# EFEKTÍVNA OCHRANA KRITICKÝCH DÁT A ZÁLOH PRED KYBERNETICKÝMI HROZBAMI A ICH GARANTOVANÁ OBNOVA

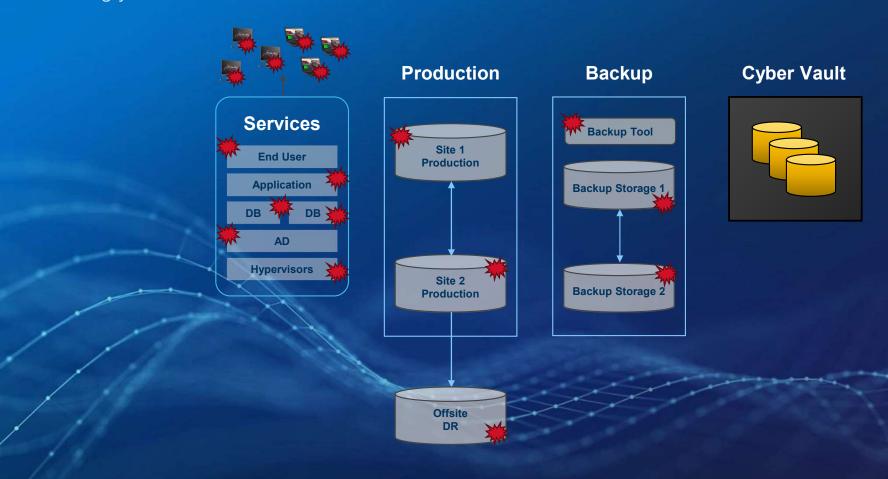
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# The New Data Center Reality

Vaulting your data in an isolated environment



# Requirements from the Industry

- 1. Supply Chain Inspection
- 2. Separation of Duty
- 3. Data Isolation (offline)
- 4. Ability to Test Recoveries
- 5. Run Book Creation
- 6. Observability
- 7. Timely Recovery in the event of a Cyber Attack

# Key Characteristics of our Cyber Recovery Solution



Isolation

Physical & logical separation of data



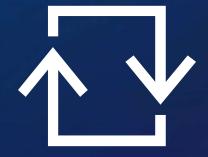
**Immutability** 

Preserve original integrity of data



Intelligence

Machine learning based threat detection, alerting and reporting



Recovery

Fast recovery for minimal operational impact

# Dell PowerProtect Cyber Recovery

Ensuring the Recovery of Critical Rebuild Data in case of Cyber Threats





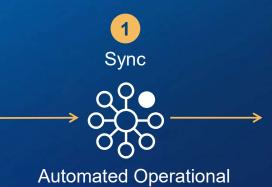
Production Workloads



DR SITE

Workloads





Air Gap/Data Isolation



# CYBER RECOVERY VAULT 4 Analyze





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# Cyber Recovery Solution

The Gold Standard for Cyber Resiliency



Cyber Vault



# How CyberSense Works

Analytics, Machine Learning and Forensic Tools to Detect & Recover from Cyber Attacks

### **SECURITY ANALYTICS**

200+ statistics indicative of cyber attack

# CORRUPTION DETECTED

Alert when suspicious activity is detected



# COMPREHENSIVE

Changes in content over time

#### MACHINE LEARNING

Trained on thousands of trojans and attack vectors

# POST ATTACK FORENSICS

Detailed reports, including last good backups for rapid recovery

#### **CyberSense Provides**

- Attack type notification
- Ransomware detection
- Corrupted file details
- Data changes / deletions
- Breached user accounts
- Breached executables
- Last good backup copy

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# CyberSense Support for Intelligent Recovery

