

# Virtual Data Centre – IaaS

Driving organisational agility and operational resiliency



Exponential-e provides a Virtual Data Centre (VDC) IaaS platform that allows you to move core IT infrastructure workloads to the Cloud, relieving you of operational burden and delivering maximum operational resiliency. Drawing on our years of experience in Cloud migration, we provide hands-on guidance as you move services from your on-premise and hosted locations, empowering you to choose the right Cloud strategy, fully aligned with your business objectives.

## Solution overview:

A complete Virtual Data Centre solution, providing compute, memory, and storage resources over the Cloud, driving organisational agility, and simplifying scalability, while reducing IT expenditure.

- Virtual Data Centre on demand via the Cloud from two availability Zones, hosted in Tier III-compliant UK data centres
- High-performance, all-flash storage (encrypted at rest) across the Cloud Platform ensures maximum performance for a diverse range of applications
- Multi-tenant IaaS Cloud platform for hosting virtual machines through a consumption-based model
- Simplified self-service portal enables you to easily scale resources providing the flexibility needed to resolve peak capacity issues and manage growth
- The ability to seamlessly integrate an array of Public Cloud services, as required



## Features & Benefits:



### End-to-end security

Cloud infrastructure, 'virtually' built behind your Firewall through network integration with custom VM/app security policies, mitigating data security and privacy issues.



### Speed and performance

Guaranteed IOPS and a low contention ratio, providing enhanced performance and speed



### Reservation

Guaranteed Cloud resources, delivering superior performance for compute-heavy voice, video, or intensive database applications that require higher processing power



### Flexibility

Our PAYG plan allows resources to be scaled up or down, as required, combined with the ability to leverage integration with our Cloud Management Platform (CMP) and migrate resources to Public Cloud services for a definite period of time, ensuring unnecessary costs are eliminated



### Tailored Hybrid Cloud strategy

A solution-based approach paves the way for a true Hybrid Cloud strategy, enabling us to design and deliver any type of integration into your network



### Private network access

VDC is directly integrated with Exponential-e's Software Defined Network (SDN) platform, enabling flexible workload placement to achieve maximum availability and provide customers access to their VDC services across an end-to-end private network is unrivalled.

## Working with Exponential-e

As a true Hybrid Cloud partner, we work with leading Public Cloud providers to maximise the flexibility we can provide you, with services underpinned by our capabilities in private networking, WAN, SDN/SD-WAN and Cyber Security – all managed under a single SLA.

With wide experience in delivering VDC solutions, our dedicated Cloud Solution Consultants, Delivery Experts and 24x7 UK Support Desk ensure minimal risk.

### Evaluation

We help you analyse which solution meets your requirement before purchasing VDC, by conducting a Cloud Readiness Assessment

### Implementation and Migration

We work with you to migrate your environments to our VDC, to ensure minimal effort and cost.

### Planning

We help design your entire ecosystem, in line with your short- and long-term business goals

### Management

We provide expert Managed Services with direct cross-platform management via our CMP integration, enabling effortless management of on-premise, VDC, Private Cloud and Azure environments

### Connectivity

You can connect networks directly to our private network, delivering the kind of speed typically offered by on-premise hosting

## About Exponential-e

Innovation is at the core of Exponential-e, and has been since our inception in 2002. We wholly own our super-fast Network, and our fusion of complementary technologies - a carrier-class Network and Cloud infrastructure - means we can deliver enterprise applications at wire speed for a superior end-user experience. We deliver scalable, dynamic and bespoke solutions. Renowned for our responsiveness, coupled with our customer centric approach, and a UK based 24 / 7 x 365 service desk, means we offer unrivalled expertise.

To find out more about Exponential-e visit [www.exponential-e.com](http://www.exponential-e.com) or email [info@exponential-e.com](mailto:info@exponential-e.com)



Telephone

+44 (0) 845 470 4001



Visit the website

[www.exponential-e.com](http://www.exponential-e.com)



ISO 9001  
Quality Management

ISO 27001  
Information Security Management

ISO/IEC 20000-1  
Information Technology Service Management

CSA STAR  
Cloud Security

ISO 22301  
Business Continuity Management

ISO 50001  
Energy Management

ISO 14001  
Environmental Management

BS 10012  
Data Protection

ISO 27017  
Security Controls for Cloud Services