

IaaS [INFRASTRUCTURE AS A SERVICE]

WHAT IS IaaS?

Centerprise has developed a Public Cloud offering that allows customers to create Infrastructure-as-a-Service (IaaS) workloads that look and feel the same as those built and managed in their own datacentres today. The Centerprise IaaS solution delivered from our CiCloud platform is true Public Cloud that can be scaled up or down directly in line with the customer needs. IaaS can be purchased via Purchase Orders, predefined upfront payments, or through credit cards, all with simple, transparent and predictable billing; paying for what is needed and used.

FEATURES AND BENEFITS



WHAT YOU NEED TO KNOW

- CiCloud is hosted in the Crown Hosting Datacentre that will be familiar to the public sector and eliminating objections about data sovereignty.
- Familiar tools, such as vCentre, can be used with CiCloud in the same way that they are used for on-premise platforms today.
- Billing is simple, transparent and predictable, with no hidden costs. This makes it easier for public sector organisations to budget and procure.
- The operating systems include Unix and Windows as well as VMware and KVM hypervisors.
- IaaS allows the customer total flexibility over the workloads that they deploy within CiCloud.



DIFFERENTIATION

- CiCloud IaaS has no set VM sizing, offering users full control over their environment, ensuring they only consume what they need.
- CiCloud IaaS offers the flexibility of both multi-tenanted public cloud and dedicated resources for virtual private cloud.
- CiCloud IaaS enables users to provision resources using the tools they are familiar with - no upskilling is required.
- CiCloud delivers simplified, transparent, and predictable billing.
- CiCloud IaaS is based on open standards architecture, which means no vendor lock-in – users can off-board their applications and data as easily as they can on-board.
- Centerprise Account Management is a person, not a faceless portal.



WHY SHOULD CUSTOMERS CARE

Many customers have workloads that are either best deployed from the Cloud because of their ubiquitous nature, or because they are transitory and non-persistent in nature.

The choice of platform for cloud native environments has been largely limited to the large Hyperscalers, which exposes customers to the risk of vendor lock-in as the effective delivery of their workloads becomes increasingly dependent on the Hyperscaler's 'technology wrap'. Non-native workloads traditionally need to be re-architected to be moved to a Hyperscaler's public cloud. The threat of technology lock-in, the need to re-architect applications and the cost vagaries associated with the Hyperscalers has led to slow adoption of the cloud model.

Customers often over provision resources within their hosting environment to deal with peaks of demand. Although there are on-premise solutions such as Azure Stack and Outpost that purport to address this need through a consumption model, none of these deliver the true flexibility and agility of the Public Cloud, certainly in respect to only paying for what is needed, at a very granular level. Centerprise IaaS allows customers to "burst" (cloud native and non-cloud native) workloads into the Cloud, with total clarity of costs, at rates that have been shown to be less than the Hyperscalers and using tools that are very familiar to all IT departments.



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Sources: hpe.com, CloudSigma, Veeam, VMware

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