Certero Virtualization Connector

Full visibility of your virtual environment, enriched with configuration, relationship and usage data for informed business decision making.

Virtual environments such as Microsoft Hyper-V, VMware and Citrix bring the promise of cost reductions through IT consolidation and efficient use of resource, but it is quickly being noted that with these benefits software licensing becomes much more complex.

Challenge

Virtualization can have substantial cost benefits to an organization but if not correctly managed the cost benefits can be quickly eradicated; take Oracle and VMware for example…

If you implement VMware and you run an Oracle estate within that environment, you may need to license more than just the host that Oracle is installed upon; depending upon the virtualization version deployed and its ability to "live migrate" virtual guests among hosts. This is due to Oracle's soft partitioning policy which means that all hosts that *could* potentially run the software must be licensed accordingly.

As you can imagine, if not done correctly this can become expensive and easily overlooked. We have come across many organizations who have made this mistake and usually it is only picked up during an audit leading to a large true-up costs and hefty financial penalties.

Visibility

To manage your virtual environment you need to understand your virtual estate. It is important that you are able to:

○ Have full visibility of all datacenters in your IT estate

○ Have visibility of the physical servers that make up your datacenters

○ Understand the relationship between your physical and virtual resources

○ Understand the physical resources that your virtual servers/ desktops are using

○ Understand the virtualization technology that is deployed in your IT estate and how is it configured
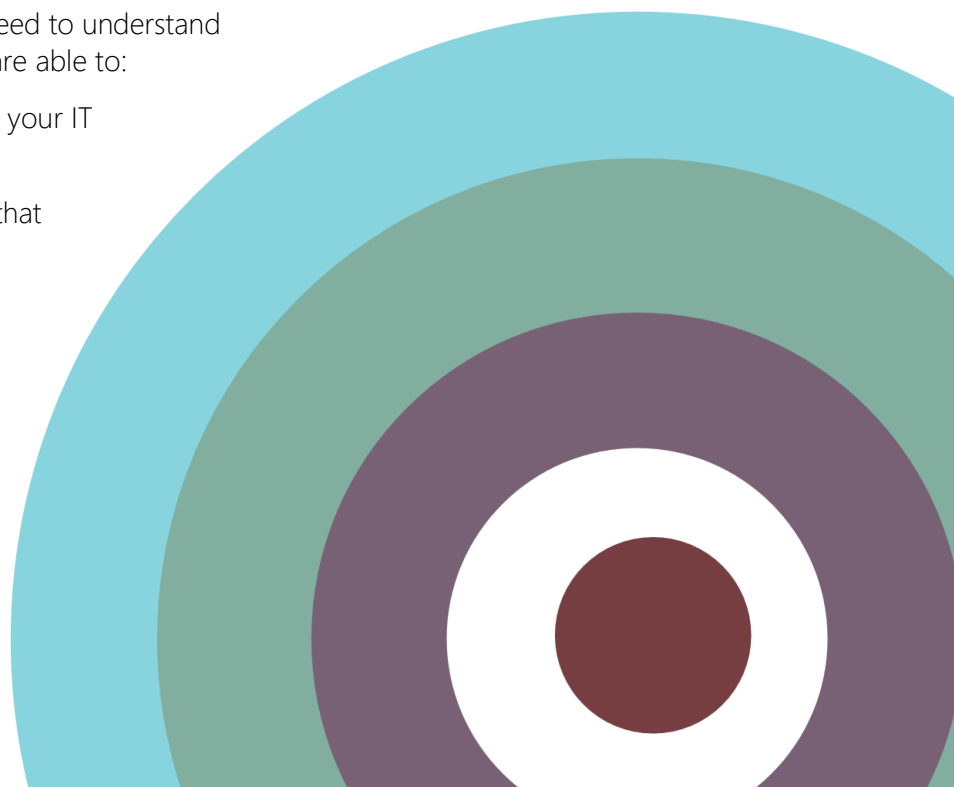
Solution

The Certero virtualization connector, gives you confidence that you are tracking all aspects of your IT estate.

○ Track Virtual Guest movement across hosts, including the date it moved and the time spent on each host.

○ Get full visibility of your assets by collecting essential information such as: Disk, Installed guest machines, Network interfaces, Manufacturer, Model, Memory, Processor.

○ Control VM sprawl with the ability to highlight and pro-actively alert on unused or underutilized resources, allowing you to make substantial savings.

○ Track the increasing usage of your virtual environment allowing you to plan for future resource and infrastructure needs.

○ Secure your IT estate by proactively monitoring build levels and creating alerts and dashboards for at risk devices.

○ View the relationship between different applications allowing you to make informed decisions on software license and compliance.

○ Take advantage of the virtualization connectors in-build licensing expertise, removing the guess work.

○ Get automated real time effective license positions for your virtualized estate, giving you a single source of truth for license compliance. Removing the need for manual, static ELP's generated through spreadsheets.

○ Streamline cross charging: assign resources to certain organization groups and departments making is quick and simple to cross charge resource.

○ Build engaging stakeholder reports that you can share throughout your organization. Our in-built reporting engine allows you to visualize data in a way that suits your stakeholders.

Information Collected

Host information: Host Name, Host location, Cluster Name, CPU Count, Cores Per CPU, Datastores

Guest (VM/Partition/Zone): Name, Operating System, CPU Allocation/Usage

Operating System Host and/or Guest: Name, Version, Edition

CPU Host: Vendor/Brand, Name, Socket Count (of hardware/server), Sockets Occupied (CPU Count), Cores Per CPU, Hyperthreading, CPU Pools

CPU Guest: Virtual CPU (Cores/ Threads/ Fractions), CPU Pools, Capped/Uncapped

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About Certero

At Certero, we're passionate about customer success. It doesn't matter how great our SAM tools are or how fantastic our Unified Platform is if our users aren't happy. We broke the mold when we developed the world's only truly Unified Platform for both SAM & ITAM stakeholders. No more disparate products, separate code bases and user interfaces. That's why our customers don't need to pay extra for expensive integration work, why setup is painless and how we've been able to build unrivalled functionality and automation.