

BLAIR BEST PRACTISES ON... Data Domain for IBM i

Businesses are moving away from tape to a virtual tape library (VTL), a data storage virtualization technology typically used for backup and recovery purposes. The benefits of virtualization include storage consolidation and faster data restore processes.

With almost 20 years of expertise with IBM Power, when it comes to backing up systems than ensure reliability and the highest industry standards, we strongly recommend using EMC's Data Domain on IBM i as a premiere storage solution.

As industry partners, Blair has a long-standing relationship with both EMC and IBM, and can offer you our expertise and knowledge with regards to the best practises for backing up your IBM Power system with Data Domain.

Data Domain provides these key back up benefits:

- High-Speed Deduplication
- Seamless Integration
- Network-Efficient Replication
- Safety and Reliability

High-Speed Deduplication

If you have a Power systems server running an IBM i operating system, backing up your Power system data directly to TAPE, then Data Domain system is ideal as it quickly and efficiently replaces some or all of this local tape with the Data Domain system. You can efficiently replicate your Power data directly with Data Domain system at the DR site.

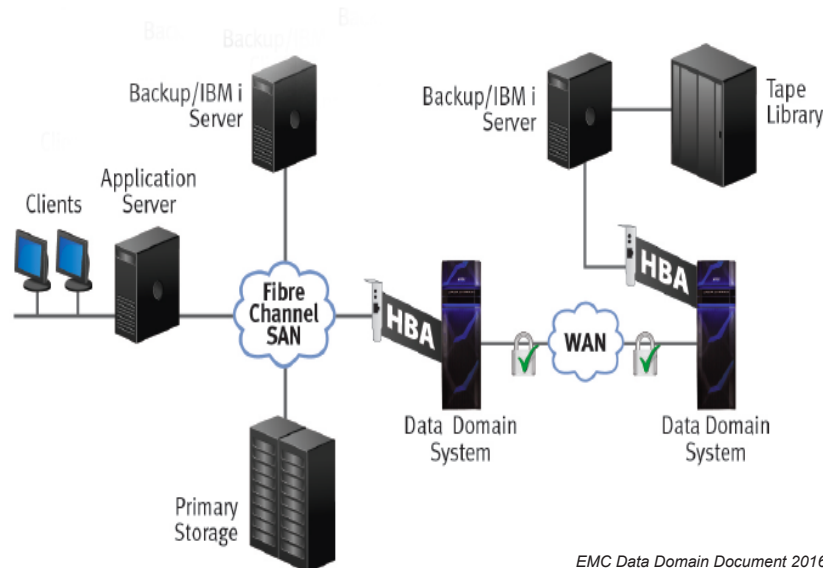
Data Domain systems provide high-speed in line deduplication which reduces the amount of back up storage required by 10 to 30 times! Disk data remains available online and onsite for longer and with higher retention, meaning a reduction in tape based recovery.

Seamless Integration

Data Domain systems support major IBM i operating systems including vIOS and seamlessly integrate with all leading IBM i backup applications. Enabling you to keep your current infrastructure in place, and simply replace your tape with disk.

The Data Domain system easily emulates the IBM TS3500 tape, thanks to the seamless integration of the EMC Data Domain virtual tape library software option.

Data Domain systems also integrate with all leading open systems backup and archiving applications. So you can use that same Data Domain system to consolidate all of your open systems and IBM i data protection requirements.



EMC Data Domain Document 2016

info@blairtechnology.com • 1-800-848-5579 • www.blairtechnology.com

BLAIR
INNOVATIVE. AGILE. TRUSTED.

Network-Efficient Replication

Once you consolidate all that data, you can then efficiently replicate it offsite to a secondary facility. Data Domain systems only send unique and compressed data across the network which requires a fraction of the bandwidth, time and cost compared to traditional replication methods. By only sending unique data, data sets are effectively shrunk by 99% to a size where network efficient replication is both fast and reliable.

Safe and Reliable

Data Domain systems are safe and reliable because they were built from the ground up to ensure that you can restore your data no matter what.

EMC Data Domain data and vulnerability architecture provides the industry's best defense against data integrity issues. In line right and read verification protects against and automatically recovers from data integrity issues during ingest and retrieval. Capturing and correcting 10 errors in line during the back up process eliminates the need to repeat backup jobs.

Unlike other enterprise arrays or file systems, Data Domain's continuous fault detection and self-healing system ensures that your data is protected throughout its life cycle.

For more information on Data Domain on IBMi, speak to a Blair representative.

Blair Technology Solutions provides tailored, innovative and flexible IT solutions to a variety of mid to large-sized enterprises across Canada.

Our full complement of versatile, scalable and flexible solutions, are exclusively tailored for your organizational requirements.

From traditional infrastructure to Managed Services and Converged technology, Blair has extensive expertise in building custom solutions to meet the needs of your unique IT environment.

As a Managed Services provider, Blair can provide a suite of service offerings backed by decades of experience and expertise, focused on the proactive management and continuous improvement of your IT environment.

We can identify potential issues before they affect your IT environment's performance and availability.

What makes us unique is our commitment to complete customer satisfaction and our ability to provide highly tailored services that fit the distinctive needs of each client.

info@blairtechnology.com • 1-800-848-5579 • www.blairtechnology.com

BLAIR
INNOVATIVE. AGILE. TRUSTED.