Dell Servers, Generative AI, and Data Management

Generative AI (GenAI) has introduced new feasibility. Organizations of all sizes are scrambling to assemble teams and strategies to assess and potentially deploy GenAI technologies and solutions. Dell Technologies and others, including traditional data center expertise, and partners can help organizations address new challenges and opportunities. Dell offers a wide range of servers and solutions, powered by technologies that help organizations harness scalable architectures that are specifically designed and deployed for new workloads, including GenAI.

Organizations and GenAI

To assess the state of all IT strategies and plans, TechTarget’s Enterprise Strategy Group surveyed IT professionals and business decision-makers in North America (56%), EMEA (26%), APAC (15%), and LATAM (5%) and LATAM (2%) who were involved with GenAI in their organization. Organizations are expected to increasingly turn to GenAI to accelerate business and IT operations, as GenAI can improve automation, data analytics, employee productivity, customer experience, content creation, and other crucial everyday tasks and processes.

GenAI Benefits

Enterprize Strategy Group research shows the top three benefits of GenAI. The depth of responses indicates that organizations are aware of GenAI’s potential to transform IT and business operations.

- 53% Improving and/or automating processes and workflows
- 52% Supporting data analytics and business intelligence
- 51% Increasing employee productivity

GenAI Use Cases

GenAI has the potential to be pervasive across any organization, with multiple use cases, which makes it highly compelling. When it comes to GenAI projects, Enterprise Strategy Group research shows that organizations are prioritizing:

- 31% Data insights
- 24% Chatbots
- 23% Employee productivity
- 23% Content creation

GenAI Providers

Among organizations that currently work, or plan to work, with a third party to support their GenAI initiatives:

- 54% prefer to work with a holistic provider that offers broad services across infrastructure and data ecosystems.
- 44% prefer to work with a specialized GenAI vendor.
- 31% prefer a vendor that offers initial AI solutions designed for a particular use case or industry.

Dell and GenAI

Dell is offering a new suite of GenAI products and services to help organizations gain insights and enable faster decision making. This new suite includes:

- Dell-validated Design for Generative AI with NVIDIA
- Dell Professional Services for Generative AI
- Dell Generative AI Advisory Services
- Dell Generative AI Implementation Services
- Dell Generative AI Acceleration Services
- Dell Generative AI Scaling Services
- Dell Precision workstations with expanded GPU configurations.

Dell and GenAI Data Management

Organizations want to better manage their data and have trusted GenAI technologies within their partnerships. RPM Partners can help organizations pair data with AI. The Dell-Gemini solution designed specifically for mission-critical IT environments and GenAI services offer the following data management benefits:

- Flexible consumption options
- Business and data alignment with data optimization services
- Industry-leading QuickIO performance to meet demanding organizational needs
- Better outcomes with the ability to better define guardrails and training criteria
- The ability to meet real-time needs and avoid data gravity by adding models to work anywhere
- Secure access to protect data sovereignty

Conclusion

GenAI has exploded onto the scene in a highly disruptive fashion and is considered largely beneficial by organizations. Time is of the essence, as GenAI laggards will likely face sizeable challenges from competitors that did not wait to integrate GenAI into their ecosystems and reap the benefits:

- 47% say GenAI could yield highly lucrative returns.
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For more information regarding Dell GenAI solutions, please click the link below.

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