

Best Practices Briefing

Modern Data Protection and Recovery Strategies

Data are mission-critical assets of any organization, driving differentiation, growth, innovation, efficiency, and customer experience. But data is also the most valuable asset of your enterprise to cybercriminals, who are always looking for ways to breach, steal, or destroy it. Data loss can have devastating impacts, both financially and in terms of reputation.

So why rethink your data protection strategy now? Two reasons. Backup has never been about backing up data. It has always been about recovering data, but talking about recovery was avoided because it implied incompetence and only happened on occasion. Disaster Recovery (DR) has been viewed traditionally as a compliance requirement. DR plans were largely designed around significant but low probability threats like natural disasters. Today's persistent, sophisticated and automated cyber threats, combined with the fact that every business today is a technology business, have moved these conversations to the front line of business strategy and a topic for every boardroom.

These trends have spurred a wave of innovation in the data protection market. While this was quite unexpected, it is not surprising that a new wave of vendors, along with innovating market incumbents, all claim their technology is the answer. In reality, Modern Data Recovery is a methodology that involves multiple technologies in most enterprises combined with a thoughtful review of process, policy and people requirements a technology solution alone cannot solve.

This insightful briefing will provide key insights contextualized to your environment enabling you to identify key areas for examination and considerations for modernizing your data protection platforms.

DISCUSSION FRAMEWORK:

1. Introduction: Current Data Protection Landscape

- The challenges of growing enterprise data on different platforms and in different locations
- Data protection and restore considerations from both IT and Security operational lenses
- Enterprise challenges with the move from Data Protection to Reliable and Rapid Data Recovery

2. Key Challenges and Considerations for building a Modern Data Recovery Strategy

- Balancing the recovery needs of various applications with the cost of different speeds to recovery, cost to secure different types of data and platforms, and costs to securely protect various data assets.
- Understanding the impact of compliance and security frameworks that govern your enterprise data.
- Balancing the costs of daily operational needs while retaining required expertise and necessary scale for incident response

3. Modern Data Recovery Operations Design Elements

- Addressing Backup, Replication, DLP, Encryption and Access requirements for all data types, application tiers and locations (private cloud, public cloud, software as a service (SaaS), end user devices, etc.)
- Ensuring support for all operating systems, databases and platforms across the enterprise
- Hardening your data protection and data recovery platforms so they and copies of enterprise data are properly segmented and inaccessible to both internal and external threats
- Examining potential benefits of cloud storage and data tiering for your enterprise
- Consider the growing trend to “as a service” models that solve the problem of retaining expertise and providing around the clock coverage for the enterprise

EXPECTED OUTCOMES:

This goal of this briefing is to enhance your understanding of Modern Data Recovery Strategies with the following:

- Defining the next steps to assess whether or not your current environment is hardened sufficiently to avoid catastrophic impact in the event of a cyber incident
- Develop the next steps to perform a gap analysis to your current environment and determine the best path forward to modernize in a cost effective way
- Understand the relative cost to fill current gaps in your data protection and recovery platform
- Set a cadence to stay updated on best practices and new developments regarding data security and data recovery

RECOMMENDED PARTICIPANTS:

CIOs, CTOs, VP/Director of IT, Enterprise Architects, IT Architects, Data Protection Professionals and IT Modernization champions.

Expected time: 60 - 90 minutes.