

Hyper-V Metered Billing Plan and Resources Usage in MachPanel

Summary

This article provides a summary for enabling Hyper-V Metered Resources Usage Billing for Reseller's and its customer in MachPanel.

Applies To

This article applies to MachPanel Build v4.9.21 and above

Prerequisite

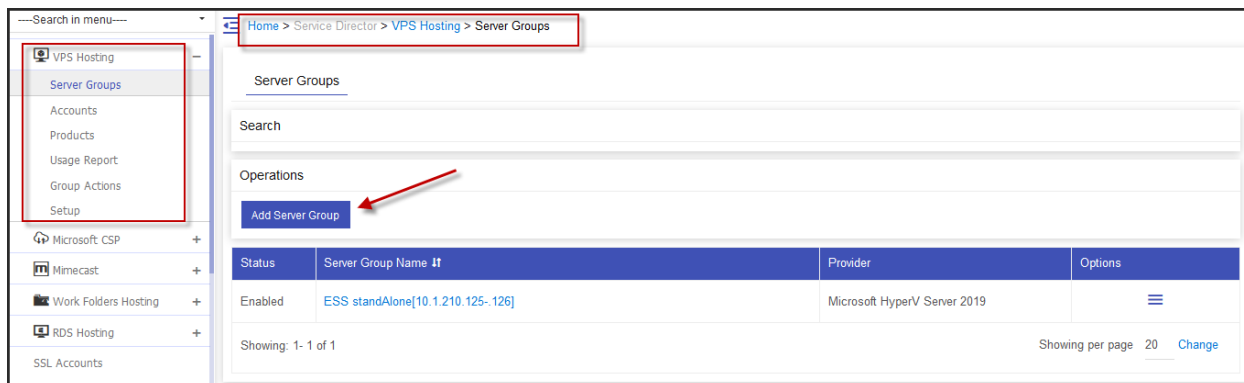
- MachPanel Control Server Installation
<http://kb.machsol.com/Knowledgebase/Article/50261>
- MachPanel Remote Server Installation
<http://kb.machsol.com/Knowledgebase/Article/50262>

Hyper-V Metered Resources Usage Billing in MachPanel

To enable Hyper- V metered Usage billing in MachPanel follow below steps:

STEP-1: Integrate Hyper-v Server in MachPanel:

To integrate Hyper-v in MachPanel, navigate to the following path: **Home >> Service Director >> VPS Hosting** and Add a Server Group. See the snapshot below:



Hyper-V Metered Billing Plan and Resources Usage in MachPanel

To integrate Hyper-v in MachPanel please review the following KB article for further details:

<http://kb.machsol.com/Knowledgebase/Article/50316>

STEP-2: Add Sealed Images in MachPanel:

Add sealed images at following path: **Home > Service Director > VPS Hosting > Setup**

