

INFRASTRUCTURE AS A SERVICE



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CUSTOMER CHALLENGES

Many organisations today face CapEx restrictions and are under pressure to consider Cloud-based infrastructure options.

On-prem IT infrastructure needs to be maintained and refreshed on an ongoing basis, calling for ongoing CapEx expenditure.

On-prem solutions often do not scale easily or the environment could be oversized, leading to inefficient use capacity.

THE SOLUTION



1 Infrastructure-as-a-Service (IaaS) provides clients and partners the ability to subscribe to a scalable network of connected virtual machines (VMs) and Cloud servers that host applications and data resources.

2 Dynamic Load Balancing: Distribute resources equally across hypervisors to maximise VMs' performance.

3 Fast Deployment: Provision and run VMs in the Cloud in minutes.

4 Live Migration: Automatically migrate VMs across the Cloud without interruptions.

5 High Cost Savings: Save money and energy by consolidating all your servers in the Cloud.

ADVANTAGES

IaaS is advantageous to companies in scenarios where scalability and quick provisioning are key. In other words, organisations experiencing rapid growth but lacking the capital to invest in hardware, are great candidates for IaaS models. IaaS can also be beneficial to companies with steady application workloads that simply want to offload some of the routine operations and maintenance involved in managing infrastructure.

- **PAY FOR WHAT YOU USE:**

Fees are calculated via usage-based metrics.

- **REDUCE CAPITAL EXPENDITURES:**

IaaS is typically a monthly operational expense.

- **DYNAMICALLY SCALE:**

Rapidly add capacity in peak times and scale down as needed.

- **INCREASE SECURITY:**

IaaS providers invest heavily in security technology and expertise.

- **FUTURE-PROOF:**

Access to state-of-the-art data centre, hardware and operating systems.

- **REALLOCATE IT RESOURCES:**

Free up IT staff for higher value projects.

- **REDUCE DOWNTIME:**

IaaS enables instant recovery from outages.

- **BOOST SPEED:**

Developers can begin projects once IaaS machines are provisioned.

- **ENABLE INNOVATION:**

Add new capabilities and leverage application programming interfaces.

- **LEVEL THE PLAYING FIELD:**

Small and medium-sized businesses can compete with much larger firms.

