convenient monthly billing

## DRaaS Service Includes:

- 6 days of Active DR Mode testing and DR failover
- Run Book outlining DR procedures
- 1 Runbook failover test and 1 separate Declaration
- ScaleCare Support

## Requirements

- Requires new or existing on-prem HC3 system
- Requires purchase of Scale Computing DR Planning Service
- Requires internet connection with at least 10Mbps available bandwidth for replication traffic

ATTRIBUTES		HC3 CLOUD UNITY - DRaaS					
Storage (Usable TB)		2	4	8	16	32	64
Passive Mode	vCPUs	2					
	RAM	13					
Active Mode <i>Compute Resources (6 days included/yr)</i>	vCPUs	16	32	64			
	RAM	124	252	416			

\* Each includes network egress at 12.5% of usable storage annually. Unlimited network ingress is included

## Summary

HC3 includes a robust set of backup and disaster recovery options and HC3 Cloud Unity DRaaS is simply the newest and most advanced way of extending HC3 disaster recovery into the cloud. If your organization could benefit from simplicity, scalability, and the peace of mind that cloud-based disaster recovery provides, contact us for more information and pricing on HC3 Cloud Unity DRaaS today.



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