

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

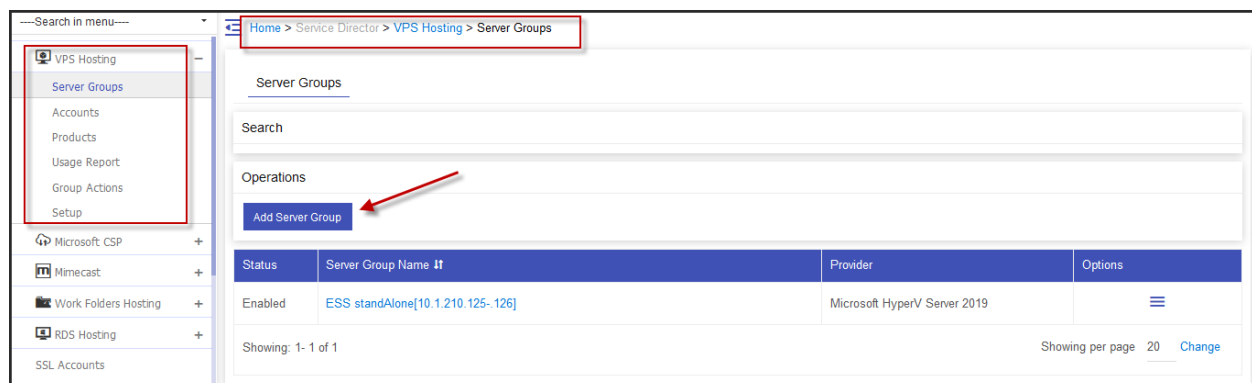
- MachPanel Control Server Installation
<http://kb.machsol.com/Knowledgebase/Article/50261>
- MachPanel Remote Server Installation
<http://kb.machsol.com/Knowledgebase/Article/50262>

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:



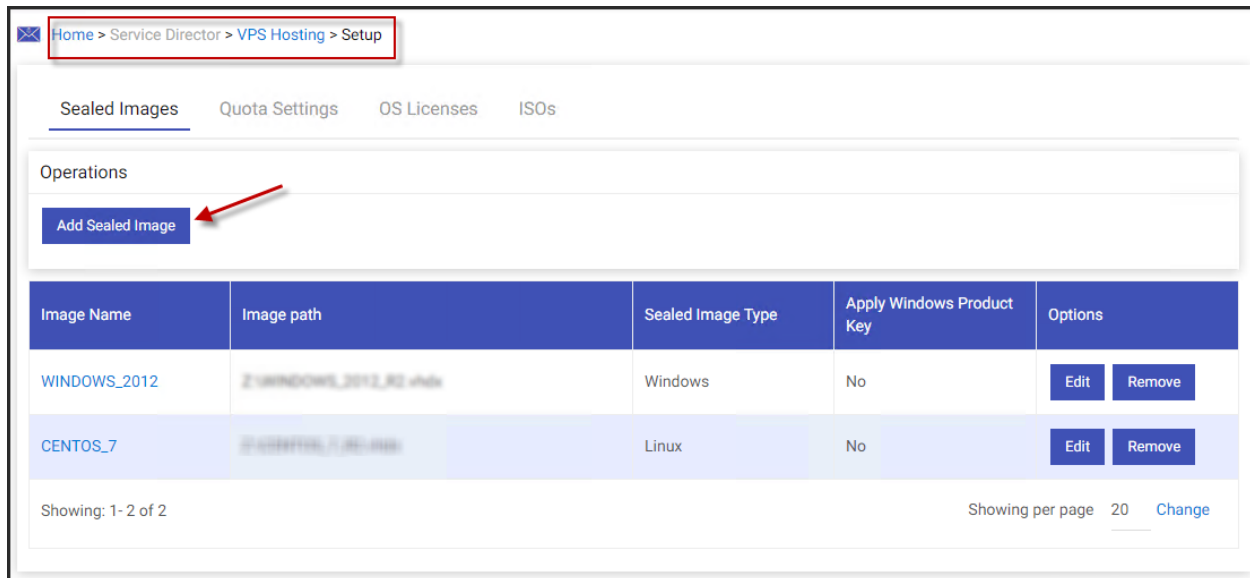
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To integrate Hyper-v in MachPanel please review the following KB article for further details:

