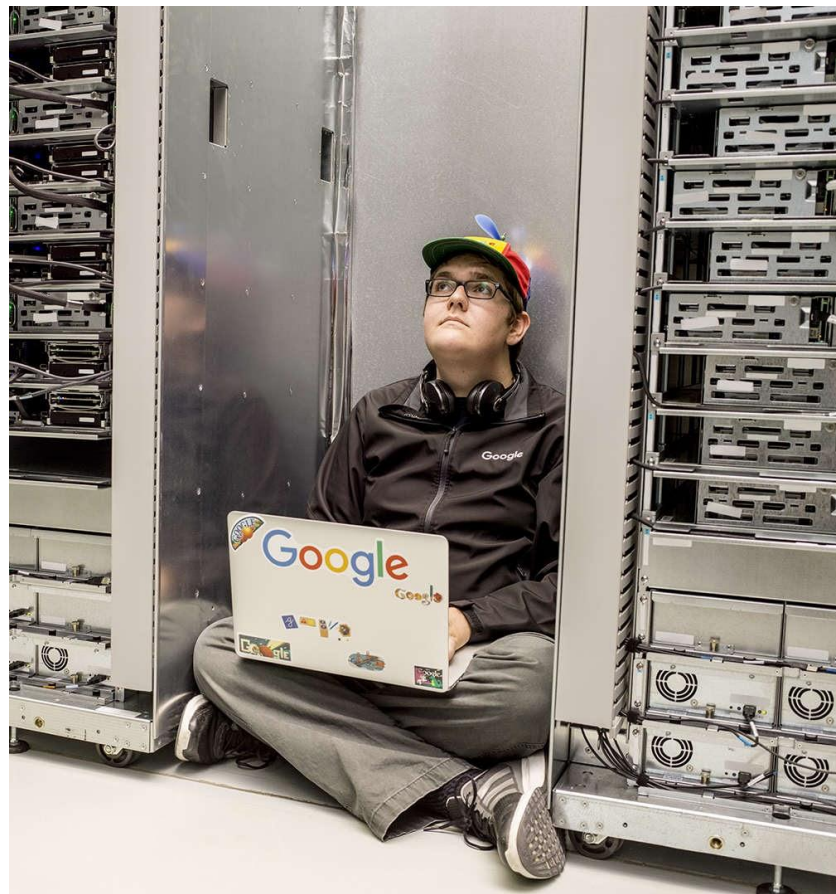




# VMware-aaS Google Cloud Platform

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# Agenda



Qu'est-ce que Google Cloud Platform (GCP) ?

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Aperçu de VMware Engine sur GCP

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VMware Engine sur GCP en action sur un tableau blanc ! ;)

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Q&A + ressources

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# Google

Google Search

I'm Feeling Lucky



# Google



Google Search

I'm Feeling Lucky

# Solutions GCP

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## Ingest

|                   |                                |
|-------------------|--------------------------------|
| App Engine        | Pub/Sub                        |
| Compute Engine    | Logging                        |
| Kubernetes Engine | Storage Transfer Service       |
| VMware Engine     | BigQuery Data Transfer Service |
| Cloud Functions   | Transfer Appliance             |
| Cloud Run         |                                |

## Storage

|                 |                            |
|-----------------|----------------------------|
| Cloud Storage   | BigQuery                   |
| Cloud SQL       | Cloud Storage for Firebase |
| Datastore       | Cloud Firestore            |
| Cloud Bigtable  | Cloud Spanner              |
| Cloud Filestore |                            |

## Process & analyze

|                  |                        |
|------------------|------------------------|
| Dataflow         | Natural Language API   |
| Dataproc         | Dataprep               |
| Cloud Composer   | Cloud DLP              |
| BigQuery         | Video Intelligence API |
| AI Platform      | Translate API          |
| Cloud Vision API | Cloud Speech API       |

## Explore & visualize

|                     |
|---------------------|
| Looker              |
| Datalab             |
| Data Studio         |
| Big Query BI Engine |
| Sheets              |
| Data Catalog        |

