Improve sustainability through energy insights

with Dell OpenManage Enterprise Power Manager 3.0

Many companies are eager to put sustainability actions in place that will aid in the fight against global warming. But for IT, that's often easier said than done.

People: Retain performance

Reducing data center power consumption typically starts with measuring power consumption. Collecting this data from each server manually can be a very time-intensive process.

Maximize uptime and control energy use from a single console

We found that through Dell OpenManage Enterprise Power Manager 3.0 features, we could collect server utilization metrics as well as location information and power consumption data to identify physical and virtual resources that consume high amounts of energy or underutilized power resources.

Planet: Reduce carbon emissions

Prioritize sustainability within your existing data center infrastructure—automations in the Power Manager 3.0 plug-in make it easier to do your part.

How carbon emission tracking works within the GUI

With the Power Manager 3.0 Emission Conversion Factor feature, IT can use the default values to approximate carbon dioxide emission levels based on energy consumed, or customize values based on local energy models and set a factor to determine the carbon dioxide emission levels per unit of energy consumed.

Profits: Optimize infrastructure

Visibility, agility, and infrastructure optimization can enable you to act on sustainability meaningfully without jeopardizing your bottom line.

Energy cost calculator

The Power Manager 3.0 plug-in enables IT staff to calculate energy and carbon emissions cost per unit for devices managed and monitored through the OME console. When coupled with the Power Manager 3.0 server utilization metrics, these tools can guide consolidation efforts to reduce unused server overhead and allow for the reduction of physical servers, which in turn reduces both energy- and carbon-related costs.

With the Dell OpenManage Enterprise Power Manager 3.0 plug-in, we found that data center managers are privy to end-to-end data center insights. These automated insights and reports provide useful information that can enable IT staff to quickly respond to power issues, improve overall power usage, and track greenhouse gas emissions for servers, racks, and groups.

Learn more at https://facts.pt/SZ3MhkK

Principled Technologies®