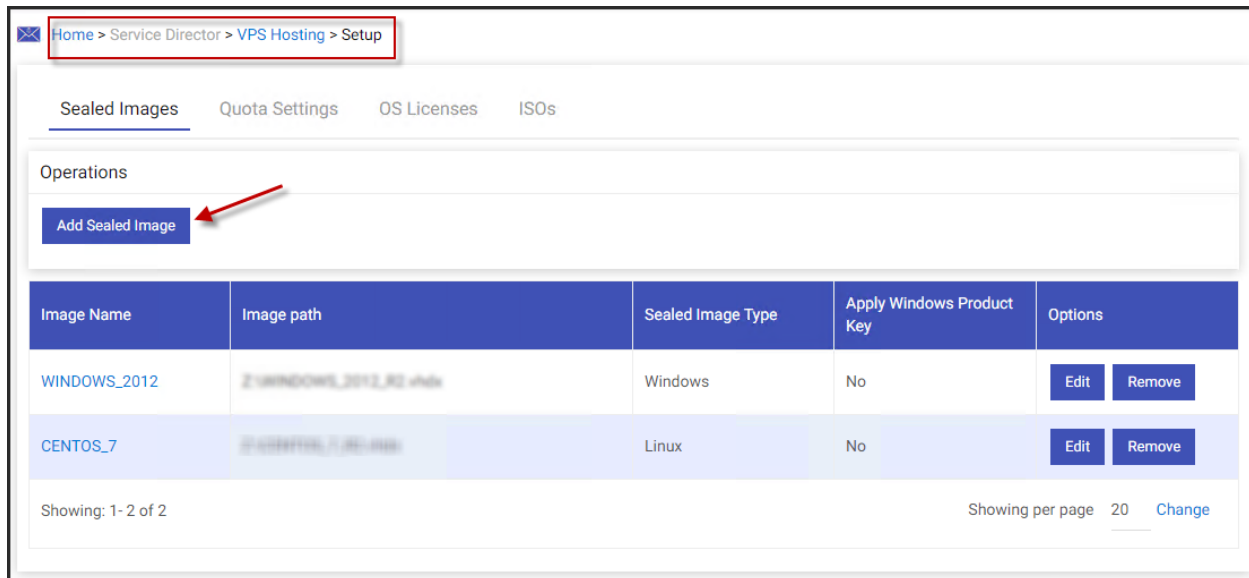


Image Name	Image path	Sealed Image Type	Apply Windows Product Key	Options
WINDOWS_2012	Z:\WINDOWS_2012_R2.vhdx	Windows	No	Edit Remove
CENTOS_7	Z:\CENTOS_7_RHEL.vhdx	Linux	No	Edit Remove

STEP-3: Add IP Pools and Virtual Network in Hyper-v:

After the Test Service of Hyper -V is successful, you can add IP Pools, Virtual Networks and sealed images in Hyper-V, please review the following KB article for further details:

<http://kb.machsol.com/Knowledgebase/Article/52397>

STEP-4: Creating & Selling VPS (Hyper-V) Metered Billing Service Plan:

- To create a new package \ service plan, navigate to the following path: **Home >> Service Plan >> VPS Hosting**.
- Click on **Reseller Product Listing** tab, add new product. See the snapshot below:



Hyper-V Metered Billing Plan and Resources Usage in MachPanel

- Reseller's recurring invoice:

General Info						
Status:	Due					
Invoice ID:	10239PTF					
Payments:	10477 (Document Pending)					
Created by:						
Date:	24.06.2020					
Due date:	25.06.2020					
Balance:	USD 114.70					
Comments:						
Invoiced Items						
Service	Description	Quantity	Setup	Price	Discount	Sub Total
VPS Hosting	Multi-VM Metered Reseller Product Hyper-V 2019 Standalone - Hyper-V metered resources usage bill 01.01.2020 To 01.02.2020	1	Free	USD 89.99	0%	USD 89.99
VPS Hosting	Multi-VM Metered Reseller Product Hyper-V 2019 Standalone - Monthly - 01.02.2020 To 01.03.2020	1	Free	USD 15.00	0%	USD 15.00
Totals						
					Total VAT Transferred:	USD 0.00
					Total excl VAT:	USD 104.99
					VAT (9.25%):	USD 9.71
					VAT Transferred (0%):	USD 0.00
					Total:	USD 114.70

- Usage Bill Detail Section:

Subscription detail #1		Usage		Billing	
Customer Name:	3578 - Shing Li [PLA]	Resource:	AverageCPUUsage	Unit Price:	USD 0.000012
VM Name:	Metered-VM-394	Usage:	47	Bill Amount:	USD 0.04
Package:	394 - Multi-VM Metered Customer Product Hyper-V 2019 Standalone - Metered-VM-394	Hours used:	72		
		Charge Start Date:	01.01.2020		
		Charge End Date:	01.02.2020		
Customer Name:	3578 - Shing Li [PLA]	Resource:	AverageRAMUsage	Unit Price:	USD 0.000012
VM Name:	Metered-VM-394	Usage:	5268	Bill Amount:	USD 4.55
Package:	394 - Multi-VM Metered Customer Product Hyper-V 2019 Standalone - Metered-VM-394	Hours used:	72		
		Charge Start Date:	01.01.2020		
		Charge End Date:	01.02.2020		
Customer Name:	3578 - Shing Li [PLA]	Resource:	AverageDiskUsage	Unit Price:	USD 0.000032
VM Name:	Metered-VM-394	Usage:	47	Bill Amount:	USD 0.11
Package:	394 - Multi-VM Metered Customer Product Hyper-V 2019 Standalone - Metered-VM-394	Hours used:	72		
		Charge Start Date:	01.01.2020		
		Charge End Date:	01.02.2020		
Customer Name:	3578 - Shing Li [PLA]	Resource:	InboundInternetTrafficUsage	Unit Price:	USD 0.000042
VM Name:	Metered-VM-394	Usage:	5065	Bill Amount:	USD 15.32
Package:	394 - Multi-VM Metered Customer Product Hyper-V 2019 Standalone - Metered-VM-394	Hours used:	72		
		Charge Start Date:	01.01.2020		
		Charge End Date:	01.02.2020		
Customer Name:	3578 - Shing Li [PLA]	Resource:	OutboundInternetTrafficUsage	Unit Price:	USD 0.000042
VM Name:	Metered-VM-394	Usage:	6000	Bill Amount:	USD 25.32
Package:	394 - Multi-VM Metered Customer Product Hyper-V 2019 Standalone - Metered-VM-394	Hours used:	72		
		Charge Start Date:	01.01.2020		
		Charge End Date:	01.02.2020		

- For **Customer Product (Under reseller)**, If a service provisioned with a package where 'Metered' billing is turned 'On' then

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- o Calculate total 'On' state usage hours of a virtual machine under a subscription.
- o Calculate average usage for each resource which is metered in service package.
- o Bill for each resource is generated as 'Average usage' * 'Total On state hours of VM' * 'Price set in package'.

