New VMware vSphere 7.0 features reduced the time and complexity of routine update and hardware compliance tasks

On a cluster of multigenerational Dell EMC PowerEdge servers, vSphere Lifecycle Manager (vLCM) and Quick Boot, along with OpenManage Integration for VMware vCenter Server (OMIVV), automated tasks to save time

We performed tasks both manually and using the above tools.

Time to update the hypervisor across the cluster (eight-node cluster, time in h:mm:ss)

vLCM with Quick Boot enabled

0:31:37 (admin time: 0:02:21, system time: 0:29:16)

vLCM without Quick Boot enabled

0:47:50 (admin time: 0:02:56, system time: 0:44:54)

Manually

2:53:36 (admin time: 1:23:33, system time: 1:30:03)

■ Admin time   ■ System time

34x faster Hands-on admin time was <3 minutes vs. 1.3 hours manually

Time to update cluster hypervisor and firmware across a cluster (eight-node cluster, time in h:mm:ss)

vLCM with OMIVV

2:42:02
0:03:16   2:38:46

Manually

8:33:01
3:48:09   4:44:52

■ Admin time   ■ System time

68x faster Hands-on admin time was <4 minutes vs. 3.5 hours manually

Admin time to check hardware compatibility (single-node, time in mm:ss)

vLCM

02:49

Manually

23:00

7x faster Save up to 20 minutes per node completing hardware compatibility checks

In a virtualized environment, IT admins must regularly update servers with the latest hypervisor and firmware versions, as well as verify the compatibility of new hardware, driver, and firmware combinations. With the right tools, these tasks can take minutes rather than hours.

Learn more at http://facts.pt/chz3xgi