

DELL EMC BLUEPRINT FOR BACKUP ARCHITECTURE FOR THE FEDERAL GOVERNMENT

Accelerating your Data Protection

ESSENTIALS

Enabling Governments to:

- Establish a baseline understanding and high level strategy for your data protection program
- Provide specific strategic and design insights into your current backup environment and practices, along with recommendations for improvement
- Identify areas that can impact the ability to recover critical applications and IT operations
- Examine ongoing program components and future growth requirements
- Design and implement a solution that reduces costs, provides significant improvements to your backup operations, and accelerates your evolution to a Backup-as-a-Service model

BUSINESS CHALLENGES

Federal government organizations are demanding a more optimized and robust backup and archive environment as they seek to improve application availability and recoverability, handle explosive data growth, and improve service levels for their physical and virtual infrastructure. Furthermore, government leaders are transforming to achieve an SLA-driven operating model to meet the demands of mission and business users. New thinking is required to meet these SLAs and comply with today's demanding data protection policies as a cloud broker of critical workloads.

To accomplish these goals, they need a full understanding of the data protection services they provide, the gaps between these services and the requirements to protect and manage data, and whether their backup capability are aligned with organizational and technical objectives.

SERVICE DESCRIPTION

Dell EMC Blueprint for Backup Architecture provides crucial recommendations to close gaps between the results achieved by current technologies, processes, and staffing, and those desired by the organization. Taking a holistic and phased approach to data protection storage, our data protection experts provide recommendations based upon best practices to address immediate pain points such as failure to meet key backup metrics, questionable recoverability of critical operations, cost control, application growth and/or consolidation, and continued reliance on tape. This service also helps address longer-term strategies to eliminate difficulty with regulatory compliance, accidental architectures, development of service catalogs, and enablement of data protection as a value-added service.

We use Dell EMC's unique processes and expertise to reveal comprehensive baseline information for your existing backup, recovery, and archive capabilities. We then provide specific strategy and design insights into your current environment and practices along with prioritized recommendations for improvement. These recommendations can provide phased solutions that result in reduced costs, reduced risk, and significant improvements to your backup operations. The technical, operational, and architectural deliverables from this service can also help accelerate your journey to Backup-as-a-Service (BaaS) model that evolves your legacy server-centric operational processes and architecture to a more infrastructure and cloud-service-centric data protection model. Key steps in this multi-week engagement are:

- **Data Collection for Existing Infrastructures**—determine maturity state for processes, architecture, technology, performance, and capacity
- **File System Characteristics**—identify and analyze current file system data characteristics correlated to retention policy attributes

- **Application and Storage Tier Alignment**—identify and analyze current applications, policies, and storage tier assignment
- **Data Protection and Gap and Risk Analysis**—analyze technology, operations, and staffing changes required to meet capacity and SLO requirements
- **Architecture, Operations, Staffing, Cost Analysis**—determine if current practices support SLAs, data protection objectives, cost and compliance requirements
- **Future State Recommendation and Roadmap**—provide recommendations to meet SLAs and data protection objectives along with a multi-phase roadmap to achieve lower operations costs, reduced risk, and improved agility

SERVICE VALUE

Dell EMC Blueprint for Backup Architecture uses Dell EMC’s deep knowledge, best practices, and data protection experience to develop the most effective recommendations that meet your technical and organizational requirements. This service is ideal for any organization looking to complete a review of its existing data protection environment with the intent of identifying challenges, opportunities, and longer-term changes needed to enhance or improve the backup environment. The result will be a multi-phased roadmap for improving your data protection infrastructure and operations that will result in lower costs, reduced risk, and increased value.

DELL EMC FOR THE PUBLIC SECTOR

Dell EMC serves the needs of Federal, state and local government: civilian agencies and departments, defense and intelligence agencies, and national non-government organizations (NGOs). Our solutions aid our customers in defining and executing the right course of action to achieve success in the drive for IT transformation. Dell EMC consultants understand how to apply technology to solve the unique needs of government organizations. We use field-tested tools, proven methodologies, and best practices gain from engagements across both public and private sectors to minimize risk and optimize time to value in our engagements. With experience in delivering IT transformation projects to customers around the globe, we will provide expert guidance to help you achieve your goals.

CONTACT US

To learn more, contact your local representative or authorized reseller.