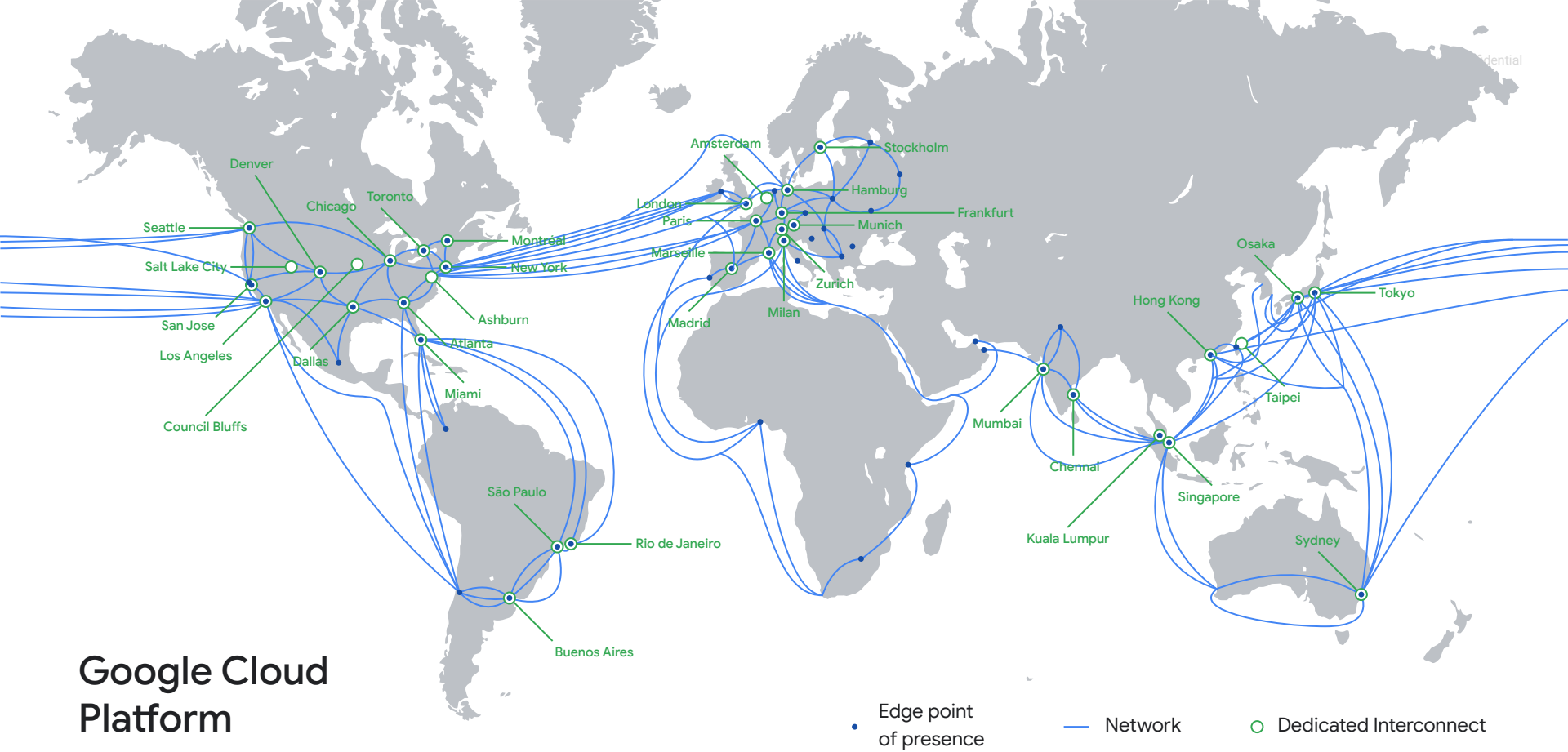
|                |                    |                         |             |                      |
|----------------|--------------------|-------------------------|-------------|----------------------|
| Billing        | Cloud Interconnect | Cloud NAT               | VPC         | Chronicle            |
| Cloud DNS      | Cloud VPN          | IAM                     | Operations  | Cloud Key Management |
| Cloud Identity | Load balancers     | Security Command Center | Cloud Armor | Cloud CDN            |

## Fondation

|                    |             |
|--------------------|-------------|
| Cloud Build        | IoT Core    |
| Container Registry | API Gateway |
| Artifact Registry  | Endpoints   |

