Dell and Vcinity Collaboration

Faster Time to Insight, Analysis and Action

The Edge Access Solution in Action

Today, the Federal government faces challenges (with growing urgency) to securely access, analyze, and disseminate the massive amounts of information it collects from a broad range of sensors and systems. There is an ever-growing disparity between the requirements of mission critical data analysis and its capacity to be securely shared, accessed, moved and processed over geographically dispersed data repositories. This hinders the ability to achieve optimal results and meet both the current and projected government stipulated requirements.

The Edge Access Solution, powered by Vcinity and Dell Technologies, is able to seamlessly move terabytes of data from the East and West coasts of the US to its data analysts and scientists in remote locations within the required timeframe—as well as, having the ability to remotely access and evaluate the viability of data collected prior to it being moved.

For programs that need to get the right data to the right place at the right time, Vcinity and Dell Technologies mitigate the effects of latency and maximize the available pipe—using over 90% of the available bandwidth on a sustained basis, enabling faster, more secure delivery of data to the people who need it. Data locality is no longer a hurdle to analytics, operations, and innovation.

Use the Edge Access Solution when you...

- Need to move terabytes and petabytes of data over distance
- Encounter high latency over the WAN
- Have Satcom, 5G, and terrestrial networks with varying bandwidths
- Currently transport data by physically moving it to disparate locations
- Secure data transport is a priority
- Have time-sensitive requirements to use of data

What is the Edge Access Solution?

The **Edge Access Solution, powered by Vcinity and Dell Technologies,** (EAS) instantly extends OneFS from the edge to core to cloud—delivering better, faster, secure, real-time access to data. EAS enables customers to create a global namespace, read/write caching at the edge, and high-speed write back performance—so you no longer need to compromise data access and quality of performance—regardless of where the data is located.

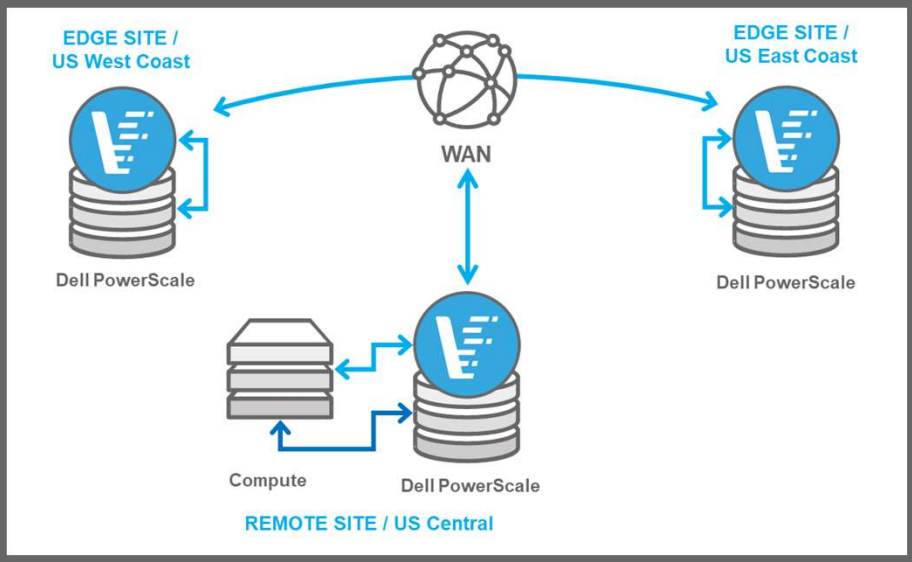

Figure 1. Terabytes of data housed in a Dell PowerScale in the US West and East Coasts are moved across the WAN using the Edge Access Solution to data scientists for time-sensitive analysis.

What can you do?

- Create an "intelligent data mesh" between your core and edge sites to maximize operational efficiencies
- Move data at scale across distance at hyper fast speeds to meet crucial SLAs
- Minimize implementation and ongoing workflow complexity by not manipulating the data or network

What can you achieve?

- Move data at scale across distance at hyper fast speeds to meet crucial SLAs
- Protect sensitive datasets, whether in flight or at rest with encryption
- Empower analysts to quickly provide sound recommendations to guide intelligent action

Let's get started

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