

Galileo for Capacity Planning

Without adequate monitoring and planning, the performance of your most critical applications and assets can suffer considerably. An imbalance in available data center resources can result in usability issues such as latency and packet loss and can lead to more severe complications including downtime and user frustration. As the number of complex, data-intensive applications required for daily operations increase (while budgets for supporting initiatives decline), capacity planning becomes one of the most critical endeavors for IT teams.

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Effective capacity planning means meeting the needs of your internal users and your most key infrastructure systems and applications. This challenge can successfully be met with the features and functionality offered by performance monitoring solution, Galileo Performance Explorer.

Create your unique capacity plan

Galileo Performance Explorer provides the insights you and your IT team require to effectively and accurately gauge your available capacity. With Galileo in place, your team is able to glean a holistic view of your environment and can create a

streamlined capacity plan in just two simple steps:

- **See the big picture:** In order to plan appropriately, you must first understand where you stand currently. Galileo's intuitive dashboards provide capacity and performance metrics about your most crucial IT assets, including server and cloud environments, storage, SAN and database.
- **Leverage predictive analytics:** Capacity planning also requires an in-depth view into the future, which Galileo provides through key predictive analytics including data and usage trends in CPU, memory, IOPS, throughput and latency.

Looking into the future with Galileo

Galileo Performance Explorer supports the creation of intelligent thresholds and critical warnings. Your IT team can establish the appropriate capacity benchmarks and receive a warning when a system is reaching your defined ceiling. In this way, performance issues related to capacity can be addressed proactively, preventing poor user experiences and downtime.

Organizations can leverage Galileo's predictive analytics and visually intuitive charts to see how their infrastructure assets will perform under future environment conditions. This allows

administrators to make sound storage decisions that ensure optimal performance ahead of an upgrade, migration, consolidation, optimization or other critical business or IT initiative.

Supporting the 5 steps to successful capacity planning

Galileo Performance Explorer provides IT managers and key project stakeholders with the in-depth view and metrics needed to support the required steps of capacity planning:

- Define hosts and servers for consolidation analysis
- Define a time frame
- Determine CPU, memory, network and disk usage
- Define growth projection
- Make capacity solution recommendations

Galileo Performance Explorer enables you to view your current environment and see how assets will perform under future scenarios.

Support your upcoming initiatives, ensure performance and simplify the process of capacity planning with Galileo Performance Explorer, the best-in-class predictive monitoring solution.