



Stop a power zombie apocalypse Using Dell EMC OpenManage Enterprise Power Manager

Power zombies, also known as ghost servers or comatose servers, have voracious appetites. These undead servers can waste precious floor space, spike energy costs, and gnaw on staffing budgets. However, if you have Dell EMC™ OpenManage™ Enterprise Power Manager in place, your power zombie survival plan is already in motion.



RULES OF SURVIVAL

1. Track power usage.
2. Detect power zombies.
3. Remediate the problem.
4. Eliminate the threat.

99% LESS TIME

AND EFFORT TO DETECT POWER ZOMBIES WITH
OPENMANAGE POWER MANAGER

206 fewer minutes and 1,613 fewer steps

vs. manually tracking a suspected power zombie over 180 days

POWER ZOMBIE ORIGIN STORIES



THE FORGOTTEN: In its day, this server ran mission-critical workloads, but IT moved those workloads to newer models and failed to shut this legacy server down.

THE INSURANCE PLAN: When this server's financial workload went away, IT kept it up and running in case they needed to recover the data later—but now that a more robust recovery plan is in place, this server is unnecessary.

THE INVISIBLE: This server contains a virtualized application and fell off the radar during a personnel change. It cycles up only once or twice a year.

THE BOMB: No one remembers the functions of the apps running on this server, so to be safe, no one unplugs it.

Automating the war on power zombies

Based on our testing, we estimate that manually scouring Dell iDRAC9 server health logs and recording power consumption results on a spreadsheet over the course of 180 days would devour a lot of valuable SysAdmin time and effort before anyone could rehabilitate or decommission a single undead server. By comparison, our power-zombie-hunter admin had only to create a policy-based automation on day one and let the Power Manager plugin do all the heavy lifting for 180 days.

Time and steps to track those power zombies!

Time (hh:mm:ss), lower is better

| 0:00:31

3:27:00

Steps, lower is better

| 7

1,620

■ OpenManage Enterprise Power Manager

■ Manual effort over 180 days

Your Power Manager arsenal

Dell EMC OpenManage Enterprise Power Manager automatic data collection makes it easy for admins to spot power zombies lurking in the shadows.

METRICS AND
MONITORING HISTORY

THERMAL HISTORY

I/O UTILIZATION
HISTORY

Historically, hunting power-zombie servers took a lot of time and effort. With Dell EMC OpenManage Enterprise Power Manager automation, your power zombie survival plan is a no-brainer. OpenManage Enterprise Power Manager automatically collects power consumption data and shows CPU, I/O, and power usage. This empowers your zombie-hunting admins to more efficiently track down power zombies, clear precious floor space faster, and reclaim energy costs currently being devoured by undead servers.

Learn more at <http://facts.pt/fJ2TOT0>