

# GEANT IaaS Framework

## Interoute Virtual Data Centre (VDC) IaaS Summary



## Version History

Version	Date	Title	Author
1	02 October 2017	GEANT IaaS Framework Interoute Virtual Data Centre (VDC) IaaS Summary	

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violation of the Acceptable Use Policy.

*Costs associated with dealing with the breach*

# Interoute Virtual Data Centre (VDC) IaaS

## 1.1 Introduction

Interoute Virtual Data Centre (VDC) is an automated and scalable Infrastructure as a Service (IaaS) cloud platform providing compute, network and storage. VDC is built on its own global fibre optic network owned and managed by Interoute. A smart cloud built on a smart network; because of this VDC delivers some key benefits:

- Know where your IaaS resources are hosted: VDC allows customer-defined location where IaaS service resources will be deployed, choosing from a range of secure data centres (VDC Zones), each interconnected by Interoute's secure, private network.
- Low-latency, high throughput and intelligent software defined networking with no data transport cost. This enables scalable, distributed architectures that span public cloud, traditional in-house IT and applications running on VDC, with predictable service levels and lower cost
- Complies with data residency regulations via data centres in 17 zones across the globe. This geographic distribution also means compute on VDC is never far from where the service is being consumed

VDC bridges traditional slow but stable IT, commodity public cloud and fast, new, adaptable IT services that tightly align with organisations digitally transforming their business. All this without the usual cloud-related architectural, billing, security, service level or legal challenges.

## 1.2 Service details

Document	Key Contents	Link
Service Catalogue	Virtual Data Centre (VDC) description of compute, storage, network, licencing and support service features.	<a href="https://cloudstore.interoute.com/knowledge-centre/library/vdc-datasheet-vdc20">https://cloudstore.interoute.com/knowledge-centre/library/vdc-datasheet-vdc20</a>
Service Levels	SLA parameters for each of the VDC product features.	<a href="http://www.interoute.com/sites/default/files/basic-page/file-attachments/VDC%20SLA%20Annex%20%20Eng%20-%20v2.3%20-%2026.10.2016.pdf">http://www.interoute.com/sites/default/files/basic-page/file-attachments/VDC%20SLA%20Annex%20%20Eng%20-%20v2.3%20-%2026.10.2016.pdf</a>
Operation Support Guide	Comprehensive service support and assurance information	<a href="https://cloudstore.interoute.com/knowledge-centre/library/vdc-datasheet-support">https://cloudstore.interoute.com/knowledge-centre/library/vdc-datasheet-support</a>
Operational Change Management	Guide to service operations, Interoute and customer responsibilities, incident management, and change management	<p>Managed VDC Option:</p> <p><a href="http://www.interoute.com/sites/default/files/basic-page/file-attachments/VDC%20Managed%20-%20Operations%20Annex%20%E2%80%93%20Eng%20%E2%80%93%20v%201.2%20-%2030.09.2015.pdf">http://www.interoute.com/sites/default/files/basic-page/file-attachments/VDC%20Managed%20-%20Operations%20Annex%20%E2%80%93%20Eng%20%E2%80%93%20v%201.2%20-%2030.09.2015.pdf</a></p> <p>Self-Care VDC Option:</p> <p><a href="http://www.interoute.com/sites/default/files/basic-page/file-attachments/VDC%20Self-Care%20-%20Operations%20Annex%20%20%E2%80%93%200Eng%20%E2%80%93%20v%201.1%20-%2007.08.15.pdf">http://www.interoute.com/sites/default/files/basic-page/file-attachments/VDC%20Self-Care%20-%20Operations%20Annex%20%20%E2%80%93%200Eng%20%E2%80%93%20v%201.1%20-%2007.08.15.pdf</a></p>
“How To” guide	Practical how-to guide for configuring Virtual Data Centre (VDC) compute, storage, network, licencing, APIs, and support service features.	<a href="https://cloudstore.interoute.com/knowledge-centre/library/vdc-v2#">https://cloudstore.interoute.com/knowledge-centre/library/vdc-v2#</a>
Legal	Legal definitions and VDC service schedule terms	<p>Service Schedule Terms</p> <p><a href="http://www.interoute.com/sites/default/files/basic-page/file-attachments/Schedule%20N%20%E2%80%93%20Additional%20Terms%20for%20Virtual%20Data%20Centre%20Service%20%E2%80%93%20Eng%20-%20v5.2%20-%202007.08.15.pdf">http://www.interoute.com/sites/default/files/basic-page/file-attachments/Schedule%20N%20%E2%80%93%20Additional%20Terms%20for%20Virtual%20Data%20Centre%20Service%20%E2%80%93%20Eng%20-%20v5.2%20-%202007.08.15.pdf</a></p> <p>Definitions</p> <p><a href="http://www.interoute.com/sites/default/files/basic-page/file-attachments/VDC%20Definitions%20Annex%20%E2%80%93%20Eng%20-%20v1.6%20-%2030.09.2015.pdf">http://www.interoute.com/sites/default/files/basic-page/file-attachments/VDC%20Definitions%20Annex%20%E2%80%93%20Eng%20-%20v1.6%20-%2030.09.2015.pdf</a></p>



## Free trial

Interoute offers a standard free trial of the Virtual Data Centre (VDC) IaaS product. New customers need to fill out a contact form which consists of basic information e.g. company name etc. The free trial is available to all prospective users from applicable NRENs or Institutions. The number of users that can sign up for a trial from the same domain (@company.com) is not limited. An automated email will then be sent to the customer for email verification purposes. The potential customer will then have the option to login. An existing customer would skip the contact form step as this has been previously performed. Both new and existing customers would both need to fill out a request form confirming their interest. If they are a new customer, this interest will send an automated email to the Central Account Team. The trial provides up to 8 vCPU, 16 GB vRAM, and 480 GB storage and customers can select VDC zone so that it is guaranteed data centre where the virtual machine is operating from.

The trial can be set-up directly at <http://cloudstore.interoute.com/main/TryInterouteVDCFREE>