

What is the Hybrid Cloud Assessment?

Groupware Technology's service offering, provided by Cloud Physics. Our Hybrid Cloud Assessment is the fastest way to start planning your cloud migration strategy. Within minutes of activation, CloudPhysics will map your entire VMware infrastructure against current pricing and configuration options from Amazon AWS and Microsoft Azure.

CloudPhysics has built customized analytics and cost calculators to give you the most advanced tools available as you plan and design your hybrid cloud architecture and migration strategy.

Leverage the Hybrid Cloud Assessment for the following use cases:

- **Compare cloud costs**
 CloudPhysics will help you map your existing environment against the latest pricing and configuration options from Amazon AWS and Microsoft Azure.
- **Right-size your virtual machines**
 Use CloudPhysics to right-size the CPU, memory, and storage footprint of your virtual machines before moving to the cloud. Don't pay for what you don't need!
- **Optimize the workloads that remain on-premises**
 CloudPhysics can help ensure the workloads that remain on-premises are running on the most cost-effective infrastructure possible.

How Does It Work?

- Download and activate the CloudPhysics virtual appliance. This process takes less than 10 minutes.
- CloudPhysics will collect and analyze performance and configuration metadata on the entire virtual infrastructure.
- Results are presented in easy-to-understand dashboards and analytics.
- Review results with CloudPhysics and your technology partner to plan your cloud migration strategy.
- Benchmarking key parameters against the CloudPhysics community, VMware best practices and the global Knowledge Base.

Key Benefits

- The fastest way to start planning cloud migration strategy
- Customized analytics and cost calculators offering the most advanced tools available
- Minutes to activation and results

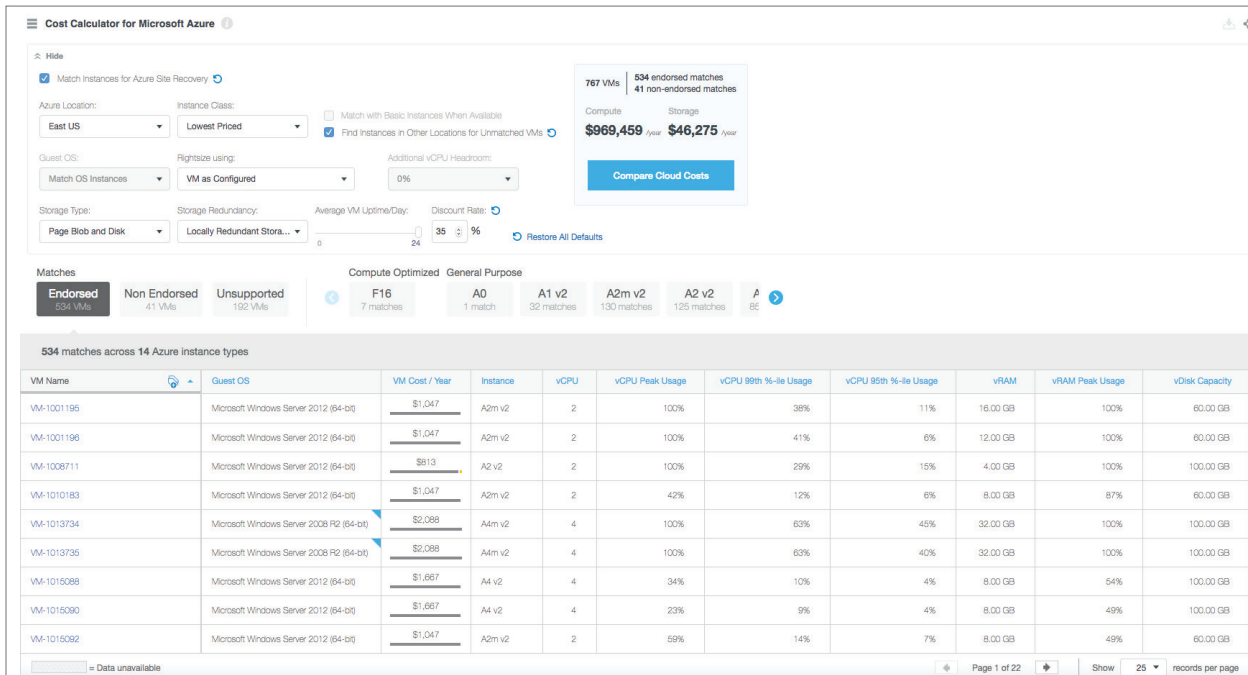
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The screenshot shows the 'Cost Calculator for AWS' interface. It includes filters for AWS Location (US West N. California), Storage Type (Throughput Optimized HDD), Term Length (3 Years), Average VM Uptime/Day (24), and Payment Option (All Upfront). A summary box indicates 708 VMs / 708 matched, with a cost of \$720,448 compared to a savings of \$142,460 (20% savings) compared to On-Demand. Below the filters, there are tabs for 'Matched' (708 VMs) and 'Unmatched' (54 VMs). A table lists 708 matches across EC2 instance types with columns for VM Name, Guest OS, VM Cost / Year, Instance, vCPU, vCPU Peak Usage, vCPU 80% 1h-1h Usage, vCPU 80% 1h-1h Usage, vRAM, vRAM Peak Usage, and vDisk Capacity.

