



GCP Assessment Report

88 VMs Analyzed
Evaluations and Opportunitites for your Datacenter

Assessment Report for 88 VMs in your environment

vCenter: **vc.cphy.local** | Cluster: **4.1-hosts** | Keyword: **VM** | Any of Tags: **Dev, Prod**
Power State: **On** | Guest OS Family: **Linux Family**

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Assessment Report for 88 VMs in your environment

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Scope of Assessment

The CloudPhysics Observer discovered **602** virtual machines in your data centers. This report analyzes **88** of those virtual machines identified through the following set of environment filters, which were defined during the running of the assessment:

Infrastructure Scope:	Virtual Machine Filters:
vCenters: All	Power State: On
Datacenters: All	Guest OS Family: Linux Family
Compute Clusters: All	Guest OS Name: All
Keywords: None	Guest OS Bits: All
Any/All of Tags: None	

These **88** Virtual Machines were analyzed, generating cost estimates for both current On-Premises costs and Google Cloud costs, using the following configuration inputs for each:

On-Premise Settings:	
Physical Host Cost: \$16,300	Depreciation: 5 Years
Cost per GB System RAM: \$24	Cost per GB Shared Storage: \$6
vSphere Edition: Enterprise Plus	Hypervisor ELA Discount: 0%
3rd Party Licenses per VM: \$320	3rd Party Licenses per Host: \$250
Environment Details: Included	Avg Watts per Host: 430
Cost per kWh: \$0.105	Cooling:Power Ratio: 1.8:1

GCP Settings:	
GCP Datacenter Location: United States	Instance Class: Regular
Storage Type: Persistent Disk Storage	Term Length: 3 years
Match Standard Instance Only: No	Uptime / Day: Not Applicable
No not resized below reservations: No	Discount Rate: 0%
VM Rightsizing Option: 99th %-tile vCPU and Peak vRAM Usage	

**Non-default settings marked in blue*

NOTE: This analysis does not include ingress or egress of data since the relationship of on premise resources and bandwidth dependencies of applications cannot be known. In guest backups, remote terminal sessions, and inclusion or exclusion of dependent workloads in the cloud must be considered to estimate the network traffic requirements of the environment.

Assessment Report for 88 VMs in your environment

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Power State: **On** | Guest OS Family: **Linux Family**

Executive Summary

High-Level Results:

- This assessment analyzed a selected **88** VMs, currently running in VMware vSphere on premises, and compared those costs to Google Cloud Platform's Google Compute Engine.
- We have found that your organization can expect to save approximately **\$58,680** per year, for a possible three year savings of up to **\$228,177** in hardware infrastructure, hypervisor licensing, and management costs.
- **60** hosts that will need to be replaced prior to a vSphere 6.5 upgrade; these hosts are fine now, but they are incompatible with vSphere 6.5.
- Of the **88** VMs in scope for this assessment, **12** were running Operating Systems that were incompatible with GCP
 - # VMs running Windows Server 2003
 - # VMs running Windows 7
 - # for other Operating Systems unsupported by GCP
- You have Operating System risk in your environment. **40** VMs are running Operating Systems that are no longer supported by platform vendors, and **0** Operating systems are due to come off support in the next six months.

This Assessment was created January 18th, 2018 by **Big Reseller** exclusively for **Acme Data Corporation**.

Every data center environment has opportunities for improvement, through optimization and transformation. CloudPhysics uses data extracted from running data centers to run assessments geared to identify and highlight optimization and transformation opportunities, lowering the risk of IT projects.

This report output – culminating from one such assessment, brought to you by Google and powered by CloudPhysics – compares the costs of running workloads in the current virtual data center to the simulated costs of running those workloads in Google Cloud Platform, identifying possible cost savings opportunities and providing a clear financial analysis of the opportunity to your organization.

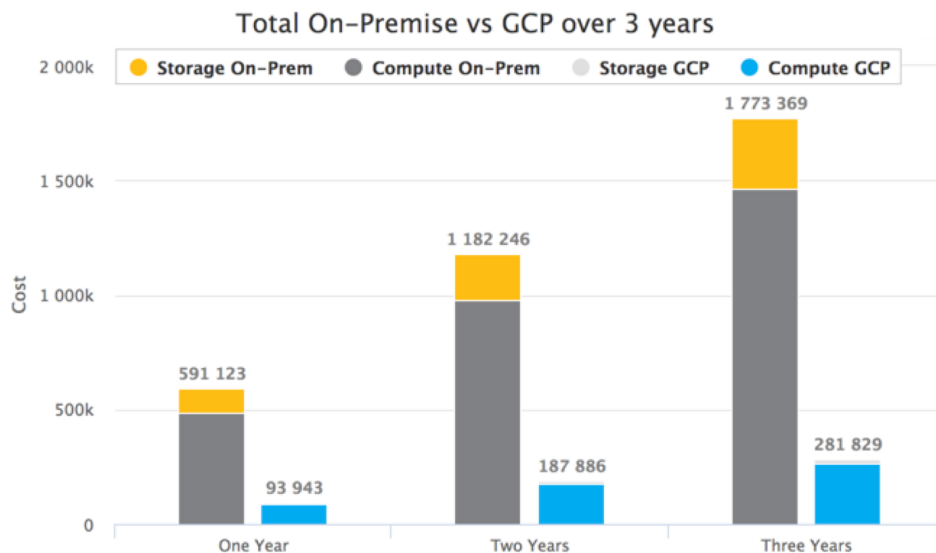
GCP Settings:

