Rate card: prior to 1 September 2018

NTT Virtual Private Cloud

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1. Introduction

NTT Virtual Private Cloud pricing offers unrivalled value and flexibility with no vendor lock-in. Whether you are a developer, small business or a multinational corporation, you'll enjoy the enterprise-class virtual private cloud features that you can consume globally.

With flexible pricing options, we provide cloud computing services and solutions to fit any budget and address the most demanding IT needs and application workload requirements globally.

Unlike other cloud offerings, NTT allows you to customize the vCPU, RAM and storage for each server on the fly. You can adjust the vCPU and RAM and add additional storage to any server you have deployed within our cloud, at any time.

In addition, NTT only bills you for vCPU and RAM usage when your server is actually running. For servers that are in a non-running state (stopped), you only pay for the other resources you are still using, such as storage. If you delete a server, you stop paying for it.

2. Pricing elements and explanations

The following is a detailed explanation of each of the pricing elements and how consumption is measured:

- **CPU hours:** NTT bills for each hour that a vCPU associated with a server is running. For example, a 2 vCPU server running for 2 hours will generate 4 vCPU hours of usage. At the end of the day, NTT totals the vCPU hours generated by all your cloud servers in a given data center and rounds up to the next integer on a daily basis.
    - Two vCPU classes are offered in MCP 2.0 locations, namely Standard and High performance. These are reported separately and have different hourly tariffs.

- **RAM hours:** NTT bills for each hour that a GB of RAM associated with a server is running. For example, a 2 GB RAM server running for 2 hours will generate 4 RAM hours of usage. At the end of the day, NTT totals the RAM hours generated by all of your cloud servers in a given data center and rounds up to the next integer on a daily basis.

- **Storage hours:** NTT bills for each hour that a GB of storage is associated with a server or client image (regardless of whether or not it's actually running).

   For example, a 10 GB storage server deployed for four hours will generate 40 storage hours regardless of whether it's running. At the end of the day, NTT totals the storage hours generated by all of your cloud servers and client images in a given data center and rounds up to the next integer on a daily basis.

- **IOPS hours:** NTT accrues usage and bills for IOPS hours for provisioned IOPS disk speeds. IOPS hours are calculated as the total amount of IOPS x the hours deployed.

- **Cloud server snapshots hours:** NTT bills for each hour that a server is enabled for cloud server snapshots, based on the total allocated storage capacity of the server.

   For example, a 10 GB storage server enabled for cloud server snapshots for four hours will generate 40 cloud server snapshots hours regardless of whether it's running. At the end of the day, NTT totals the cloud server snapshots hours generated by all your cloud servers in a given data center and rounds up to the next integer on a daily basis. The snapshots usage hours accrual methodology for the Essential Snapshots Plan and Advanced Snapshots plan is the same, but the billing rates differ.

- **Cloud networks (MCP 1.0):** NTT allows each client to deploy one or more cloud networks (VLANs), protected by their own unique firewall, load balancer, and at least two public IP addresses. One network (VLAN) is included per month, so long as there is vCPU or RAM usage incurred during the month. Additional deployed VLANs will incur hourly rates.

- **Cloud network domains and VLANs (MCP 2.0):** NTT allows each client to deploy one or more cloud network domain. Once a network domain is established the client can add up to 30 VLANs per network domain. All Network features and functionality, including firewall and load balancing capabilities can be provisioned on the network domain. One VLAN is included with each network domain purchased. Additional deployed VLANs will incur hourly rates.

- **Additional public IP addresses:** NTT allows clients to add additional IP addresses to their cloud networks in blocks of at least two public IP addresses. Clients are charged for each additional public IP address added to a cloud network, regardless of whether that public IP address is in use. However, there is no charge for the public IP addresses that come pre-assigned with each cloud network.

- **Sub-administrator:** NTT Cloud provides the primary administrative account at no charge, and allows each client to create additional user accounts called sub-administrators.

