

Prowess Testing Demonstrates the Value of Deploying Dell EMC™ PowerEdge™ R750 Servers with Windows Server 2022 Preinstalled

Research Abstract

Executive Summary

Windows Server 2022 is now generally available; this is good news for organizations with a pressing need for stronger security postures. Windows Server 2022 offers multi-layer security: certified secured-core hardware from OEM partners, a hardware root-of-trust, firmware protection, and more.

But migrating to Windows Server 2022 requires time and budget—both of which might be difficult to come by, as many organizations run lean when it comes to IT.

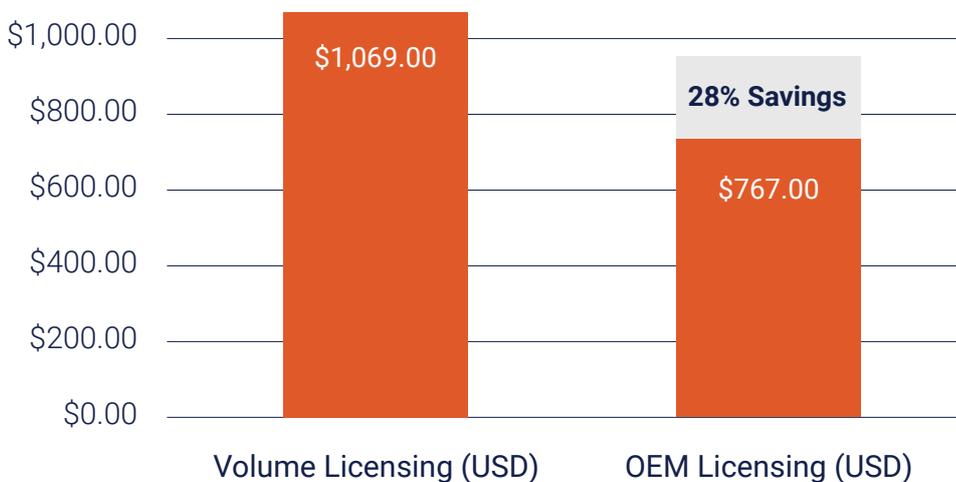
Prowess Consulting ran tests to determine the fastest way to deploy Windows Server 2022 on Dell EMC™ PowerEdge™ R750 servers. Prowess compared deploying Windows Server 2022 using preinstalled software obtained through OEM licensing against deploying Windows Server 2022 using a manual installation process as part of a Windows volume licensing purchase. Prowess discovered that using preinstalled Windows Server 2022 software obtained through OEM licensing was faster, less expensive, simpler, and provided better technical support.¹

Windows Server® 2022 OEM licensing:

Faster, less-expensive, simpler, and with better support.



Licensing cost of Windows Server® 2022 Standard on a Dell EMC™ PowerEdge™ R750 Server



Windows Server 2022 Preinstalled Delivers Significant Time Savings

Prowess determined that deploying a Dell EMC PowerEdge R750 server with Windows Server 2022 preinstalled saved up to 30 minutes and 32 seconds per server (or 59 individual IT tasks) for an up to 84 percent decrease in time required when compared to deploying a Dell EMC PowerEdge R750 server and installing Windows Server 2022 manually.¹

Table 1. Prowess testing results: deployment time and deployment steps

Windows Server 2022 Licensing Approach	Deployment Time	Deployment Steps
Preinstalled through OEM licensing	6 minutes, 1 second	9 steps
Manually installed with volume licensing	36 minutes, 33 seconds	68 steps
Savings	30 minutes, 32 seconds	59 steps

Additionally, the consolidated technical support available for PowerEdge servers with Windows OEM licensing needs to be factored into an organization’s decision making. Organizations purchasing Dell OEM licensing can add Dell ProSupport™ IT-management services to their contract. This single point of contact saves time when issues arise.

Save Time, Money, and Effort Deploying Windows Server 2022

For lean organizations with limited IT staff and budget, the decision to use Dell EMC PowerEdge servers with OEM licensing and Windows Server 2022 preinstalled can yield significant benefits compared to manual installation. Prowess Consulting testing and analysis demonstrates the following:

- Organizations can decrease deployment time by up to 84 percent—with 59 fewer steps.¹
- Windows OEM licensing costs 28 percent less than Windows volume licensing.²
- Organizations can obtain a single source for robust technical support, which can help save additional time and costs.

Deploy Windows Server 2022 faster and gain new security features for an improved security posture by selecting OEM licensing.

Learn More

Read "[Testing the Value of Dell EMC™ PowerEdge™ R750 Servers with Windows Server® 2022 Preinstalled Software.](#)"

¹ Prowess Consulting. "Testing the Value of Dell EMC™ PowerEdge™ R750 Servers with Windows Server® 2022 Preinstalled Software." December 2021.

² Windows Server 2022 Standard, 16 cores pricing for a Dell EMC™ PowerEdge™ R750 PowerEdge server comparison based on data from www.dell.com/en-us/work/shop/servers-storage-and-networking/poweredge-r750-rack-server/spd/poweredge-r750/pe_r750_14794a_vi_vp and www.microsoft.com/en-us/windows-server/pricing. At the time of this writing, microsoft.com shows \$767 USD for OEM licensing and \$1,069 USD for volume licensing. This does not include hardware or user client-access licenses (CALs). This is a difference of \$302 USD, or 28 percent.



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