GCP Datacenter Location: United States	Instance Class: Regular
Storage Type: Persistent Disk Storage	Term Length: 3 years
Match Standard Instance Only: No	Uptime / Day: Not Applicable
No not resized below reservations: No	Discount Rate: 0%
VM Rightsizing Option: 99th %-tile vCPU and Peak vRAM Usage	
<i>*non-default settings marked in blue</i>	

Assessment Report for 88 VMs in your environment

vCenter: **vc.cphy.local** | Cluster: **4.1-hosts** | Keyword: **VM** | Any of Tags: **Dev, Prod**
Power State: **On** | Guest OS Family: **Linux Family**

Cost Comparison Summary



3 Year Cost Comparison

On-Premises costs:

\$411,870

GCP Costs w/Rightsizing:

\$178,527

3 Year Savings:

\$233,527 (56%)



Compute

\$96,237 /year

\$78,531 /year

\$17,706 /year

Storage

\$96,237 /year

\$78,531 /year

\$17,706 /year

GCP Settings:

GCP Datacenter Location: **United States**

Instance Class: **Regular**

Storage Type: **Persistent Disk Storage**

Term Length: **3 years**

Match Standard Instance Only: **No**

Uptime / Day: **Not Applicable**

No not resized below reservations: **No**

Discount Rate: **0%**

VM Rightsizing Option: **99th %-tile vCPU and Peak vRAM Usage**

**non-default settings marked in blue*

Assessment Report for 88 VMs in your environment
vCenter: **vc.cphy.local** | Cluster: **4.1-hosts** | Keyword: **VM** | Any of Tags: **Dev, Prod**
Power State: **On** | Guest OS Family: **Linux Family**

Cost Comparison Details

Total Cost:

	Resource cost as Configured		Rightsize using: Peak vCPU and Peak vRAM Usage	
On-Prem IT 88 VMs	On-Prem IT	\$137,211	On-Prem IT	\$131,095
	Public Cloud	\$0	Public Cloud	\$0
	Total	\$137,211 /year	Total	\$131,095 /year
Google Cloud Platform 88 VMs 88 Supported	On-Prem IT	\$0	On-Prem IT	\$0
	Public Cloud	\$78,531	Public Cloud	\$69,299
	Total	\$78,531 /year	Total	\$69,299 /year

Average Cost per VM:

	Resource cost as Configured		Rightsize using: Peak vCPU and Peak vRAM Usage	
On-Prem IT 88 VMs	On-Prem IT	\$1,559	On-Prem IT	\$1,490
	Public Cloud	\$0	Public Cloud	\$0
	Overall	\$1,559 /year	Overall	\$1,490 /year
Google Cloud Platform 88 VMs 88 Supported	On-Prem IT	\$0	On-Prem IT	\$0
	Public Cloud	\$892	Public Cloud	\$787
	Overall	\$892 /year	Overall	\$787 /year

GCP Settings:

GCP Datacenter Location: **United States** Instance Class: **Regular**
Storage Type: **Persistent Disk Storage** Term Length: **3 years**
Match Standard Instance Only: **No** Uptime / Day: **Not Applicable**
No not resized below reservations: **No** Discount Rate: **0%**
VM Rightsizing Option: **99th %-tile vCPU and Peak vRAM Usage**
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Assessment Report for 88 VMs in your environment

vCenter: **vc.cphy.local** | Cluster: **4.1-hosts** | Keyword: **VM** | Any of Tags: **Dev, Prod**
 Power State: **On** | Guest OS Family: **Linux Family**

Host Inventory Summary and vSphere 6.5 EOL Considerations

As part of the GCP migration analysis, CloudPhysics also looked for other issues in the data center that might indicate that the time is right to consider Cloud migration. For instance, **Acme Data Corporation** may need, or may soon need, to upgrade some of its hardware infrastructure.

