Vcinity Data Movement

Solution Brief

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Data Movement
Unprecedented speed, predictable performance across distance

BENEFITS

Increased Productivity: Move data faster and more efficiently than before--to reduce time waiting on data... and thereby accelerate time to insights and outcomes.

Improved Security Posture: Improve your risk profile by reducing the time data is in flight (and better protecting it during transit).

Maintain Consistent Experience: Make data quickly and highly available to a decentralized workforce, as it's needed.

Increase Performance: Improve app performance by reducing the effects of latency and time waiting for data transfers.

Reduce Costs: Decrease project timelines and costs, such as migrations, by moving datasets faster.

Challenges

The world is experiencing an explosion of distributed data creation—with rapidly increasing amounts of data being created at the edge, by devices, applications, and users. New compute and analytics capabilities provide more opportunities to derive greater value from data—as long as you can get that data to the right place, at the right time. Moving data from one place to another within your organization provides a multitude of challenges, including doing so in a timely manner without impacting business operations and workflows. Traditional solutions (such as Extreme File Transfer (EFT), WAN optimization, etc.) become more strained as the amount of data, distance or bandwidth increases. The process to move data is often slow, costly, and unpredictable—with data either arriving in less-than-optimal times of the day, becoming stale in transit, or being impacted by existing network limitations. This negatively impacts productivity, puts valuable IP at risk, and makes it more difficult to manage efficient, global operations.

The Vcinity Solution: Data Movement

Vcinity enables you to move data at scale exceptionally fast and more efficiently than ever before across distributed, hybrid, and multi-cloud environments. Now, you can rapidly move data between your edge locations, data centers, remote sites, and public or private cloud(s).

Figure 1: Move your data (file and object) at scale more efficiently and up to 76x faster than before with Vcinity.

Designed with agility in mind, Vcinity's technology (available in hardware or software-only form factors) creates a high-performance tunnel that can be deployed to fit your infrastructure, whether installed at your Hub/datacenter (hardware), Edge (hardware, software), or Cloud (software) locations to move your file and/or object data.

Accelerated data movement benefits a variety of use cases, from one-off initiatives such as cloud migration or repatriation (moving data to and from the cloud(s)), vendor or hardware refreshes (updating to new data stores), or mergers and acquisitions (moving large datasets to new infrastructures) to recurring, critical tasks like backup and recovery or edge-to-cloud data ingest (moving local copies offsite to meet recovery and compliance objectives).