# Make server management easier and strengthen security with tools from Dell

We compared capabilities of the Dell and Supermicro server management portfolios. Dell management tools made deployment and updates easier, offered more comprehensive security, and provided more robust infrastructure analytics.

## Easier firmware updates

by setting up automatic updates in

### 74 seconds

with iDRAC9 vs. no automatic updates in Supermicro IPMI

### Dell offered automatic updating

Automated online updates with iDRAC9, with scheduling options

Dell™ OME allows automatic firmware updates and creation of custom firmware repositories

## Strengthen security

through dynamic USB configuration in just

### 37 seconds

with no system downtime

with iDRAC9

### Dell offered more comprehensive and easier-to-use security controls

iDRAC9 dynamically enables and disables server front USB ports with no reboots, unlike Supermicro

## Agentless lifecycle management

to ease monitoring and management

in Dell OME

### Dell offered easier monitoring and management

Full, agentless lifecycle management via Dell OME, while Supermicro® SSM requires additional specific server agents for management

## The tools we tested:

| | Dell solution | Supermicro solution |
|---|---|---|
| **Embedded/remote server management** | iDRAC9 (Integrated Dell Remote Access Controller) | Supermicro Intelligent Management (IPMI) |
| **One-to-many device management from a console** | Dell OpenManage™ Enterprise (OME) | Supermicro Server Manager (SSM) |

Learn more at https://facts.pt/V5fDf06

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