- **Software units:** Software units are only incurred when a cloud server is deployed from a cloud image that includes cloud software. Not all cloud images include cloud software. Cloud software typically refers to commercial software loaded onto an image that incurs additional charges when deployed as a server. Cloud software packages, as presented in the admin UI, incur additional charges based on one of two models.

- **Per server cloud software:** incurs a specific rate of software units per hour when a cloud server is running and a specific rate per hour when a server is stopped. This hourly rate is the same regardless of the number of vCPUs configured on the server. Example: 'Software A' is priced per server at a rate of 50 units per hour when the server is running and 25 units per hour when the server is stopped. If a 2 vCPU Server is deployed in a running state for 2 hours and a stopped state for 1 hour, it will incur 125 software units (50 units x 2 hours running + 25 units x 1 hours stopped.)

- **Per vCPU cloud software:** incurs a specific rate of software units per hour per vCPU when a server is running and a specific rate per hour per vCPU when a server is stopped. In this case the overall rate varies based on the number of vCPU associated with the server on which the cloud software is deployed. Example: 'Software B' is priced per server at a rate of 50 units per hour per vCPU when the server is running and 25 units per hour per vCPU when the server is stopped. If a 2 vCPU Server is deployed in a running state for 2 hours and a stopped state for 1 hour, it will incur 250 software units (2 vCPU x 50 units x 2 hours running + 2 vCPU x 25 units x 1 hours stopped).

  If multiple cloud software packages are associated with a given cloud server or cloud image, the software units for each cloud software package are incurred. Once a server has been deployed from an OS image with cloud software, all subsequent client images created from the server will carry the same priced software packages and servers deployed from those client images will incur the same charges.

All cloud images and servers with cloud software are labelled as such in the admin UI and API along with a table describing the software units incurred by that specific OS image/server. The admin UI and API also offer an up-to-date catalogue of all available cloud software packages with a description of their pricing models and current pricing.

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3. Data center information

3.1. Multi-location data centers:

Multi-location data centers refer to the availability of different data center locations in the same geographic region (i.e. US-East and US-West in North America). In this case, the same admin UI and API end-point controls assets in each data center location within the same geographic region. NTT will aggregate the usage charges for each data center into a single total for billing purposes, so all usage is billed under the pricing plan for that region.

3.2. Multi-geographic data centers:

Multi-geographic data centers refer to the availability of data centers in different geographic regions (i.e. NTT Cloud Service for data centers in the US and Europe). In this case, clients connect to a single Admin UI, but distinct API end-points to control assets in each different geographic region. Clients must sign up for a separate pricing plan for each geographic region. All usage within that region is billed under that region's pricing plan.

Figure 1: Multi-geographic data centers

4.   Pricing model per region

4.1.   North America: USA (Santa Clara, Ashburn)

Price is based on UOM and billing frequency

Contracted/Account Setup Location	Component	UOM	Rating Frequency	USA-Contract In USD
USA **(East, West)**	Standard vCPU	CPU	HR	0.034000
	High performance vCPU (MCP 2.0)	CPU	HR	0.068000
	RAM	GB	HR	0.021250
	Provisioned IOPS (GB)	GB	HR	0.000172
	Provisioned IOPS (IOPS)	IOPS	HR	0.000090
	Tiered storage-High performance	GB	HR	0.000600
	Tiered storage-Standard	GB	HR	0.000300
	Tiered storage-Economy	GB	HR	0.000100
	Advanced cloud server snapshots	GB	HR	0.000304
	Essentials cloud server snapshots	GB	HR	0.000076
	Cloud network (MCP 1.0)	Network	HR	0.200000
	Network domain essentials (MCP 2.0)	Domain	HR	0.034247
	Network domain advanced (MCP 2.0)	Domain	HR	0.068493
	Network domain enterprise (MCP 2.0)	Domain	HR	0.136987
	VLANs (MCP 2.0)	Network	HR	0.034247
	Software units	Unit	HR	0.001000
	Sub-administrator	Admin	HR	0.007000
	Additional public IP addresses	IP	HR	0.002700
	Inbound bandwidth	GB	HR	0.000000
	Outgoing bandwidth 0 - 10 TB	GB	HR	0.150000
	Outgoing bandwidth > 10 - 50 TB	GB	HR	0.110000

