

CYBER RECOVERY SERVICES

Develop your cyber recovery strategy

ESSENTIALS

Dell EMC Cyber Recovery Services:

- Integrate a NIST Cybersecurity Framework aligned recovery solution
- Conduct a Cyber Recovery workshop with you and your teams
- Advise on your strategy and solution design
- Design your recovery procedures based on your data
- Implement a Cyber Recovery Solution tailored to your needs

Business Challenge

Cyber-attacks have become a common occurrence. They can result in extended downtime, bringing business operations to a halt for days and even weeks—costing millions. Beyond the traditional concern of exposure of sensitive data or critical information, the growing reality is that these cyber-attacks are specifically designed for data destruction or holding data for ransom. Many recent ransomware attacks were particularly damaging to manufacturing systems, hospital information systems, and banking systems. Additionally, these attacks can bypass traditional security controls, allowing the attacker to go undetected for months or sometimes even years—leaving the business even less prepared to recover. This is causing business leaders across all industries to ask for assurances that they can quickly recover in the event of a cyber-attack.

Because cyber-attacks are becoming more sophisticated and devastating, companies must consider new data protection and cyber security use cases that represent the “last line of defense” to ensure they will be able to survive a destructive cyber-attack.

Service Description

The latest approach emphasizes keeping an isolated copy of your most critical data (e.g., essential applications, data and intellectual property) off the production network and isolated from production backup systems. With no direct network connection and multiple roll-back points available, you ensure an uncompromised “gold copy” is always ready for recovery.

Dell EMC Cyber Recovery Solution enables the recovery of your most critical information by utilizing an airgap to separate the Cyber Recovery Vault from production networks. Dell Technologies Consulting Services accelerates the solution in customer environments through two key phases—Advisory and Implementation.

The Advisory phase focuses on providing recommendations to quickly integrate and optimize the Cyber Recovery Solution in your data protection environment. We have broken down the advisory phase into three tiered services to align to your goals and business requirements:

- **Workshop:** This one-day on-site workshop is purpose-built to work with key stakeholders within your organization to share Dell Technologies best practices for business resiliency, including IT Continuity and data protection with a strong emphasis on cyber recovery.
- **Advisory:** The advisory service builds on the Workshop by adding additional components to develop a high-level cyber recovery strategy. This strategy session is designed to analyze both your current and desired state to create a tailored strategy for cyber recovery preparedness.

- **Advisory and Roadmap:** The Advisory and Roadmap builds on the Advisory service by adding additional components to dive deeper into your cyber recovery strategy and recommend an implementation roadmap. This includes developing a cyber recovery maturity model report, which benchmarks your current state against industry best practices. Also included is a critical materials workshop and an information session to collect data on your applications to understand criticality to the business. These considerations will help drive recommendations of data and applications that should be protected by the Cyber Recovery Vault.

The Implementation phase integrates the Cyber Recovery Solution into your data protection environment. In this phase we can use information gathered through the advisory phase to further tailor the solution to your exact needs. We can also integrate additional technologies and capabilities with your Cyber Recovery environment, such as:

- Modify production backups to support Cyber Recovery Vault requirements
- Harden additional production Dell Technologies technology
- Create Cyber Recovery Vault to include multiple platforms, heterogeneous technologies, retentions policies and applications
- Develop detailed operational procedures
- Implementation of custom dashboards and reporting
- Integration of analytics into the Cyber Recovery Vault for early indicators of compromise
- Support for creation of extended recovery runbooks and additional test scenarios, often utilizing converged infrastructure in the vault

Summary of Benefits

Every business has unique goals, IT requirements, and threats. Our Consulting experts work with you to develop processes and procedures that enable you to protect and recover your critical data in the event of a destructive cyber-attack.

The Cyber Recovery Solution and Services:

- Deliver an air-gap cyber vault solution that ensures a protected copy of mission critical data are kept in original form
- Help you achieve compliance with increasingly stringent regulatory pressures by protecting against data destruction and ransom
- Incorporate a NIST Cybersecurity Framework aligned recovery strategy into your incident response preparations



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