

# NetApp's definitive guide to cyber resilience for Google Cloud

The average victim of a cyberattack loses **39%** of their data.<sup>1</sup>

## 5 steps to consider when building a data-centric, cyber-resilient Google Cloud environment

### Step 1

#### Protect at the storage layer

Mitigate the threat of attacks and unplanned data loss.

- Establish rapid, granular recovery points with NetApp® Snapshot™ technology.
- Efficiently replicate data for backup and disaster recovery across on-premises and Google Cloud.
- Create a logical air gap and flexible, secure data retention.

72% of organizations have seen an increase in the volume, complexity, or impact of cyberattacks.<sup>2</sup>



### Step 2

Ransomware attacks happen every **11 seconds**.<sup>3</sup>



#### Detect at the storage layer

Quickly identify threats before they affect operations.

- Establish trigger alerts for security deficiencies and suspected ransomware attacks.
- Detect data and storage anomalies as they happen.
- Obtain visibility into user behavior anomalies.

### Step 3

#### Accelerate data recovery

Rapidly restore data and minimize application downtime.

- Establish and test your business continuity and RTO/RPO policies with NetApp FlexClone® technology.
- Enable rapid Snapshot data recovery with NetApp SnapRestore® technology.
- Apply file-level forensics to identify the source of threats and to prioritize which data to restore with BlueXP classification and observability service for Google Cloud.

The industry average time to recover from an attack is **1 month**.<sup>4</sup>



### Step 4

Recovering from a ransomware attack costs **\$1.4 million** on average.<sup>5</sup>



#### Secure access with confidence

Stop cybercriminals in their tracks.

- Establish end-to-end encryption whether data is at rest, in transit, or uses customer-managed encryption keys.
- Implement multifactor authentication.
- Deploy role-based access.

### Step 5

#### Discover how NetApp and Google Cloud can help

- With Google Cloud and NetApp, you get the ultimate cyber resilience capabilities that your enterprise needs to combat ransomware. Our solutions are built on decades of experience in delivering data protection, detection, and recovery technologies that simplify cyber resilience and keep you a step ahead of threats.
- Realize the benefits of data insights that enable you to mitigate risk, save money, and focus resources on growing your Google Cloud environment—all from a unified control plane.



#### Need help checking off the boxes?

Read our cyber resilience e-book to learn how you can create a robust, data-centric, cyber-resilient organization with NetApp and Google Cloud.

Get the e-book



<sup>1</sup> Sophos, *The State of Ransomware*, April, 2022.

<sup>2</sup> Sophos, *The State of Ransomware*, April, 2022.

<sup>3</sup> Cybercrime Magazine, "Global Ransomware Damage Costs Predicted To Reach \$20 Billion (USD) By 2021", October 21, 2019.

<sup>4</sup> Sophos, *The State of Ransomware Infographic*, 2022.

<sup>5</sup> Sophos, *The State of Ransomware*, April, 2022.