In total, across the entire vSphere environment, **Acme Data Corporation** currently has:

- **12** hosts that are not in VMware's hardware compatibility list (HCL) at all; non-HCL hosts should be replaced/retired immediately, or their workloads should be ported to another environment.
- **5** hosts that are in the current HCL, but are running versions of vSphere that they do not support; hosts running vSphere versions that they do not support should be replaced/retired immediately, or their workloads should be ported to another environment.
- **60** hosts that will need to be replaced prior to a vSphere 6.5 upgrade; these hosts are fine now, but they are incompatible with vSphere 6.5.

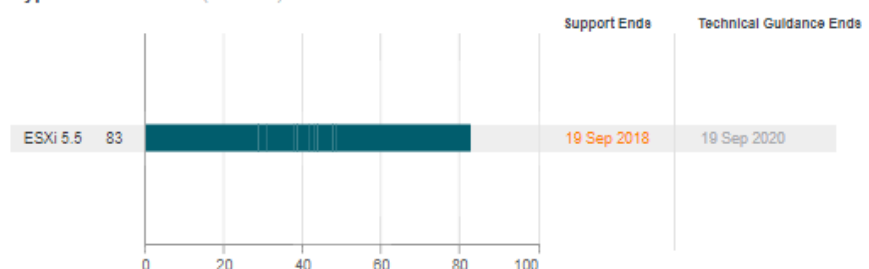
Server infrastructure overview:

Server Models (83 Hosts)



PowerEdge R610	36	(43%)
IBM System x3550 M4	20	(24%)
IBM System x3550 M3	9	(11%)
Super Server	5	(6%)
ProLiant DL380 G7	3	(4%)
Additional Models	10	(12%)

Hypervisor Releases (83 Hosts)



GCP Settings:

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 No not resized below reservations: **No** Discount Rate: **0%**
 VM Rightsizing Option: **99th %-tile vCPU and Peak vRAM Usage**

**non-default settings marked in blue*

Assessment Report for 88 VMs in your environment

vCenter: **vc.cphy.local** | Cluster: **4.1-hosts** | Keyword: **VM** | Any of Tags: **Dev, Prod**
 Power State: **On** | Guest OS Family: **Linux Family**

Operating System Summary

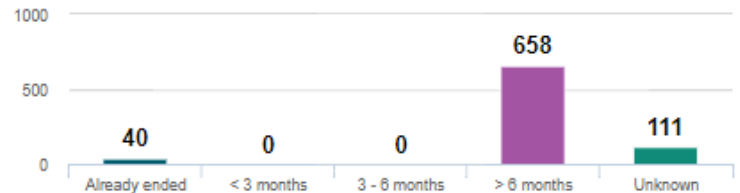
You have Operating System risk in your environment. **40** VMs are running Operating Systems that are no longer supported by platform vendors, and **0** Operating systems are due to come off support in the next six months.

Guest OS Breakdown (809* VMs)



*61 VMs excluded due to incomplete data.

End of Support (809 VMs)



GCP Settings:

GCP Datacenter Location: **United States** Instance Class: **Regular**
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 VM Rightsizing Option: **99th %-tile vCPU and Peak vRAM Usage**

**non-default settings marked in blue*

Assessment Report for 88 VMs in your environment

vCenter: **vc.cphy.local** | Cluster: **4.1-hosts** | Keyword: **VM** | Any of Tags: **Dev, Prod**
 Power State: **On** | Guest OS Family: **Linux Family**

Detailed Google Cloud Platform Analysis

Supported Instances Matches and Associated Cost

The following table provides a details breakout of per VM cost for workloads hosted on Google Cloud Platform at various rightsized configurations. Each configuration provides the anticipated instance class as well as the annual cost of hosting the instance.

