ONE-MINUTE WHITEPAPER

NetApp Snapshot Technology:

Critical Tools for Public Sector Data Protection

CTG FEDERAL

NetApp®

As the government grows more reliant on digital data, agencies are facing a higher risk of data loss and misuse.

Public sector data security incidents:

2022

2,792 incidents, **537** with confirmed data disclosures[1]

2023

3,273 incidents, **584** with confirmed data disclosures[2]

2024

12,217 incidents, **1,085** with confirmed data disclosures[3]

Ransom remains a top threat:

Ransomware accounted for

61%

of public sector malware breaches in 2024[4]

Ransomware cases rose by a record-breaking

126%

YOY in Q1 2025[5]

Average ransom payments are rising[6]:

2022: $246,383

2023: $616,667

2024: $923, 344

With NetApp Snapshot technology from CTG Federal, agencies gain unmatched capabilities in data protection, recovery and compliance.

Detect and identify ransomware threats with

+99% recall

100% precision

NetApp Snapshots

The cornerstone of NetApp's data protection, replication and archiving solutions. They create a point-in-time filesystem image, enabling ransomware remediation by restoring from images known to be uninfected and preventing deletion of valuable backup data.

NetApp SnapRestore

Rapidly recovers a single file or a multi-terabyte data volume to the state it was in when a particular Snapshot copy was taken, enabling organizations to recover from data corruption in seconds instead of hours.

NetApp SnapLock

Prevents unauthorized data deletion by creating immutable read-only Snapshot copies to protect data in strict regulatory environments. This adds an extra layer of threat immunity to keep data intact and accessible.

NetApp SnapMirror

Replicates data at high speeds over LAN or WAN to multiple locations. Agencies benefit from efficient data backup, high data availability and strong data integrity for mission-critical applications in virtual and traditional environments.

Learn how CTG Federal, a Cohesive Technology Group company™, and NetApp can help your agency combat data breaches and ransomware threats. Visit **www.ctgfederal.com/partners/netapp** or email **contact@ctgfederal.com**.

Sources

1.) 2022 Data Breach Investigation Report (DBIR), Verizon; 2.) 2023 Data Breach Investigation Report (DBIR), Verizon 3.) 2024 Data Breach Investigation Report (DBIR), Verizon; 4.) ibid 5.) Check Point: The State of Ransomware in the First Quarter of 2025 6.) Ransomware attacks on US government organizations have cost over $1.09 billion, Comparitech