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	Outgoing bandwidth > 50 - 100 TB	GB	HR	0.090000
	Outgoing bandwidth > 100 - 350 TB	GB	HR	0.080000
	Outgoing bandwidth > 350 - 524 TB	GB	HR	0.070000
	Outgoing bandwidth > 524 TB	GB	HR	0.060000
	Essentials monitoring	VM	HR	0.000000
	Advanced monitoring	VM	HR	0.009600
	Essentials backup days	Units	Daily	0.328767
	Essentials backup (GB)	GB	Daily	0.003290
	Advanced backup days	Units	Daily	0.657534
	Advanced backup (GB)	GB	Daily	0.003290
	Enterprise backup Days	Units	Daily	0.000000
	Enterprise backup (GB)	GB	Daily	0.016440
	DRS storage hours (GB)	GB	HR	0.000783
	DRS source server hours	VM	HR	0.076022
	Advanced replicated snapshots (GB)	GB	HR	0.000304
	Security group hours	VM	HR	0.024175

*Listed pricing is based on client contract in same country as MCP location. Pricing varies if accessing MCP contract outside country. This pricing is for budgetary purposes only.

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4.2.   North America: Canada (Toronto)

RRP Plan price list (based on 1 month commitment)

Contracted/ Account Setup Location	Component	UOM	Rating Frequency	Canada-Contract In CAD
Canada (Toronto)	Standard vCPU	CPU	HR	0.036290
	High performance vCPU (MCP 2.0)	CPU	HR	0.072580
	RAM	GB	HR	0.022680
	Tiered storage-High performance	GB	HR	0.000640
	Tiered storage-Standard	GB	HR	0.000320
	Tiered storage-Economy	GB	HR	0.000110
	Cloud network (MCP 1.0)	Network	HR	0.213460
	Network domain essentials (MCP 2.0)	Domain	HR	0.047945
	Network domain advanced (MCP 2.0)	Domain	HR	0.095890
	Network domain enterprise (MCP 2.0)	Domain	HR	0.191781
	VLANs (MCP 2.0)	Network	HR	0.047945
	Software units	Unit	HR	0.001070
	Sub-administrator	Admin	HR	0.007470
	Additional public IP addresses	IP	HR	0.002880
	Inbound bandwidth	GB	HR	0.000000
	Outgoing bandwidth 0 - 10 TB	GB	HR	0.214790
	Outgoing bandwidth >10 - 50 TB	GB	HR	0.195010
	Outgoing bandwidth > 50 - 100 TB	GB	HR	0.172800
	Outgoing bandwidth > 100 - 350 TB	GB	HR	0.172800
	Outgoing bandwidth > 350 - 524 TB	GB	HR	0.172800
	Outgoing bandwidth > 524 TB	GB	HR	0.172800
	Essentials monitoring	VM	HR	0.000000

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Advanced monitoring	VM	HR	0.012888
Essentials backup days	Units	Daily	0.350890
Essentials backup (GB)	GB	Daily	0.003510
Advanced backup days	Units	Daily	0.701790
Advanced backup (GB)	GB	Daily	0.003510
Enterprise backup days	Units	Daily	0.000000
Enterprise backup (GB)	GB	Daily	0.017550
Security group hours	VM	HR	0.033381

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4.3.   Australia: Sydney, Melbourne