VM Name	Guest OS	On Premise Cost	GCP As Configured		GCP Rightsized to 99th %-tile		vDisk Capacity (GB)
			Instance	Cost/Yr	Instance	Cost/Yr	
VM-101431	Red Hat Enterprise Linux 6 (64-bit)	\$898	n1-standard-1	\$187	n1-standard-1	\$187	1
VM-1043050	Other 2.6.x Linux (64-bit)	\$898	n1-standard-1	\$187	n1-standard-1	\$187	1
VM-1106428	CentOS 4/5/6 (64-bit)	\$1,646	n1-standard-2	\$1,044	n1-standard-2	\$1,044	300
VM-112520	Debian GNU/Linux 6 (64-bit)	\$1,578	n1-standard-4	\$816	n1-standard-2	\$442	140
VM-1131228	CentOS 4/5/6 (64-bit)	\$956	n1-standard-1	\$723	n1-standard-1	\$723	20
VM-113504	Debian GNU/Linux 6 (64-bit)	\$1,771	n1-standard-2	\$1,049	n1-standard-2	\$1,049	311
VM-113505	Other Linux (64-bit)	\$956	n1-standard-1	\$197	n1-standard-1	\$197	20
VM-113506	Other Linux (32-bit)	\$956	n1-standard-1	\$197	n1-standard-1	\$197	20
VM-113507	Red Hat Enterprise Linux 6 (64-bit)	\$1,071	n1-standard-2	\$385	n1-standard-1	\$197	20
VM-1145510	Red Hat Enterprise Linux 5 (32-bit)	\$4,493	n1-highmem-8	\$3,333	n1-highmem-8	\$3,333	1050
VM-115320	SUSE Linux Enterprise 11 (64-bit)	\$1,806	n1-standard-8	\$2,685	n1-highmem-2	\$1,040	100
VM-122301	Other Linux (32-bit)	\$8,356	n1-highcpu-4	\$2,043	n1-standard-1	\$1,671	3092
VM-122353	Red Hat Enterprise Linux 6 (64-bit)	\$1,163	n1-standard-2	\$404	n1-standard-2	\$404	60
VM-122615	Red Hat Enterprise Linux 6 (64-bit)	\$4,898	n1-standard-16	\$4,711	n1-standard-16	\$4,711	1200
VM-122652	Other 2.6.x Linux (64-bit)	\$909	n1-standard-1	\$189	n1-standard-1	\$189	5
VM-122660	Red Hat Enterprise Linux 6 (64-bit)	\$1,321	n1-highcpu-2	\$870	n1-standard-1	\$778	135
VM-123026	Red Hat Enterprise Linux 6 (64-bit)	\$1,049	n1-highcpu-2	\$815	n1-standard-1	\$723	20
VM-1238299	Ubuntu Linux (64-bit)	\$1,138	n1-standard-2	\$938	n1-standard-2	\$938	80
VM-1261690	CentOS 4/5/6 (64-bit)	\$1,486	n1-standard-2	\$996	n1-standard-2	\$996	200
VM-1294222	Red Hat Enterprise Linux 5 (64-bit)	\$898	n1-standard-1	\$187	n1-standard-1	\$187	1
VM-1294232	Ubuntu Linux (64-bit)	\$898	n1-standard-1	\$187	n1-standard-1	\$187	1
VM-1294234	Red Hat Enterprise Linux 6 (64-bit)	\$898	n1-standard-1	\$187	n1-standard-1	\$187	1
VM-1294236	Ubuntu Linux (64-bit)	\$898	n1-standard-1	\$187	n1-standard-1	\$187	1
VM-134599	Other Linux (32-bit)	\$1,002	n1-standard-1	\$732	n1-standard-1	\$732	40
VM-135242	Other Linux (32-bit)	\$2,191	n1-highmem-2	\$1,222	n1-highmem-2	\$1,222	480
VM-1358330	Red Hat Enterprise Linux 6 (64-bit)	\$902	n1-standard-1	\$188	n1-standard-1	\$188	2
VM-1377613	Red Hat Enterprise Linux 6 (64-bit)	\$1,302	n1-standard-2	\$433	n1-standard-1	\$245	120
VM-1412533	Other Linux (32-bit)	\$3,721	n1-standard-4	\$1,250	n1-highmem-2	\$967	1043.53

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Power State: **On** | Guest OS Family: **Linux Family**