## Tools





PoPs, network, and Dedicated Interconnect

# Use cases

## Datacenter Lift-and-Shift / Extension



Datacenter  
Decommissioning /  
Consolidation

Footprint expansion /  
On-demand capacity

Test/Dev

## Disaster recovery



New DR

Replace existing DR

Complement existing  
DR

## Private, Performance Intensive



Real-time Databases,  
Transactional  
workload

Virtual Desktops (VDI)  
& Design Apps

Data Analytics and  
Warehousing

## Application Modernization



Unified Management &  
DevOps

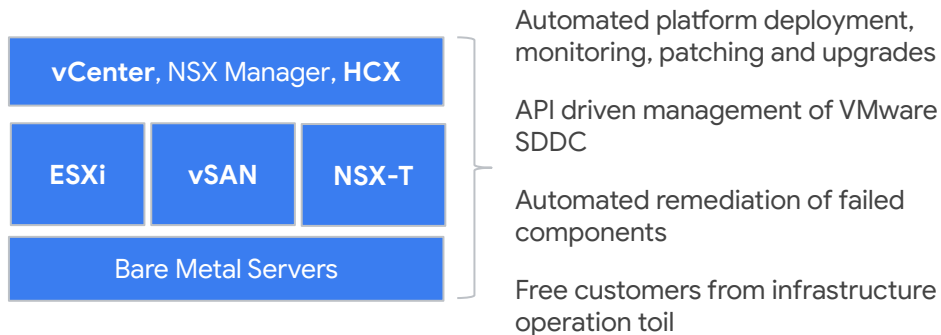
Access to Cloud  
Services

Hybrid applications

# What you get

Sold on the basis of hyperconverged nodes

| Model   | ve1-standard-72  |
|---------|--|
| CPU     | 2.6 GHz, 3.9 GHz turbo (x2) Cascade Lake<br>36 Cores, 72 Hyper-Threads |
| Memory  | 768 GB   |
| Storage | ~20TB All-Flash NVMe Distributed vSAN                                  |
| Network | 100 Gbps, non-oversubscribed<br>Fully Redundant Network Design         |



Built-in **VPC Cloud Networking**

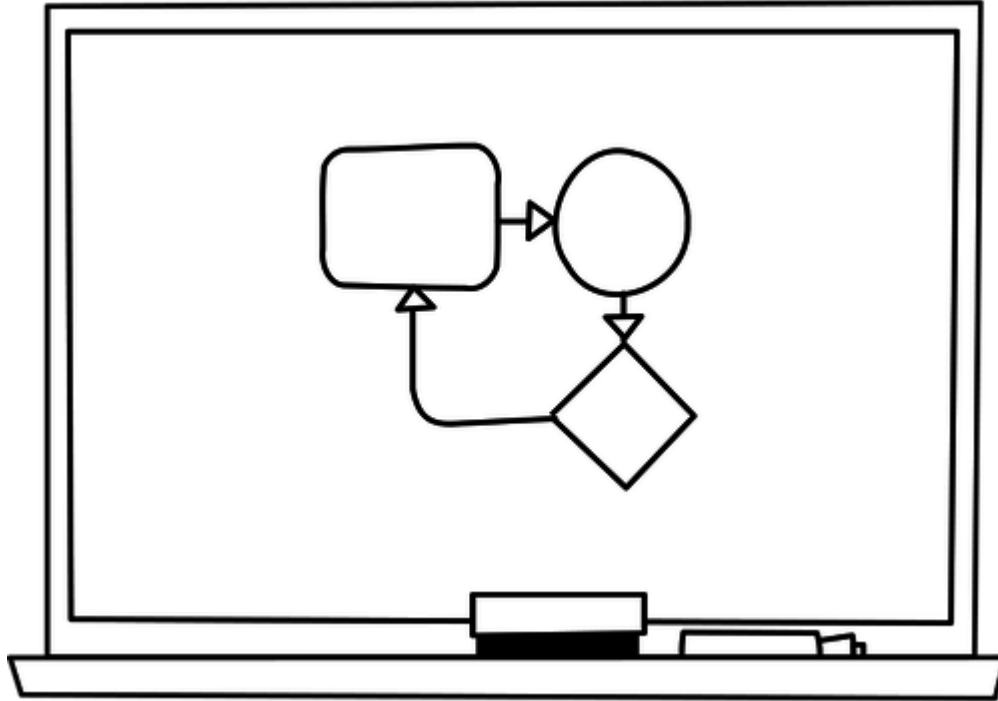
**Direct, High-Speed Access** to all Google Cloud Services such as **BigQuery, Anthos, Cloud Operations, Cloud Storage** and others

End-to-End **Google Cloud Support**



# VMware Engine en action ! ;)

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# Ressources importantes

- Lien de cette presentation
  - <https://bit.ly/3neQxUr>
- Documentation
  - <https://cloud.google.com/vmware-engine>
- VMware HOL sur GCVE
  - <https://www.vmwarelearningplatform.com/HOL/catalogs/lab/8843>
- Accelerate Cloud Transformation with Google Cloud VMware Engine
  - <https://cloud.withgoogle.com/next/sf/sessions?session=ARC103#industry-insights>
- A VM Migration Story with Mitel
  - <https://inthecloud.withgoogle.com/vm-migration-mitel-20/register.html>
- VPC overview
  - <https://cloud.google.com/vpc/docs/vpc>
- Creating and managing projects
  - <https://cloud.google.com/resource-manager/docs/creating-managing-projects>

# GDG Cloud Québec - 26 novembre

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<https://gdg.community.dev/e/mgfxew/>





Merci