Price is based on UOM and billing frequency

Contracted/Account Setup Location	Component	UOM	Rating Frequency	Australia-Contract In AUD
Australia (Sydney, Melbourne)	Standard vCPU	CPU	HR	0.037400
	High performance vCPU (MCP 2.0)	CPU	HR	0.074800
	RAM	GB	HR	0.023375
	Provisioned IOPS (GB)	GB	HR	0.000224
	Provisioned IOPS (IOPS)	IOPS	HR	0.000118
	Tiered storage-High performance	GB	HR	0.000600
	Tiered storage-Standard	GB	HR	0.000300
	Tiered storage-Economy	GB	HR	0.000100
	Advanced cloud server snapshots	GB	HR	0.000416
	Essentials cloud server snapshots	GB	HR	0.000104
	Cloud network (MCP 1.0)	Network	HR	0.200000
	Network domain essentials (MCP 2.0)	Domain	HR	0.044521
	Network domain advanced (MCP 2.0)	Domain	HR	0.089041
	Network domain enterprise (MCP 2.0)	Domain	HR	0.178083
	VLANs (MCP 2.0)	Network	HR	0.044521
	Software units	Unit	HR	0.001000
	Sub-administrator	Admin	HR	0.007000
	Additional public IP addresses	IP	HR	0.004000
	Inbound bandwidth	GB	HR	0.000000
	Outgoing bandwidth 0 - 10 TB	GB	HR	0.200000
	Outgoing bandwidth >10 - 50 TB	GB	HR	0.180000
	Outgoing bandwidth > 50 - 100 TB	GB	HR	0.160000
	Outgoing bandwidth > 100 - 350 TB	GB	HR	0.160000
	Outgoing bandwidth > 350 - 524 TB	GB	HR	0.160000

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	Outgoing bandwidth > 524 TB	GB	HR	0.160000
	Essentials monitoring	VM	HR	0.000000
	Advanced monitoring	VM	HR	0.013693
	Essentials backup days	Units	Daily	0.361644
	Essentials backup (GB)	GB	Daily	0.003620
	Essentials backup (GB)	Units	Daily	0.723288
	Advanced backup (GB)	GB	Daily	0.003620
	Enterprise backup days	Units	Daily	0.000000
	Enterprise backup (GB)	GB	Daily	0.018080
	DRS source server hours	VM	HR	0.101168
	DRS storage hours (GB)	GB	HR	0.001112
	Advanced replicated snapshots (GB)	GB	HR	0.000416
	Security group hours	VM	HR	0.035110

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4.4. New Zealand: Hamilton

RRP Plan price list (based on 1-month commitment)

Price is based on UOM and billing frequency

Contracted/Account Setup Location	Component	UOM	Rating Frequency	New Zealand-Contract In NZD
New Zealand (Hamilton)	Standard vCPU	CPU	HR	0.042002
	High performance vCPU (MCP 2.0)	CPU	HR	0.084004
	RAM	GB	HR	0.026251
	Tiered storage-High performance	GB	HR	0.000674
	Tiered storage-Standard	GB	HR	0.000337
	Tiered storage-Economy	GB	HR	0.000112
	Advanced cloud server snapshots	GB	HR	0.000480
	Essentials cloud server snapshots	GB	HR	0.000120
	Cloud network (MCP 1.0)	Network	HR	0.224611
	Network domain essentials (MCP 2.0)	Domain	HR	0.052349
	Network domain advanced (MCP 2.0)	Domain	HR	0.104697
	Network domain enterprise (MCP 2.0)	Domain	HR	0.209395
	VLANs (MCP 2.0)	Network	HR	0.052349
	Software units	Unit	HR	0.001123
	Sub-administrator	Admin	HR	0.007861
	Additional public IP addresses	IP	HR	0.004492
	Inbound bandwidth	GB	HR	0.000000
	Outgoing bandwidth 0 - 10 TB	GB	HR	0.224611
	Outgoing bandwidth >10 - 50 TB	GB	HR	0.202150
	Outgoing bandwidth > 50 - 100 TB	GB	HR	0.179688
	Outgoing bandwidth > 100 - 350 TB	GB	HR	0.179688