VM-1418489	Debian GNU/Linux 6 (64-bit)	\$3,721	n1-standard-4	\$1,250	n1-highmem-2	\$967	1043.53
VM-1432876	Ubuntu Linux (64-bit)	\$902	n1-standard-1	\$188	n1-standard-1	\$188	2
VM-1454057	CentOS 4/5/6 (64-bit)	\$1,192	n1-standard-2	\$929	n1-standard-1	\$742	60
VM-1454305	Ubuntu Linux (64-bit)	\$1,192	n1-standard-2	\$929	n1-standard-1	\$742	60
VM-1454306	Red Hat Enterprise Linux 6 (64-bit)	\$1,192	n1-standard-2	\$929	n1-standard-1	\$742	60
VM-1454307	Debian GNU/Linux 6 (64-bit)	\$1,192	n1-standard-2	\$929	n1-standard-1	\$742	60
VM-1454310	Red Hat Enterprise Linux 6 (64-bit)	\$1,192	n1-standard-2	\$929	n1-standard-1	\$742	60
VM-1513013	Other Linux (32-bit)	\$1,776	n1-standard-8	\$1,498	n1-highmem-4	\$933	0
VM-1513016	Other Linux (32-bit)	\$1,776	n1-standard-8	\$1,498	n1-highmem-4	\$933	0
VM-1513019	Other Linux (32-bit)	\$1,776	n1-standard-8	\$1,498	n1-highmem-4	\$933	0
VM-15196	Red Hat Enterprise Linux 4 (32-bit)	\$898	n1-standard-1	\$187	n1-standard-1	\$187	1
VM-1543064	Red Hat Enterprise Linux 6 (64-bit)	\$902	n1-standard-1	\$188	n1-standard-1	\$188	2
VM-1550432	SUSE Linux Enterprise 11 (64-bit)	\$902	n1-standard-1	\$188	n1-standard-1	\$188	2
VM-1594097	Red Hat Enterprise Linux 6 (32-bit)	\$1,194	n1-highcpu-2	\$317	n1-highcpu-2	\$317	80
VM-1608625	Red Hat Enterprise Linux 6 (64-bit)	\$1,178	n1-highcpu-2	\$317	n1-highcpu-2	\$317	60
VM-1608656	CentOS 4/5/6 (64-bit)	\$2,440	n1-highcpu-2	\$317	n1-highcpu-2	\$317	620
VM-184442	Other Linux (32-bit)	\$1,410	n1-standard-2	\$929	n1-standard-1	\$742	80
VM-196663	Red Hat Enterprise Linux 6 (64-bit)	\$898	n1-highcpu-2	\$577	n1-standard-1	\$485	1
VM-212149	SUSE Linux Enterprise 11 (64-bit)	\$1,140	n1-highcpu-4	\$597	n1-standard-1	\$225	50
VM-229409	Red Hat Enterprise Linux 6 (64-bit)	\$1,140	n1-standard-1	\$187	n1-standard-1	\$187	50
VM-258619	CentOS 4/5/6 (64-bit)	\$1,140	n1-standard-2	\$924	n1-standard-1	\$737	50
VM-258620	Red Hat Enterprise Linux 6 (64-bit)	\$1,140	n1-standard-2	\$924	n1-standard-1	\$737	50
VM-258621	Red Hat Enterprise Linux 6 (64-bit)	\$1,140	n1-standard-2	\$924	n1-standard-1	\$737	50
VM-258622	Red Hat Enterprise Linux 6 (64-bit)	\$1,140	n1-standard-2	\$924	n1-standard-1	\$737	50
VM-258623	Red Hat Enterprise Linux 6 (64-bit)	\$906	n1-standard-2	\$924	n1-standard-1	\$737	3
VM-258625	Red Hat Enterprise Linux 6 (64-bit)	\$898	n1-standard-2	\$924	n1-standard-1	\$737	1
VM-274300	Other Linux (32-bit)	\$898	n1-standard-1	\$1,152	n1-standard-1	\$1,152	1
VM-27839	Red Hat Enterprise Linux 6 (64-bit)	\$1,486	n1-standard-1	\$187	n1-standard-1	\$187	200
VM-27841	Ubuntu Linux (64-bit)	\$898	n1-standard-1	\$187	n1-standard-1	\$187	1
VM-291148	Other 2.6.x Linux (64-bit)	\$898	n1-standard-2	\$471	n1-standard-1	\$283	1
VM-29655	Other Linux (32-bit)	\$898	n1-standard-1	\$187	n1-standard-1	\$187	1
VM-29662	Other 2.6.x Linux (64-bit)	\$979	n1-standard-1	\$187	n1-standard-1	\$187	30
VM-29663	Other Linux (32-bit)	\$956	n1-standard-1	\$187	n1-standard-1	\$187	15
VM-39056	Other Linux (32-bit)	\$1,716	n1-standard-1	\$727	n1-standard-1	\$727	200
VM-394946	Other Linux (32-bit)	\$10,018	n1-standard-1	\$1,158	n1-standard-1	\$1,158	3800
VM-40218	Other Linux (32-bit)	\$1,885	n1-standard-4	\$1,984	n1-standard-2	\$996	373
VM-406673	Red Hat Enterprise Linux 6 (64-bit)	\$2,467	n1-standard-4	\$3,712	n1-standard-4	\$3,712	400
VM-444328	CentOS 4/5/6 (64-bit)	\$1,256	n1-standard-2	\$554	n1-standard-2	\$554	100

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vCenter: **vc.cphy.local** | Cluster: **4.1-hosts** | Keyword: **VM** | Any of Tags: **Dev, Prod**

