



Executive summary

Get flexible, feature-rich datacenter management at a lower cost

The Dell EMC PowerEdge FX2 with OpenManage can save time for IT admins compared to HPE Synergy with OneView

When you're considering a modular solution for your datacenter, the IT staff dedicated to datacenter management will likely have a number of questions. How much time and effort will they need to spend managing it? Can they still use their existing toolsets and processes? Will the solution fit neatly into the current management infrastructure? And perhaps most important for your decision-makers: how much will it cost? Organizations of every size must answer these questions before any new datacenter purchase.

After comparing the hands-on management experience of the Dell EMC™ PowerEdge™ FX2 server using 14th generation Dell EMC FC640 compute sleds with Dell EMC OpenManage™ Systems Management solution to that of HPE Synergy with embedded HPE OneView, we found that the Dell EMC solution saved time in multiple use cases, offered feature-rich integrations with Microsoft® System Center and VMware vCenter®, and had a lower price tag than the HPE solution.

The following page summarizes why your IT admins and your CFO might thank you for choosing the Dell EMC solution.



Dell EMC
PowerEdge FX2 chassis
with FC640 modular servers



up to 97% faster
when deploying multiple
Windows® servers



up to 89% faster
when using OpenManage
Integration for Microsoft System
Center to deploy firmware
updates



up to 36% less cost
on an initial six-node
purchase compared
to HPE Synergy

Dell EMC PowerEdge FX2 + OpenManage: Simpler, faster management options for new and existing datacenters

The Dell EMC PowerEdge FX2 is a modular platform that combines servers, storage, and networking in a single small chassis. Your IT admins can manage an FX2 and its resources in one or more of the following ways:

- Dell EMC Chassis Management Controller (CMC) for direct hardware management
- Dell EMC OpenManage Essentials for wider-ranging, centralized management to control entire datacenters
- OpenManage integrations for familiar VMware and Microsoft tools

HPE OneView, the primary management tool for Synergy, has some limitations compared to OpenManage. For example, the embedded OneView 3.0 environment can manage only the HPE systems within the Synergy platform. IT admins must use a second, separate, global OneView environment to deploy and manage non-HPE hardware in the datacenter. Managing multiple OneView windows can be a time-consuming headache for IT admins and can increase the chance for errors.

Save time deploying Windows Server using OpenManage Essentials

If your IT admins spend less time on management tasks, they have more time to focus on other crucial datacenter initiatives. We found the following time savings when using OpenManage compared to using OneView:

- 97 percent less time (over an hour and 10 minutes faster) to deploy three Windows servers after initial setup and profile creation
- 91 percent less time (22 minutes faster) to deploy a single Windows server
- 27 percent less time (nearly 20 seconds faster) to update firmware for three Windows servers after some initial configuration

Simplify management with powerful third-party integrations

Both solutions offer VMware and Microsoft integrations, but the OpenManage integrations have features that those for OneView do not. In addition to saving time on several tasks (see the report for more information), the OpenManage integrations offer the following advantages:

	Dell EMC	HPE
VMware vCenter integration		
Update firmware	✓	✗
Create a deployment template	✓	✗
Microsoft System Center integration		
Configure replacement hardware with previously known settings	✓	✗
Create operational templates based on specific hardware	✓	✗
Monitor performance of hardware and virtual layers	✓	✗
Track the warranties of apps, firmware, and server and storage nodes	✓	✗

Save money on your initial purchase

The FX2 solution costs up to 36 percent less than the Synergy solution. This cost savings is a compelling argument for the FX2, as any organization can benefit from spending less on their new tech.

Read the full report at <http://facts.pt/pMeXNH> ▶



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