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	Outgoing bandwidth > 350 - 524 TB	GB	HR	0.179688
	Outgoing bandwidth > 524 TB	GB	HR	0.179688
	Essentials monitoring	VM	HR	0.000000
	Advanced monitoring	VM	HR	0.015069
	Essentials backup days	Units	Daily	0.406145
	Essentials backup (GB)	GB	Daily	0.004065
	Advanced backup days	Units	Daily	0.812290
	Advanced backup (GB)	GB	Daily	0.004065
	Enterprise backup days	Units	Daily	0.000000
	Enterprise backup (GB)	GB	Daily	0.020305
	DRS source server hours	VM	HR	0.001159
	DRS storage hours (GB)	GB	HR	0.112653
	Advanced replicated snapshots (GB)	GB	HR	0.000480
	Security group hours	VM	HR	0.037094

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4.5.   Europe: Amsterdam, Frankfurt

Price is based on UOM and billing frequency

Contracted/Account Setup Location	Component	UOM	Rating Frequency	Europe-Contract In EUR
Europe (Amsterdam, Frankfurt)	Standard vCPU	CPU	HR	0.028050
	High performance vCPU (MCP 2.0)	CPU	HR	0.056100
	RAM	GB	HR	0.017531
	Provisioned IOPS (GB)	GB	HR	0.000144
	Provisioned IOPS (IOPS)	IOPS	HR	0.000076
	Tiered storage-High performance	GB	HR	0.000480
	Tiered storage-Standard	GB	HR	0.000240
	Tiered storage-Economy	GB	HR	0.000080
	Advanced cloud server snapshots	GB	HR	0.000280
	Essentials cloud server snapshots	GB	HR	0.000070
	Cloud network (MCP 1.0)	Network	HR	0.150000
	Network domain essentials (MCP 2.0)	Domain	HR	0.031849
	Network domain advanced (MCP 2.0)	Domain	HR	0.063699
	Network domain enterprise (MCP 2.0)	Domain	HR	0.127398
	VLANs (MCP 2.0)	Network	HR	0.031849
	Software units	Unit	HR	0.000750
	Sub-administrator	Admin	HR	0.005250
	Additional public IP addresses	IP	HR	0.002025
	Inbound bandwidth	GB	HR	0.000000
	Outgoing bandwidth 0 - 10 TB	GB	HR	0.112500
	Outgoing bandwidth >10 - 50 TB	GB	HR	0.082500
	Outgoing bandwidth > 50 - 100 TB	GB	HR	0.067500
	Outgoing bandwidth > 100 - 350 TB	GB	HR	0.060000
	Outgoing bandwidth > 350 - 524 TB	GB	HR	0.052500
	Outgoing bandwidth > 524 TB	GB	HR	0.045000

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	Essentials monitoring	VM	HR	0.000000
	Advanced monitoring	VM	HR	0.008529
	Essentials backup days	Units	Daily	0.263014
	Essentials backup (GB)	GB	Daily	0.002630
	Advanced backup days	Units	Daily	0.526027
	Advanced backup (GB)	GB	Daily	0.002630
	Enterprise backup days	Units	Daily	0.000000
	Enterprise backup (GB)	GB	Daily	0.013150
	DR source server hours	VM	HR	0.069540
	DRS storage hours (GB)	GB	HR	0.000656
	Advanced replicated snapshots (GB)	GB	HR	0.000280
	Security group hours	VM	HR	0.019570

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4.6.   Europe: UK (London)