Power State: **On** | Guest OS Family: **Linux Family**

VM-46779	Ubuntu Linux (64-bit)	\$898	n1-standard-8	\$2,829	n1-highmem-4	\$2,264	1
VM-485503	Red Hat Enterprise Linux 6 (64-bit)	\$3,054	n1-standard-2	\$948	n1-standard-1	\$761	380
VM-578	Red Hat Enterprise Linux 6 (64-bit)	\$898	n1-standard-1	\$187	n1-standard-1	\$187	1
VM-596685	Other Linux (64-bit)	\$898	n1-standard-16	\$4,317	n1-highmem-4	\$2,254	1
VM-59849	Red Hat Enterprise Linux 5 (64-bit)	\$898	n1-standard-1	\$187	n1-standard-1	\$187	1
VM-6066	Other Linux (32-bit)	\$1,048	n1-standard-1	\$187	n1-standard-1	\$187	60
VM-6070	Red Hat Enterprise Linux 6 (64-bit)	\$1,684	n1-standard-1	\$187	n1-standard-1	\$187	186.45
VM-702	Ubuntu Linux (64-bit)	\$1,081	n1-standard-1	\$216	n1-standard-1	\$216	80
VM-704404	Red Hat Enterprise Linux 6 (64-bit)	\$979	n1-standard-4	\$838	n1-standard-2	\$464	30
VM-707	Other Linux (32-bit)	\$1,687	n1-standard-1	\$225	n1-standard-1	\$225	200
VM-735	Red Hat Enterprise Linux 6 (64-bit)	\$902	n1-standard-1	\$201	n1-standard-1	\$201	2
VM-775038	Other Linux (32-bit)	\$1,125	n1-highcpu-4	\$1,793	n1-standard-1	\$809	50
VM-775046	Red Hat Enterprise Linux 6 (64-bit)	\$1,682	n1-standard-1	\$188	n1-standard-1	\$188	30
VM-775673	Debian GNU/Linux 6 (64-bit)	\$1,674	n1-highcpu-2	\$829	n1-standard-1	\$737	20
VM-784	Other 2.6.x Linux (64-bit)	\$1,026	n1-highcpu-8	\$1,131	n1-standard-1	\$201	31.24
VM-789386	Other Linux (32-bit)	\$1,025	n1-highcpu-8	\$2,266	n1-standard-1	\$723	50
VM-843019	Ubuntu Linux (64-bit)	\$1,053	n1-standard-2	\$915	n1-standard-2	\$915	12
VM-866461	Red Hat Enterprise Linux 6 (64-bit)	\$1,233	n1-standard-1	\$211	n1-standard-1	\$211	90
VM-867476	CentOS 4/5/6 (32-bit)	\$1,659	n1-standard-2	\$381	n1-standard-2	\$381	175
VM-89783	Ubuntu Linux (64-bit)	\$1,526	n1-standard-2	\$943	n1-standard-1	\$756	130

GCP Settings:

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 Storage Type: **Persistent Disk Storage** Term Length: **3 years**
 Match Standard Instance Only: **No** Uptime / Day: **Not Applicable**
 No not resized below reservations: **No** Discount Rate: **0%**
 VM Rightsizing Option: **99th %-tile vCPU and Peak vRAM Usage**
**non-default settings marked in blue*

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 Power State: **On** | Guest OS Family: **Linux Family**

Unsupported VMs because of **Unsupported Guest OS**

VM Name	Guest OS	On Premise Cost
VM-101431	Red Hat Enterprise Linux 6 (64-bit)	\$898
VM-1043050	Other 2.6.x Linux (64-bit)	\$898
VM-1106428	CentOS 4/5/6 (64-bit)	\$1,646
VM-112520	Debian GNU/Linux 6 (64-bit)	\$1,578
VM-1131228	CentOS 4/5/6 (64-bit)	\$956
VM-113504	Debian GNU/Linux 6 (64-bit)	\$1,771
VM-113505	Other Linux (64-bit)	\$956
VM-113506	Other Linux (32-bit)	\$956
VM-113507	Red Hat Enterprise Linux 6 (64-bit)	\$1,071
VM-1145510	Red Hat Enterprise Linux 5 (32-bit)	\$4,493
VM-115320	SUSE Linux Enterprise 11 (64-bit)	\$1,806

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Power State: **On** | Guest OS Family: **Linux Family**

Appendix A: vCenter Summary for entire environment

Clusters 16	Datastores 0 50 Clustered Standalone	Hosts 82 1 Clustered Standalone	Memory Virtual 7.98 TB Physical 14.40 TB	Virtual Machines 809
Storage Clusters 0	VMFS 42 NFS 8	On 82 Off 0 Maintenance 1	CPUs Virtual 2283 Physical 1288	On 664 Off 143 Suspended 0 Templates 2
Networks 268	Total Storage 532.25 TB Free Storage 291.13 TB	Avg. Consolidation Ratio 8.1:1 VMs (on) : Hosts (on)		

Assessment Report for 88 VMs in your environment

vCenter: **vc.cphy.local** | Cluster: **4.1-hosts** | Keyword: **VM** | Any of Tags: **Dev, Prod**