Home > Service Plans > VPS Products > Edit Product

Editing Product 'Multi-VM Metered Customer Product Hyper-V 2019 Standalone'

Basic Info Resources Payment Cycles Price Group Upgrade/Downgrade Associate Add-on

Product type: VPS Hosting

***Product name:** Multi-VM Metered Customer Product Hyper-V 2019 Standalone

Provider: Microsoft HyperV Server 2019

Single VM:

Metered Billing:

TS Gateway FQDN:

Is active: Yes

Allow prorate: Yes

Associate Add-on: Optional

- Under **Price Group** tab you will see the Metered Billing:

Price Group	Payment Cycles	Setup Price	Price	Discount
US Dollar	Monthly	USD 17.00	USD 20.00	0%

Enable/Disable	Resource	Billing cycle	Price Group	Price
<input checked="" type="checkbox"/>	Average CPU Usage	MB/Hour	US Dollar	USD 0.000013
<input checked="" type="checkbox"/>	Average RAM Usage	MB/Hour	US Dollar	USD 0.000023
<input checked="" type="checkbox"/>	Average Disk Usage	GB/Hour	US Dollar	USD 0.000033
<input checked="" type="checkbox"/>	Inbound Internet Traffic Usage	MB/Hour	US Dollar	USD 0.000043
<input checked="" type="checkbox"/>	Outbound Internet Traffic Usage	MB/Hour	US Dollar	USD 0.000053
<input checked="" type="checkbox"/>	Inbound Intranet Traffic Usage	MB/Hour	US Dollar	USD 0.000063
<input checked="" type="checkbox"/>	Outbound Intranet Traffic Usage	MB/Hour	US Dollar	USD 0.000073
<input checked="" type="checkbox"/>	Public IPs	Per IP/Month	US Dollar	USD 0.000083
<input checked="" type="checkbox"/>	OS Usage	OS Per/Month	US Dollar	USD 0.000093

Hyper-V Metered Billing Plan and Resources Usage in MachPanel

- Customer Recurring Invoice:

General Info						
Status:	Due					
Invoice ID:	2					
Payments:	2 (Document Pending)					
Created by:						
Date:	23.06.2020					
Due date:	24.06.2020					
Balance:	USD 129.65					
Comments:						
Invoiced Items						
Service	Description	Quantity	Setup	Price	Discount	Sub Total
VPS Hosting	Multi-VM Metered Customer Product Hyper-V 2019 Standalone - Hyper-V metered resources usage bill 02.01.2020 To 02.02.2020	1	Free	USD 98.67	0%	USD 98.67
VPS Hosting	Multi-VM Metered Customer Product Hyper-V 2019 Standalone - Monthly - 01.02.2020 To 01.03.2020	1	Free	USD 20.00	0%	USD 20.00
Totals						
				Total excl VAT:	USD 118.67	
				VAT (9.25%):	USD 10.98	
				Total:	USD 129.65	
				Paid:	USD 0.00	
				Balance:	USD 129.65	

- Usage Bill Detail:

Usage				Billing	
Resource:	AverageCPUUsage				
Usage	47		Unit Price:	USD 0.000013	
Hours used	76		Bill Amount:	USD 0.05	
Charge Start Date:	02.01.2020				
Charge End Date:	02.02.2020				
Resource:	AverageRAMUsage				
Usage	6216		Unit Price:	USD 0.000023	
Hours used	76		Bill Amount:	USD 9	
Charge Start Date:	02.01.2020				
Charge End Date:	02.02.2020				
Resource:	AverageDiskUsage				
Usage	47		Unit Price:	USD 0.000033	
Hours used	76		Bill Amount:	USD 0.12	
Charge Start Date:	02.01.2020				
Charge End Date:	02.02.2020				
Resource:	InboundInternetTrafficUsage				
Usage	5043		Unit Price:	USD 0.000043	
Hours used	76		Bill Amount:	USD 16.26	
Charge Start Date:	02.01.2020				
Charge End Date:	02.02.2020				
Resource:	OutboundInternetTrafficUsage				
Usage	----				

Hyper-V Metered Billing Plan and Resources Usage in MachPanel

MachPanel Knowledgebase

<https://kb.machsol.com/Knowledgebase/52400/HyperV-Metered-Billing-Plan-and-...>