<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**



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:



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- For **Prepaid/Subscription reseller**, if reseller is subscribed to a package where 'Metered' billing is turned 'On' then
 - o For all customer subscriptions under reseller and for all virtual machines under a subscription.
 - Calculate total 'On' state usage hours of VM
 - Calculate average usage for each resource which is metered in reseller service package.
 - Bill for each resource is generated as 'Average usage' * 'Total On state hours of VM' * 'Price set in reseller package'.

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

Basic Info	Resources	Payment Cycles	Price Group	Upgrade/Downgrade	Advanced
Product type:	VPS Hosting				
*Product name:	Multi-VM Metered Reseller Product Hyper-V 2019 St				
Provider:	Microsoft HyperV Server 2019				
*Server group:	SG StandAlone2019				
Single VM:	<input type="checkbox"/>				
Metered Billing:	<input checked="" type="checkbox"/>				
TS Gateway FQDN:					
Is active:	Yes				
Allow prorate:	Yes				

- In **Price Group** section there are two type of pricing one is the price cycle (Monthly, Yearly etc) which will be charged once every time when the cycle will be complete, and the other is Hourly for different resources and will be applicable on those resources which are marked checked in **Metered Billing** Section.

[illegible]

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:

Export to Excel						
Subscription detail #1			Usage		Billing	
Customer Name:	3578 - Shing Li [PLA]		Resource:	AverageCPUUsage		
VM Name:	Metered-VM-394		Usage	47	Unit Price:	USD 0.000012
Package:	394 - Multi-VM Metered Customer Product Hyper-V 2019 Standalone - Metered-VM-394		Hours used	72	Bill Amount:	USD 0.04
			Charge Start Date:	01.01.2020		
			Charge End Date:	01.02.2020		
Customer Name:	3578 - Shing Li [PLA]		Resource:	AverageRAMUsage		
VM Name:	Metered-VM-394		Usage	6268	Unit Price:	USD 0.000012
Package:	394 - Multi-VM Metered Customer Product Hyper-V 2019 Standalone - Metered-VM-394		Hours used	72	Bill Amount:	USD 4.55
			Charge Start Date:	01.01.2020		
			Charge End Date:	01.02.2020		
Customer Name:	3578 - Shing Li [PLA]		Resource:	AverageDiskUsage		
VM Name:	Metered-VM-394		Usage	47	Unit Price:	USD 0.000032
Package:	394 - Multi-VM Metered Customer Product Hyper-V 2019 Standalone - Metered-VM-394		Hours used	72	Bill Amount:	USD 0.11
			Charge Start Date:	01.01.2020		
			Charge End Date:	01.02.2020		
Customer Name:	3578 - Shing Li [PLA]		Resource:	InboundInternetTrafficUsage		
VM Name:	Metered-VM-394		Usage	5065	Unit Price:	USD 0.000042
Package:	394 - Multi-VM Metered Customer Product Hyper-V 2019 Standalone - Metered-VM-394		Hours used	72	Bill Amount:	USD 15.32
			Charge Start Date:	01.01.2020		
			Charge End Date:	01.02.2020		
Customer Name:	3578 - Shing Li [PLA]		Resource:	OutboundInternetTrafficUsage		
			Usage	4600		

- 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:

Basic Info	Resources	Payment Cycles	Price Group	Upgrade/Downgrade	Associate Add-on
Price Group		Payment Cycles	Setup Price	Price	Discount
US Dollar		Monthly	USD 17.00	USD 20.00	0%
Metered Billing					
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:

Export to Excel			
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	6215	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	6043	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-...>