Power State: **On** | Guest OS Family: **Linux Family**

Appendix B: Detailed On-Premise Analysis

Current Cost per VM

VM Name	Guest OS	VM Cost / Year (\$)	vCPU	vCPU 99th %ile Usage (%)	vRAM (GB)	vRAM Peak Usage (%)	vDisk Capacity (GB)
VM-40218	Red Hat Enterprise Linux 6 (64-bit)	\$1,716	4	5	8	98	200
VM-444328	Other 2.6.x Linux (64-bit)	\$1,885	2	77	4	97	373
VM-1377613	CentOS 4/5/6 (64-bit)	\$1,302	2	3	4	100	120
VM-1432876	Debian GNU/Linux 6 (64-bit)	\$902	1	1	0.25	97	2
VM-122301	CentOS 4/5/6 (64-bit)	\$8,356	4	4	4	100	3092
VM-1358330	Debian GNU/Linux 6 (64-bit)	\$902	1	1	0.25	100	2
VM-784	Other Linux (64-bit)	\$1,682	8	10	2	100	30
VM-1294236	Other Linux (32-bit)	\$898	1	1	0.13	98	1
VM-115320	Red Hat Enterprise Linux 6 (64-bit)	\$1,806	6	1	24	45	100
VM-123026	Red Hat Enterprise Linux 5 (32-bit)	\$1,049	2	43	1	98	20
VM-394946	SUSE Linux Enterprise 11 (64-bit)	\$956	1	1	3.52	99	15
VM-229409	Other Linux (32-bit)	\$898	1	1	0.13	97	1
VM-258622	Red Hat Enterprise Linux 6 (64-bit)	\$1,140	2	2	4	94	50
VM-98700	Red Hat Enterprise Linux 6 (64-bit)	\$1,526	4	9	4	97	130
VM-113507	Other 2.6.x Linux (64-bit)	\$1,071	2	2	4	92	20
VM-1454310	Red Hat Enterprise Linux 6 (64-bit)	\$1,192	2	1	8	32	60
VM-775038	Red Hat Enterprise Linux 6 (64-bit)	\$1,687	4	0	4	97	200
VM-1594097	Ubuntu Linux (64-bit)	\$1,194	2	71	2	100	80
VM-1513019	CentOS 4/5/6 (64-bit)	\$1,776	8	17	24	100	0
VM-89783	Red Hat Enterprise Linux 5 (64-bit)	\$1,233	2	35	4	94	90
VM-1608656	Ubuntu Linux (64-bit)	\$1,194	2		2		80
VM-1238299	Red Hat Enterprise Linux 6 (64-bit)	\$1,138	1	15	8	99	80
VM-212149	Ubuntu Linux (64-bit)	\$1,410	4	5	4	98	80
VM-29663	Other Linux (32-bit)	\$898	1	12	0.13	91	1
VM-1043050	Other Linux (32-bit)	\$898	1	1	0.13	94	12001
VM-122615	Red Hat Enterprise Linux 6 (64-bit)	\$4,898	8	35	72	100	

Assessment Report for 88 VMs in your environment

vCenter: **vc.cphy.local** | Cluster: **4.1-hosts** | Keyword: **VM** | Any of Tags: **Dev, Prod**

Power State: **On** | Guest OS Family: **Linux Family**

VM-134599	Red Hat Enterprise Linux 6 (64-bit)	\$1,002	1	6	2	94	40
VM-735	Other Linux (32-bit)	\$979	1	1	2	45	30
VM-1543064	Debian GNU/Linux 6 (64-bit)	\$902	1	0	0.25	98	2
VM-112520	Ubuntu Linux (64-bit)	\$1,578	4	33	8	99	140
VM-1513016	CentOS 4/5/6 (64-bit)	\$1,776	8	18	24	100	0
VM-867476	Ubuntu Linux (64-bit)	\$1,053	2	73	4	96	12
VM-258623	Red Hat Enterprise Linux 6 (64-bit)	\$1,140	2	1	4	91	50
VM-1550432	Debian GNU/Linux 6 (64-bit)	\$902	1	1	0.25	100	2
VM-789386	Red Hat Enterprise Linux 6 (64-bit)	\$1,674	8	0	4	94	20
VM-1294222	Other Linux (32-bit)	\$898	1	1	0.13	96	1
VM-6066	Other Linux (32-bit)	\$898	1	4	0.13	90	1
VM-29662	Other Linux (32-bit)	\$898	1	0	0.13	100	1
VM-485503	Red Hat Enterprise Linux 4 (32-bit)	\$1,256	2	8	4	100	100
VM-258619	Red Hat Enterprise Linux 6 (64-bit)	\$1,140	2	2	4	95	50
VM-274300	SUSE Linux Enterprise 11 (64-bit)	\$906	1	0	0.59	84	3
VM-113504	Red Hat Enterprise Linux 6 (32-bit)	\$1,771	2	73	8	95	311
VM-596685	Red Hat Enterprise Linux 6 (64-bit)	\$3,054	12	18	24	100	380
VM-122652	CentOS 4/5/6 (64-bit)	\$909	1	11	0.25	93	5
VM-59849	Other Linux (32-bit)	\$898	1	1	0.13	97	1
VM-258620	Red Hat Enterprise Linux 6 (64-bit)	\$1,140	2	2	4	97	50
VM-1145510	SUSE Linux Enterprise 11 (64-bit)	\$4,493	8	47	64	99	1050
VM-258625	Red Hat Enterprise Linux 6 (64-bit)	\$1,140	2	1	4	94	50
VM-866461	CentOS 4/5/6 (64-bit)	\$1,025	1	2	2	52	50
VM-1454057	Red Hat Enterprise Linux 6 (64-bit)	\$1,192	2	1	8	42	60
VM-406673	Red Hat Enterprise Linux 6 (64-bit)	\$10,018	4	99	8	98	3800
VM-1261690	Red Hat Enterprise Linux 6 (64-bit)	\$1,486	2	51	4	95	200
VM-1131228	Red Hat Enterprise Linux 6 (64-bit)	\$956	1	1	2	94	20
VM-46779	Red Hat Enterprise Linux 6 (64-bit)	\$2,467	6	61	20	99	400
VM-27839	Other Linux (32-bit)	\$898	1	1	0.13	95	1
VM-135242	Red Hat Enterprise Linux 6 (64-bit)	\$2,191	2	10	12	100	480