1

#### **Detect**

Detect corruption within a backup cycle

2

#### **Investigate**

The who, what, where & when of the attack

3

#### Recover

Report on last good backups quickly recover

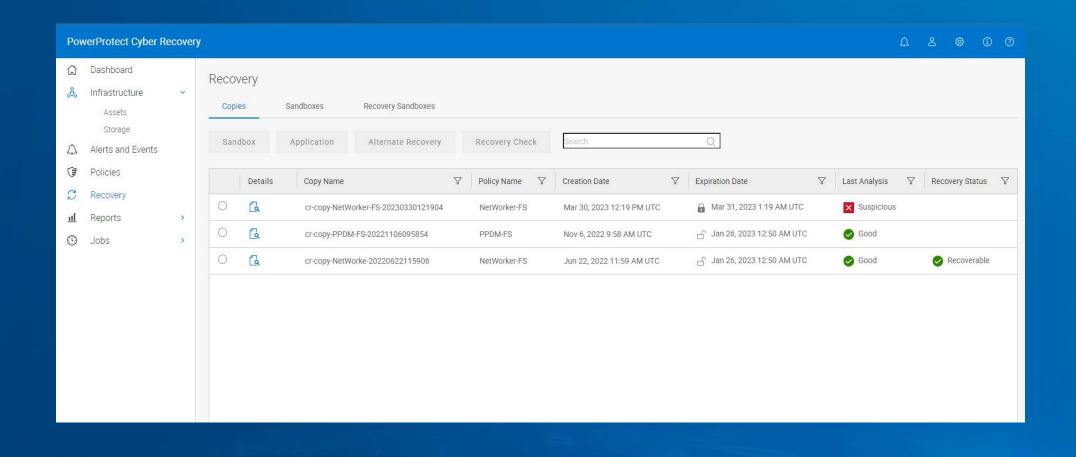


Point in time of the attack

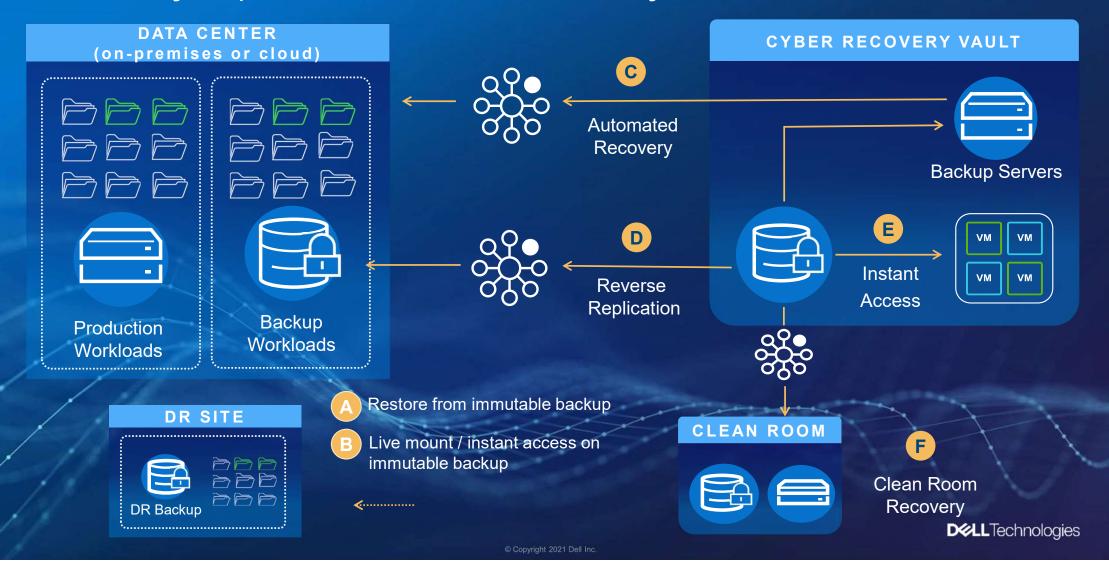
Listing of corrupted files

What backups need to be recovered

Search backups to detect ransomware



# Recovery Options To Meet Your Cyber Resilience SLAs



# Health Service Executive (HSE): Cyber Attack

Population 5 Million





#### **IMPACT**:

- No email
- No network
- No phones
- No mobiles
- All sites are down.
- No IT services
- No health care services

Attackers provided the decryption keys 3 months to recover back primary systems 6 months to fully recover

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Ďakujem Vám za pozornosť ...



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