Hammerspace and Vcinity

Fueling AI/ML With Instant Access to Data Everywhere

SOLUTIONS BRIEF

Overview

Accelerate outcomes with instant, ubiquitous access to data

The combination of the Hammerspace data orchestration and Vcinity's ability to move massive amounts of data across long distances empowers companies and organizations to utilize their data far more efficiently regardless of where it is stored.

Solution

Single global file system across all locations: Convert your data into a single, globally-available datasets with fast-as-local performance—while avoiding paying the time or operational penalties of moving data over distance.

True linear scalable performance: Hammerspace parallel file system is ideal for a wide range of workloads including large language models and multi-modal language model.

Easy integration across hybrid, multi-cloud environments: Seamlessly plug Vcinity into your existing Hammerspace workflows with no application rewrite, deployable at the edge, on-premises, or cloud turning your WAN into a global LAN.

Automated data orchestration: Overcome data gravity with automated, non-disruptive data orchestration globally for data at the edge, in your datacenters, and in the cloud.

Fueling AI/ML and other high-performance applications—by extending the reach of your Hammerspace environment to data everywhere.

Use Cases

AI/ML Applications: Expedite data transfer into Hammerspace or allow applications to compute on data remotely upon creation—increasing speed and efficacy of intelligent decisions.

Distributed Data Centers: Accelerate data movement at scale across distributed locations while applications operate without disruption—enabling data consolidation, federation, and seamless orchestration.

Remote Workforce: Provide remote employees or authorized users the ability to interact with distributed data as if it were local—easing data management, improving data security, and optimizing workforce productivity.

Edge Compute: Enable ability to seamlessly run applications in Hammerspace on data outside Hammerspace environment—unlocking new workloads, data, and insights.

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Benefits

Utilize essential resources: Compute resources are often centralized but data is distributed. The combination of Hammerspace and Vcinity enables you to quickly and easily make your data accessible to compute regardless of geographic distance.

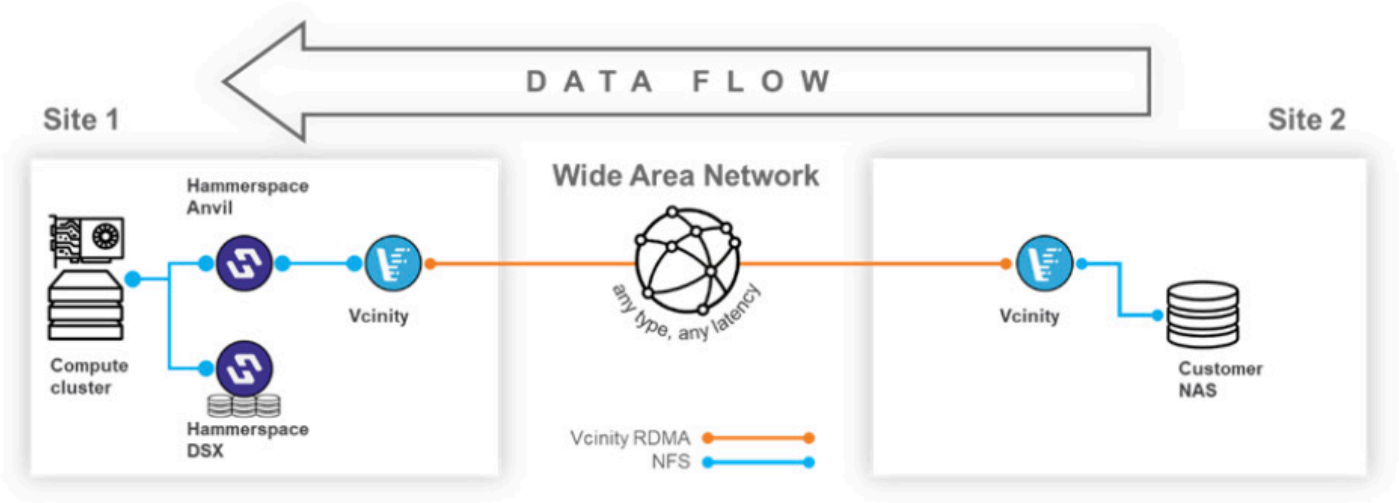
Accelerate time into insights: Reduce the time to make data accessible (even as soon as created) to further hasten insights and outcomes.

Enhance business agility: Overcome data gravity with instant, highly-available global access to distributed data sources—improving efficiency and outcomes without having to migrate your data.

Unlock data anywhere: Expand your data environment by removing accessibility limitations, to enable access to data that can't be moved due to numerous challenges.

Simplify your tech stack: Simplify data movement and accessibility to and from anywhere, regardless of your existing architecture.

Workflow



HAMMERSPACE
DATA IN MOTION

Vcinity

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