Price is based on UOM and billing frequency

Contracted/Account Setup Location	Component	UOM	Rating Frequency	UK-Contract In GBP
Europe (London)	Standard vCPU	CPU	HR	0.021038
	High performance vCPU (MCP 2.0)	CPU	HR	0.042075
	RAM	GB	HR	0.013150
	Provisioned IOPS (GB)	GB	HR	0.000128
	Provisioned IOPS (IOPS)	IOPS	HR	0.000067
	Tiered storage-High performance	GB	HR	0.000360
	Tiered storage-Standard	GB	HR	0.000180
	Tiered storage-Economy	GB	HR	0.000060
	Cloud network (MCP 1.0)	Network	HR	0.120000
	Network domain essentials (MCP 2.0)	Domain	HR	0.023288
	Network domain advanced (MCP 2.0)	Domain	HR	0.046575
	Network domain enterprise (MCP 2.0)	Domain	HR	0.093151
	VLANs (MCP 2.0)	Network	HR	0.023288
	Software units	Unit	HR	0.000600
	Inbound bandwidth	GB	HR	0.000000
	Sub-administrator	Admin	HR	0.004200
	Additional public IP addresses	IP	HR	0.001620
	Outgoing bandwidth 0 - 10 TB	GB	HR	0.090000
	Outgoing bandwidth >10 - 50 TB	GB	HR	0.075000
	Outgoing bandwidth > 50 - 100 TB	GB	HR	0.070000
	Outgoing bandwidth > 100 - 350 TB	GB	HR	0.065000
	Outgoing bandwidth > 350 - 524 TB	GB	HR	0.065000
	Outgoing bandwidth > 524 TB	GB	HR	0.065000
	Essentials monitoring	VM	HR	0.000000

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	Advanced monitoring	VM	HR	0.006333
	Essentials backup days	Units	Daily	0.197260
	Essentials backup (GB)	GB	Daily	0.001974
	Advanced backup days	Units	Daily	0.394521
	Advanced backup (GB)	GB	Daily	0.001974
	Enterprise backup days	Units	Daily	0.000000
	Enterprise backup (GB)	GB	Daily	0.009864
	DR source server hours	VM	HR	0.000583
	DRS storage hours (GB)	GB	HR	0.056713
	Security group hours	VM	HR	0.018419
	Essentials snapshots (GB)	GBP	HR	0.000068
	Advanced snapshots (GB)	GBP	HR	0.000272
	Advanced replicated snapshots (GB)	GBP	HR	0.000272

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4.7. MEA: South Africa (Johannesburg)

Price is based on UOM and billing frequency

Contracted/Account Setup Location	Component	UOM	Rating Frequency	South Africa-Contract In ZAR
South Africa (Johannesburg)	Standard vCPU	CPU	HR	0.328462
	High performance vCPU (MCP 2.0)	CPU	HR	0.656924
	RAM	GB	HR	0.205289
	Provisioned IOPS (GB)	GB	HR	0.002064
	Provisioned IOPS (IOPS)	IOPS	HR	0.001080
	Tiered storage-High performance	GB	HR	0.006000
	Tiered storage-Standard	GB	HR	0.003000
	Tiered storage-Economy	GB	HR	0.001000
	Advanced cloud server snapshots	GB	HR	0.004520
	Essentials cloud server snapshots	GB	HR	0.001130
	Cloud network (MCP 1.0)	Network	HR	1.756480
	Network domain essentials (MCP 2.0)	Domain	HR	0.547945
	Network domain advanced (MCP 2.0)	Domain	HR	1.095890
	Network domain enterprise (MCP 2.0)	Domain	HR	2.191781
	VLANs (MCP 2.0)	Network	HR	0.547945
	Software units	Unit	HR	0.008000
	Sub-administrator	Admin	HR	0.056000
	Additional public IP addresses	IP	HR	0.032000
	Inbound bandwidth	GB	HR	0.000000
	Outgoing bandwidth 0 - 10 TB	GB	HR	4.750000
	Outgoing bandwidth >10 - 50 TB	GB	HR	4.500000
	Outgoing bandwidth > 50 - 100 TB	GB	HR	4.250000
	Outgoing bandwidth > 100 - 350 TB	GB	HR	4.000000
	Outgoing bandwidth > 350 - 524 TB	GB	HR	4.000000

