



Dell EMC™ PowerEdge™ MX platform  
powered by Intel® Xeon® Scalable processors

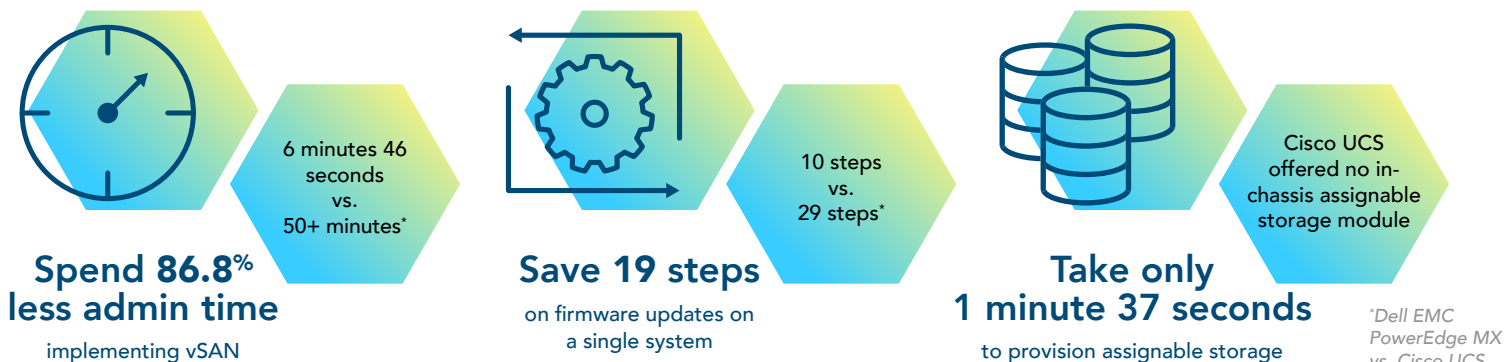
## Save IT admin time with the Dell EMC PowerEdge MX platform and OpenManage Enterprise

The Dell EMC PowerEdge MX solution required 86.8 percent less admin time to implement VMware vSAN and 19 fewer steps to update firmware on a single system versus a Cisco UCS solution

Your business is dynamic—why isn't your data center management? Outdated servers and unwieldy management tools can monopolize your IT team's time and inhibit admins from responding to business needs as they arise. The Dell EMC™ PowerEdge™ MX platform offers a solution: its flexible infrastructure, paired with OpenManage™ Enterprise, can help IT admins carry out common management tasks quickly and easily, freeing them for more strategic IT work.

We tested the Dell EMC PowerEdge MX against a Cisco UCS® solution, measuring the admin time and steps required for some typical management tasks. The Dell EMC solution enabled our admin to implement VMware vSAN™ in 86.8 percent less admin time and save 19 steps (and spend 73.9 percent less admin time) updating firmware on a single system. The PowerEdge MX also took under two minutes of admin time to provision storage internally. The Cisco UCS solution, meanwhile, offered no in-chassis assignable storage module, forcing admins needing storage to redeploy to standalone servers—a process that could increase management complexity and hardware costs.

With the Dell EMC PowerEdge MX platform and OpenManage Enterprise, IT admins can stop wasting time on repetitive management tasks and focus on initiatives that grow your business.



## Implement VMware vSAN in 86.8 percent less time

Often, IT admins will leverage available storage in hypervisor hosts to enable VMware vSAN members to share their local storage across an entire cluster. On the Dell EMC PowerEdge MX solution, this process took 86.8 percent less admin time than it did on the Cisco UCS solution, which required 59 additional steps and over 51 minutes of admin time.

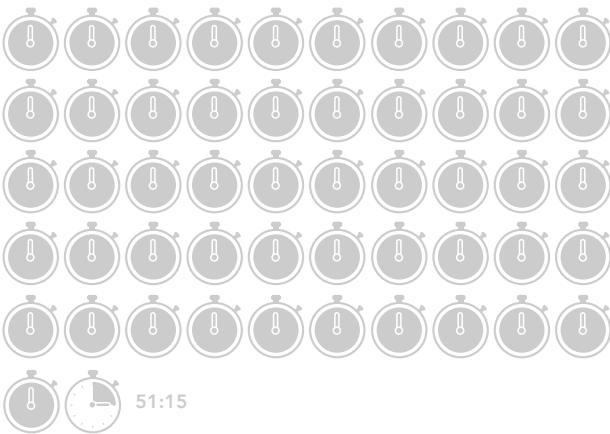
### Implementing VMware vSAN

Less time is better  
minutes:seconds

Dell EMC PowerEdge MX solution



Cisco UCS solution



## Update firmware on a single system in 19 fewer steps

We measured the time and steps required to perform a single firmware update. With the Dell EMC PowerEdge MX solution, this process took 73.9 percent less admin time and 19 fewer steps than the over six and a half minutes of admin time and 29 steps that the Cisco UCS solution required.

## Take only 1 minute 37 seconds to provision assignable storage

The Dell EMC PowerEdge MX chassis supports an SAS drive sled from which admins can add and assign more disks, dynamically adding or removing storage as they need. In our testing, this process took just one minute and 37 seconds of admin time and only five steps. The Cisco UCS solution has no drive sled from which to assign additional storage; admins could only add storage by expanding to SAN.

## Spend 91.3 percent less admin time deploying three successive server nodes

We measured which system could help IT admins deploy server nodes faster and more efficiently:

- **Test 1:** We measured the admin time and steps required to build a profile template and deploy a server node. The Dell EMC solution handled the deployment in 45.2 percent less admin time than the Cisco UCS solution.
- **Test 2:** With the profile template already built, we deployed an additional node on each solution. The Dell EMC solution completed the task in just 43 seconds of admin time—76.6 percent less time than the Cisco UCS system.
- **Test 3:** When we performed three subsequent deployments, the Dell EMC platform took 91.3 percent less admin time than the Cisco UCS solution.

The Dell EMC solution's steady progress indicates that its advantage over the Cisco UCS solution would only continue to grow. Whether your admins needed to deploy 10 servers or 1,000, they would benefit from the time and steps savings offered by the Dell EMC PowerEdge MX.

### Deploying 3x server nodes (subsequent multiple instances)

Less time is better  
minutes:seconds

Dell EMC PowerEdge MX solution



Cisco UCS solution



To find out more about Dell EMC PowerEdge MX, visit <https://www.dell.com/en-us/servers/modular-infrastructure.htm>

Read the report at <http://facts.pt/sa2cwiu>



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