VM Name	Guest OS	VM Cost / Year	Instance	vCPU	vCPU Peak Usage	vCPU 80% 1h-1h Usage	vCPU 80% 1h-1h Usage	vRAM	vRAM Peak Usage	vDisk Capacity
VM-1021195	Microsoft Windows Server 2012 (64-bit)	\$1,332	r4.large	2	100%	38%	12%	16.00 GB	100%	60.00 GB
VM-1021196	Microsoft Windows Server 2012 (64-bit)	\$1,332	r4.large	2	100%	44%	6%	12.00 GB	100%	60.00 GB
VM-1028711	Microsoft Windows Server 2012 (64-bit)	\$459	t2.medium	2	88%	20%	10%	4.00 GB	100%	100.00 GB
VM-1021059	Microsoft Windows Server 2012 (64-bit)	\$780	t2.large	3	72%	14%	6%	8.00 GB	87%	60.00 GB
VM-1023704	Microsoft Windows Server 2008 R2 (64-bit)	\$2,616	t2.2xlarge	4	97%	63%	30%	32.00 GB	100%	100.00 GB
VM-1013726	Microsoft Windows Server 2008 R2 (64-bit)	\$2,616	t2.2xlarge	4	100%	63%	42%	32.00 GB	100%	100.00 GB

Why CloudPhysics?

- **15 Minutes to insights**
No Software to install, no agents to deploy, no upgrades, no patches.
- **Deep VMware expertise**
Founded by VMware engineers who developed core ESX feature sets and APIs.
- **Highest resolution performance data**
We collect performance data at 20-second intervals for highest fidelity insights.
- **Data science delivered to you**
Our data scientists perform the analysis and present actionable insights through intuitive dashboards.



VM Name	Guest OS	VM Cost / Year	Instance	vCPU	vCPU Peak Usage	vCPU 99th %-ile Usage	vCPU 95th %-ile Usage	vRAM	vRAM Peak Usage	vDisk Capacity
VM-1001195	Microsoft Windows Server 2012 (64-bit)	\$1,047	A2m v2	2	100%	38%	11%	16.00 GB	100%	60.00 GB
VM-1001196	Microsoft Windows Server 2012 (64-bit)	\$1,047	A2m v2	2	100%	41%	6%	12.00 GB	100%	60.00 GB
VM-1008711	Microsoft Windows Server 2012 (64-bit)	\$813	A2 v2	2	100%	29%	15%	4.00 GB	100%	100.00 GB
VM-1010183	Microsoft Windows Server 2012 (64-bit)	\$1,047	A2m v2	2	42%	12%	6%	8.00 GB	87%	60.00 GB
VM-1013734	Microsoft Windows Server 2008 R2 (64-bit)	\$2,088	A4m v2	4	100%	63%	45%	32.00 GB	100%	100.00 GB
VM-1013735	Microsoft Windows Server 2008 R2 (64-bit)	\$2,088	A4m v2	4	100%	63%	40%	32.00 GB	100%	100.00 GB
VM-1015088	Microsoft Windows Server 2012 (64-bit)	\$1,667	A4 v2	4	34%	10%	4%	8.00 GB	54%	100.00 GB
VM-1015090	Microsoft Windows Server 2012 (64-bit)	\$1,667	A4 v2	4	23%	9%	4%	8.00 GB	49%	100.00 GB
VM-1015092	Microsoft Windows Server 2012 (64-bit)	\$1,047	A2m v2	2	59%	14%	7%	8.00 GB	49%	60.00 GB

About CloudPhysics

CloudPhysics provides data-driven insights for smarter IT, giving IT teams more power than ever before to understand, troubleshoot and optimize their virtualized data centers and drive better operational decision making. The company, based in Santa Clara, California, serves thousands of users worldwide and is backed by Mayfield, Kleiner Perkins Caufield & Byers and Jafco Ventures.

About Groupware Technology

We deliver flexible, forward-thinking IT solutions to accelerate innovation and growth. Our engineering team will expertly architect solutions to meet business objectives while providing a roadmap toward cloud and next generation IT infrastructures. We provide end-to-end services in assessment, design, testing, procurement, integration and support.