

The ThinkOn Difference

Same old problem? Maybe it's time for a new solution.

When it comes to solving problems, the other guys think the same, offering similar solutions to the same business problems. At ThinkOn, we thrive on thinking different—and our innovation is your advantage. Here's how we “stack up”.

FEATURES			
Compute Power	Removes the rigidity of catalogued VMs from other offerings by providing users with CPU and RAM to build configurable VMs based on their needs at any given point in time.	Autonomy and control over VM configurability, data residency, and cloud resources for AWS EC2 users.	Less autonomy and configurability allowance, as virtual hard disk is pre-configured by a third-party. You must anticipate your storage and compute needs.
Storage	Includes a variety of storage options: <ul style="list-style-type: none"> • Tiered block storage • Object storage with immutability • Standard object storage • Multi-geo object storage 	Includes persistent and temporary storage solutions, allocated once an instance is created, then destroyed. Available storage solutions: <ul style="list-style-type: none"> • Buckets • Block storage • File system storage • S3 object storage • Archival storage with Glacier • CloudFront • AWS Import/Export 	Includes persistent and temporary storage on Azure D drive. Available storage solutions: <ul style="list-style-type: none"> • Block storage through Page Blobs • Object Storage – Block Blobs and Files • Archiving and Backup storage – site recovery, Import Export, and Azure Backup • Containers
Networking	ThinkOn's Virtual Network provides the ability to create isolated networks—in addition to subnets, routes, public and private IP addresses, and network gateways.	Amazon offers Virtual Private Cloud (VPC) that provides the ability to create isolated networks—in addition to subnets, routes, private IP address ranges, and network gateways.	Microsoft offers Virtual Network (VNET) that provides the ability to create isolated networks—in addition to subnets, routes, private IP address ranges, and network gateways.
Connection Type	You can consume resources via the internet, over an encrypted VPN tunnel, dedicated lease line or point-to-point circuit and MPLS connectivity. We also support Megaport (for cloud interconnectivity).	Direct Connect: Establishes a dedicated network connection between one of Amazon's Direct Connect locations and the customer's data center or colocation environment. Data transfer over public Internet is not permitted.	ExpressRoute: Similar to Direct Connect in AWS. Establishes private network Azure data centers and infrastructure on your premises or in a colocation environment.
Database	(1) Database-as-a-Service – supports the ability to implement a database in both SQL and NoSQL (similar to AWS & Azure RDS offering) (2) Hosted DB on VM (legacy service)	Ability to implement a database in both SQL and NoSQL using RDS and Dynamo DB, respectively.	Ability to implement a database in both SQL and NoSQL using MySQL and Cosmos DB, respectively.
Data Migration	(1) ThinkOn Migration Appliance – 1 TB/hr. Highly efficient data seeding option. (2) Leverage Zerto to migrate DB VMs to the cloud.	AWS DMS (Database migration service) uses Snowball Edge and S3 100 GB/second.	Azure Data Box – 100 TB per order Azure Data Box Disk – 40 TB per order Azure Data Box Heavy – 1 PB per order
Bare Metal	Dedicated bare metal offering allows clients to build private and hybrid clouds from scratch on leased hardware.	Hardware not offered. *Provides dedicated compute services only.	Hardware not offered. *Provides dedicated compute services only.

Colocation Support	Edge Connect provides the ability to bypass the multi-hop process of hyper-scale clouds and extend your infrastructure into our virtual data center using a direct connection (cross-connect), integrating your equipment into our cloud footprint.	Direct connection not offered. Edge computing is a two-hop approach, putting the burden of connecting on-premises hardware to edge computing nodes on the user, before connecting to the broader AWS infrastructure.	Direct connection not offered. Like AWS, Azure requires a two-hop approach to connect to the hyper-scale cloud and will not allow you to host your equipment.
Public Sector	The only Canadian CSP compliant to sell to the Government of Canada, and guarantee data sovereignty. Not subject to the Cloud Act.	American CSP and data is subject to the Cloud Act.	American CSP and data is subject to the Cloud Act.
Pricing & Billing	<p>Predictable monthly billing. Variable prices apply only to resources used beyond the contracted amounts.</p> <p>No charges on HTTP, Get and/or Put Requests, or data ingress or egress fees.</p> <p>No IO charges. No transactional charges. Free trials available.</p> <p>Multiple pricing models offered:</p> <ul style="list-style-type: none"> • Pay-as-you-go • Month-to-month • Fixed-term retention 	<p>Includes transactional, ingress, egress, Gets & Puts, and IO fees, making monthly bill unpredictable. Variable bill totals due to sliding scale pricing model. Pay-as-you-go-model billed per hour.</p> <p>Pricing models offered:</p> <ul style="list-style-type: none"> • Pay-as-you-go • Fixed-term reserve • Spot (bidding for available space) 	<p>Includes transactional, ingress, egress, Gets & Puts, and IO fees, making monthly bill unpredictable. Flat rate billing. More exact pricing model (when compared to AWS).</p> <p>Pay-as-you-go model billed per minute.</p> <p>Offers short-term commitments with option for monthly or pre-paid billing. Free trials available.</p>
Security & Compliance	All public facing services support RBAC and are protected by SSL certificate AES-256. Compliance certifications for SOC 2 Type 2, ISO 27001 / 27017 / 27018, and others. Approved and certified to manage, process, and store Government of Canada workloads. The only cloud that supports fully homomorphic encryption.	Permission control feature provides security using defined roles. Long, successful history with government business. Compliance offering backed with certifications in ITAR, DISA, HIPAA, CIIS, FIPS, and more.	Security is provided by offering account level permissions. Very comparable to AWS, with more than 50 compliant offerings and the same security permissions protocols to access government-level clouds.
Licensing	Purchase licenses through us, bring-your-own (provided you have a mobility agreement with the vendor), or consume licenses in the ThinkOn Cloud.	Purchase licenses or bring-your-own, as part of partnership with Microsoft. For BYOL eligibility all applications must be covered by Software Assurance and deemed eligible by AWS.	Azure Hybrid Benefit – allows mobility of on-premises Software Assurance-enabled Windows Server and SQL Server licenses, as well as RedHat and SUSE Linux subscriptions on Azure. User must determine if servers fit requirements for mobility to avoid extra charges.
Hybrid Cloud	<p>True hybrid design:</p> <p>Seamlessly manage on-premises or multi-tenant cloud infrastructure using the same tools.</p> <p>Core services can be deployed within customer-owned data centers.</p>	<p>Fairly new in the hybrid space with edge computing technology powered by Snowball Edge and Outposts targeting data between on-premises and public cloud.</p> <p>Predominantly positioned as a public cloud service provider.</p>	<p>More robust hybrid cloud offering and support for hybrid cloud services stack.</p> <p>Apps can be built for the Azure cloud and deployed either on Microsoft cloud or within your own data center without rewriting any code.</p>

Get started with ThinkOn

Contact us to find the right solution for your business objectives.

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