

Here's an overview of **Dell cloud-related quality and performance services**, with pointers to where each fits in the portfolio.

1. Multicloud & Cloud Infrastructure Services

Dell positions **Multicloud Services** as the core umbrella for designing, building, and optimizing cloud environments (on-prem, public cloud, edge). These services focus heavily on **performance, reliability and operational quality** across platforms like Microsoft, Nutanix, Red Hat and VMware by Broadcom.

Key elements:

- **Multicloud Adoption Framework** – Advisory to design a “cloud by design” approach, ensuring you choose the right landing zone for each workload for performance, cost, and risk.
- **Data Center Assessment & Modernization** – Assess current infrastructure, identify bottlenecks, and design upgrades that increase **performance and efficiency** (compute, storage, network) while preparing for future workloads (including AI).
- **App and Workload Optimization** – Optimize application placement (on-prem vs public cloud vs edge), tuning performance while controlling cost and improving user experience.
- **Fully Managed Data Centers & Multicloud Operating Model Services** – Operating model redesign, including process and tooling, to ensure consistent quality of service and SLAs across clouds and locations.

These services are about building a **high-performance, resilient multicloud foundation** and continuously optimizing it as platforms and business needs change.

2. Data & Application Services (Application Performance and Quality)

Data and Applications Services address application modernization, data platform design, and analytics performance, particularly on Microsoft Azure and related ecosystems.

Relevant offerings:

- **Application Modernization Services on Microsoft Azure** – Modernize monolithic or legacy apps to cloud-native architectures, improving **scalability, responsiveness, and reliability**.

- **Application Profiling Advisory / Application Portfolio Optimization** – Analyze your app portfolio to match each application with the best cloud consumption model (IaaS, PaaS, SaaS, on-prem), guided by performance, latency, and quality requirements.
- **DevOps Transformation Services** – Improve software delivery performance (release frequency, failure rate, MTTR) through CI/CD, infrastructure as code, and observability practices.
- **Data Analytics & Cloud Database Implementation** – Design and implement high-performance data platforms (e.g., Azure analytics stacks, SQL Server, Power BI) that ensure **quality, trusted data** and fast analytical performance.

These services improve **end-to-end application and data performance** and support continuous quality improvements as you move more workloads into cloud models.

3. Services for AI & High-Performance Workloads in Cloud Context

While not limited to cloud, Dell's **AI solutions and services** explicitly focus on **high performance and quality of outcomes** across on-prem, edge, and cloud deployments.

Highlights:

- **Professional services for AI (Dell AI Factory approach)** – End-to-end services to design, deploy, and operate AI infrastructure and workloads, ensuring:
 - Right-sized infrastructure for model complexity, data volume, and deployment location (on-prem, edge, cloud).
 - Performance tuning across servers, storage, networking, and software stacks.
- **Dell AI Factory with NVIDIA** – Includes implementation, advisory and managed services to ensure **peak performance and reliability** of AI workloads, including on cloud-connected environments.

These services matter if your “cloud quality and performance” focus includes **AI or data-intensive workloads** where latency, throughput, and reliability are critical.

4. How These Map to “Quality and Performance” Outcomes

Across these portfolios, Dell cloud-related services typically target:

- **Performance optimization**
 - Matching workloads to the right platform (on-prem, multicloud, edge).
 - Optimizing data center architecture, storage, and network for throughput and latency.
- **Service quality & reliability**
 - Operating model design, processes, and tooling to achieve consistent SLAs across clouds.
 - Managed services and residency services to maintain high service quality over time.
- **Application and data quality**
 - Application modernization and DevOps to improve code quality and release stability.
 - Data management and analytics services to ensure reliable, high-quality data fueling cloud workloads.