

# Overcoming the Top 5 Challenges in Ransomware Recovery



Ransomware is the **#1** cause of disaster recovery events today



**44%** of intrusions perform lateral movement<sup>2</sup>



**66%** of organizations suffered a ransomware attack in 2023<sup>1</sup>



**76%** of attacks resulted in data encryption<sup>1</sup>



**\$1.82M** Average recovery cost of a ransomware attack in 2023<sup>1</sup>



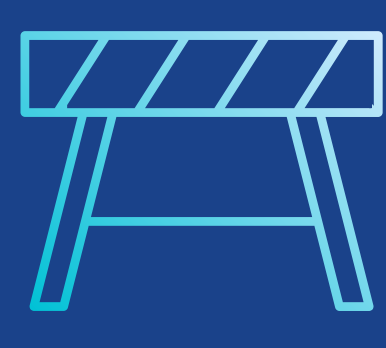
**\$265B** Expected financial, organizational and reputational damage by 2031<sup>3</sup>

## VMware Live Cyber Recovery™: Purpose-built ransomware recovery-as-a-service



Accelerated ransomware recovery at scale, delivered as an end-to-end, integrated SaaS solution.

Guided recovery workflows allow users to quickly identify recovery point candidates, validate restore points using embedded behavioral analysis and restore them with minimal data loss.



## VMware Live Cyber Recovery addresses the top 5 ransomware recovery challenges faced by organizations:

1

Identifying recovery point candidates



### Guided restore point selection

- Confidently identify recovery point candidates
- Access insights such as VMDK rate of change and file entropy that allow you to spot anomalous activity within snapshots

2

Validating recovery point candidates



### Embedded next-gen AV and behavioral analysis

- Scanning of powered-on workloads for curation and validation of restore points will identify fileless attacks and other security threats

3

Preventing reinfection



### On-demand Isolated Recovery Environment (IRE)

- Safe, controlled environment for recovery to prevent reinfection of production workloads
- Push-button VM network isolation levels can be used to isolate VMs at recovery to prevent lateral movement

4

Minimizing data loss



### Granular recovery

- Extract individual files and folders from VMs without powering them on and merge them into a final recovery point with minimal data loss

5

Minimizing downtime



### Live mount

- Conduct rapid recovery point iterations with Instant Power-On of VMs in the on-demand IRE with no data rehydration or VM format conversions



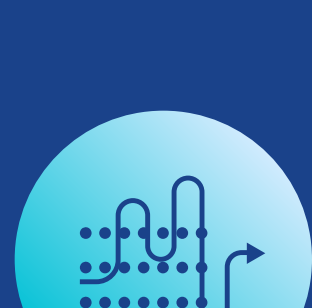
VMware Live Cyber Recovery also delivers cloud DR full-featured orchestration

- ⊕ High frequency snapshots
- ⊕ Immutable, cloud-based snapshots stored in an air-gapped location
- ⊕ Non-disruptive testing of DR plans
- ⊕ Deep history of snapshot copies
- ⊕ Daily data integrity checks and DR health checks every 30 minutes

## The value of Ransomware Recovery as-a-Service



Predictability in recovery



Streamlined selection of recovery point candidates



Integrated curation of recovery point candidates



Unified identification, validation and restore of recovery points

VMware Live Cyber Recovery delivers robust, end-to-end capabilities to drive reliable, predictable, scalable ransomware recovery operations for the modern enterprise.



Visit [vmware.com](https://www.vmware.com) to learn more

1. Sophos State of Ransomware 2023  
2. VMware Contexta  
3. Cybersecurity Ventures