Assessment Report for 88 VMs in your environment

vCenter: **vc.cphy.local** | Cluster: **4.1-hosts** | Keyword: **VM** | Any of Tags: **Dev, Prod**

Power State: **On** | Guest OS Family: **Linux Family**

VM-92543	Ubuntu Linux (64-bit)	\$1,659	4	29	8	99	175
VM-113505	Other 2.6.x Linux (64-bit)	\$956	1	2	2	25	20
VM-6070	Other Linux (32-bit)	\$898	1	2	0.13	90	1
VM-291148	Other 2.6.x Linux (64-bit)	\$1,486	2	3	4	89	200
VM-29655	Other Linux (32-bit)	\$898	1	12	0.13	99	1
VM-702	Other Linux (32-bit)	\$1,048	1	1	2	74	60
VM-27841	Other Linux (32-bit)	\$898	1	1	0.13	93	1
VM-578	Other Linux (32-bit)	\$898	1	1	0.13	100	1
VM-1106428	Red Hat Enterprise Linux 6 (64-bit)	\$1,646	1	44	8	100	300
VM-1513013	CentOS 4/5/6 (64-bit)	\$1,776	8	17	24	100	0
VM-1412533	Ubuntu Linux (64-bit)	\$3,721	4	5	16	100	1043.53
VM-775673	Red Hat Enterprise Linux 6 (64-bit)	\$1,125	2	0	2	93	50
VM-1454305	Red Hat Enterprise Linux 6 (64-bit)	\$1,192	2	0	8	30	60
VM-122353	Other Linux (64-bit)	\$1,163	2	53	4	93	60
VM-184442	Red Hat Enterprise Linux 5 (64-bit)	\$1,178	2	3	6	67	60
VM-15196	Other Linux (32-bit)	\$898	1	6	0.13	99	1
VM-843019	Red Hat Enterprise Linux 6 (64-bit)	\$1,026	1	50	8	98	31.24
VM-1418489	Ubuntu Linux (64-bit)	\$3,721	4	12	16	100	1043.53
VM-122660	Red Hat Enterprise Linux 6 (64-bit)	\$1,321	2	9	2	100	135
VM-1294234	Other Linux (32-bit)	\$898	1	1	0.13	95	1
VM-39056	Red Hat Enterprise Linux 6 (64-bit)	\$979	1	8	2	100	30
VM-1294232	Other Linux (32-bit)	\$898	1	1	0.13	97	1
VM-1454307	Red Hat Enterprise Linux 6 (64-bit)	\$1,192	2	0	8	33	60
VM-775046	Debian GNU/Linux 6 (64-bit)	\$902	1	3	0.25	100	2
VM-113506	Other 2.6.x Linux (64-bit)	\$956	1	86	2	95	20
VM-101431	Other Linux (32-bit)	\$898	1	3	0.13	90	1
VM-1608625	Ubuntu Linux (64-bit)	\$1,194	2		2		80
VM-1454306	Red Hat Enterprise Linux 6 (64-bit)	\$1,192	2	0	8	34	60
VM-707	CentOS 4/5/6 (32-bit)	\$1,081	1	2	0.25	99	80
VM-704404	Ubuntu Linux (64-bit)	\$1,684	4	19	7.81	92	186.45
VM-258621	Red Hat Enterprise Linux 6 (64-bit)	\$1,140	2	2	4	97	50