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	Outgoing bandwidth > 524 TB	GB	HR	4.000000
	Essentials monitoring	VM	HR	0.000000
	Advanced monitoring	VM	HR	0.133910
	Essentials backup days	Units	Daily	3.287671
	Essentials backup (GB)	GB	Daily	0.032880
	Advanced backup days	Units	Daily	6.575342
	Advanced backup (GB)	GB	Daily	0.032880
	Enterprise backup days	Units	Daily	0.000000
	Enterprise backup (GB)	GB	Daily	0.164380
	Security group hours	VM	HR	0.395697

*Listed pricing is based on client contract in same country as MCP location. Pricing varies if accessing MCP contract outside country. This pricing is for budgetary purposes only.

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4.8.   APAC: Hong Kong

Price is based on UOM and billing frequency

Contracted/Account Setup Location	Standard vCPU	UOM	Rating Frequency	Hong Kong-Contract In HKD
APAC **(Hong Kong)**	Standard vCPU	CPU	HR	0.290373
	High performance vCPU (MCP 2.0)	CPU	HR	0.580745
	RAM	GB	HR	0.181483
	Tiered storage-High performance	GB	HR	0.005000
	Tiered storage-Standard	GB	HR	0.002500
	Tiered storage-Economy	GB	HR	0.000900
	Cloud network (MCP 1.0)	Network	HR	1.552795
	Network domain essentials (MCP 2.0)	Domain	HR	0.267123
	Network domain advanced (MCP 2.0)	Domain	HR	0.534247
	Network domain enterprise (MCP 2.0)	Domain	HR	1.068494
	VLANs (MCP 2.0)	Network	HR	0.267123
	Software units	Unit	HR	0.007764
	Sub-administrator	Admin	HR	0.054348
	Additional public IP addresses	IP	HR	0.031056
	Inbound bandwidth	GB	HR	0.000000
	Outgoing bandwidth 0 - 10 TB	GB	HR	1.552795
	Outgoing bandwidth >10 - 50 TB	GB	HR	1.397516
	Outgoing bandwidth > 50 - 100 TB	GB	HR	1.242236
	Outgoing bandwidth > 100 - 350 TB	GB	HR	1.242236
	Outgoing bandwidth > 350 - 524 TB	GB	HR	1.242236
	Outgoing bandwidth > 524 TB	GB	HR	1.242236
	Essentials monitoring	VM	HR	0.000000

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	Advanced monitoring	VM	HR	0.074401
	Essentials backup days	Units	Daily	2.630137
	Essentials backup (GB)	GB	Daily	0.026300
	Advanced backup days	Units	Daily	5.260274
	Advanced backup (GB)	GB	Daily	0.026300
	Enterprise backup days	Units	Daily	0.000000
	Enterprise backup (GB)	GB	Daily	0.131510
	DR source server hours	VM	HR	0.609725
	DRS storage hours (GB)	GB	HR	0.007006
	Security group hours	VM	HR	0.188788
	Essentials snapshots (GB)	GB	HR	0.000638
	Advanced snapshots (GB)	GB	HR	0.002552
	Advanced replicated snapshots (GB)	GB	HR	0.002552

*Listed pricing is based on client contract in same country as MCP location. Pricing varies if accessing MCP contract outside country. This pricing is for budgetary purposes only.

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4.9.   APAC: Japan (Tokyo)

Price is based on UOM and billing frequency

Contracted/ Account Setup Location	Component	UOM	Rating Frequency	Japan-Contract In YEN
APAC **(Tokyo)**	Standard vCPU	CPU	HR	3.179000
	High performance vCPU (MCP 2.0)	CPU	HR	6.358000
	RAM	GB	HR	1.986875
	Tiered storage-High performance	GB	HR	0.064000
	Tiered storage-Standard	GB	HR	0.032000
	Tiered storage-Economy	GB	HR	0.011000
	Cloud network (MCP 1.0)	Network	HR	17.00000
	Network domain essentials (MCP 2.0)	Domain	HR	4.203425
	Network domain advanced (MCP 2.0)	Domain	HR	8.406849
	Network domain enterprise (MCP 2.0)	Domain	HR	16.813699
	VLANs (MCP 2.0)	Network	HR	4.203425
	Software units	Unit	HR	0.085000
	Sub-administrator	Admin	HR	0.595000
	Additional public IP addresses	IP	HR	0.340000
	Inbound bandwidth	GB	HR	0.000000
	Outgoing bandwidth 0 - 10 TB	GB	HR	17.000000
	Outgoing bandwidth >10 - 50 TB	GB	HR	15.300000
	Outgoing bandwidth > 50 – 100 TB	GB	HR	13.600000
	Outgoing bandwidth > 100 - 350 TB	GB	HR	13.600000
	Outgoing bandwidth > 350 - 524 TB	GB	HR	13.600000
	Outgoing bandwidth > 524 TB	GB	HR	13.600000
	Essentials monitoring	VM	HR	0.000000

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	Advanced monitoring	VM	HR	1.151079
	Essentials backup days	Unit	Daily	32.876712
	Essentials backup (GB)	GB	Daily	0.328770
	Advanced backup days	Unit	Daily	65.753425
	Advanced backup (GB)	GB	Daily	0.328770
	Enterprise backup days	Unit	Daily	0.000000
	Enterprise backup (GB)	GB	Daily	1.643840

*Listed pricing is based on client contract in same country as MCP location. Pricing varies if accessing MCP contract outside country. This pricing is for budgetary purposes only.

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4.10. APAC: Singapore

Price is based on UOM and billing frequency

Contracted/Account Setup Location	Component	UOM	Rating Frequency	Singapore-Contract In SGD
APAC **(Singapore)**	Standard vCPU	CPU	HR	0.052078
	High performance vCPU (MCP 2.0)	CPU	HR	0.104155
	RAM	GB	HR	0.032548
	Provisioned IOPS (GB)	GB	HR	0.000231
	Provisioned IOPS (IOPS)	IOPS	HR	0.000121
	Tiered storage-High performance	GB	HR	0.000919
	Tiered storage-Standard	GB	HR	0.000460
	Tiered storage-Economy	GB	HR	0.000153
	Advanced cloud server snapshots	GB	HR	0.000440
	Essentials cloud server snapshots	GB	HR	0.000110
	Network domain essentials (MCP 2.0)	Domain	HR	0.052455
	Network domain advanced (MCP 2.0)	Domain	HR	0.104910
	Network domain enterprise (MCP 2.0)	Domain	HR	0.209821
	VLANs (MCP 2.0)	Network	HR	0.052455
	Software units	Unit	HR	0.001532
	Sub-administrator	Admin	HR	0.010722
	Additional public IP addresses	IP	HR	0.004136
	Inbound bandwidth	GB	HR	0.000000
	Outgoing bandwidth 0 - 10 TB	GB	HR	0.278489
	Outgoing bandwidth >10 - 50 TB	GB	HR	0.250641
	Outgoing bandwidth > 50 – 100 TB	GB	HR	0.222792
	Outgoing bandwidth > 100 - 350 TB	GB	HR	0.222792
	Outgoing bandwidth > 350 - 524 TB	GB	HR	0.222792
	Outgoing bandwidth > 524 TB	GB	HR	0.222792
	Essentials monitoring	VM	HR	0.000000

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	Advanced monitoring	VM	HR	0.013687
	Essentials backup days	Unit	Daily	0.503570
	Essentials backup (GB)	GB	Daily	0.005039
	Advanced backup days	Unit	Daily	1.007140
	Advanced backup (GB)	GB	Daily	0.005039
	Enterprise backup days	Unit	Daily	0.000000
	Enterprise backup (GB)	GB	Daily	0.025181
	DR source server hours	VM	HR	0.001105
	DRS storage hours (GB)	GB	HR	0.114655
	Security group hours	VM	HR	0.034237

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