

# Avoid Paying Ransomware with Nutanix, Arcserve, and Sophos



## Integrated cyber and data protection for your business-critical Nutanix Cloud Platform

Ransomware has become a significant risk to businesses, with an average ransom payout reaching \$233,817<sup>1</sup>. It's time to fight back.

Together, Nutanix Cloud Platform and Arcserve data protection solutions secured by Sophos helps to neutralize cyberattacks, including ransomware, by removing the complexity of siloed cybersecurity and data protection strategies for your critical IT systems. The end result?

A proactive, multi-layered approach that helps you achieve IT resilience faster.

### First and Last Line of Defense, Designed for Your Business and Your Nutanix Cloud Platform

Protecting against security threats, data loss, and downtime is tough enough. But, juggling multiple strategies, processes, vendors, SLAs, and support teams only adds complexity and leaves you open to security gaps and data erosion.

Industry-leading Nutanix Cloud Platform serves as the foundation that removes infrastructure complexity and provides essential features such as data-at-rest encryption, WORM policies for immutable backups, and insights from file analytics to secure and harden your environment. Arcserve's data and ransomware protection is designed to meet the demands of today's IT by removing standalone, disparate products while delivering proven, all-in-one cybersecurity, backup, and disaster recovery (DR) for Nutanix.

Powerful integration with a first and last line of defense against cyberattacks and data loss offers peace of mind that your organization can withstand any threat.



## Ransomware Protection for Nutanix Cloud Platform by Arcserve and Sophos

### First Line of Defense

### Last Line of Defense

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|--|---|
| <p><b>1. Detect &amp; Prevent</b><br/>Defend your backups with Sophos Intercept X Advanced for Server, cutting-edge cybersecurity that uses a deep learning neural network to detect both known and unknown malware without relying on signatures.</p>     | <p><b>2. Respond</b><br/>Rapidly respond and remove threats with CryptoGuard and WipeGuard, which use behavioral analysis to stop never-before-seen ransomware and boot-record attacks.</p>   |
| <p><b>3. Protect</b><br/>Deploy immutable backups with heterogeneous, image-based data protection that safeguards on-premises HCI systems, cloud, and SaaS-based data from external threats, major disasters, human error, or other unplanned outages.</p> | <p><b>4. Restore &amp; Neutralize</b><br/>If needed, safely spin up copies of physical and virtual systems onsite, using built-in AHV integration, offsite, or in private and public clouds. Threats are neutralized while data loss and downtime are eliminated.</p> |

Nutanix Cloud Platform

Cloud

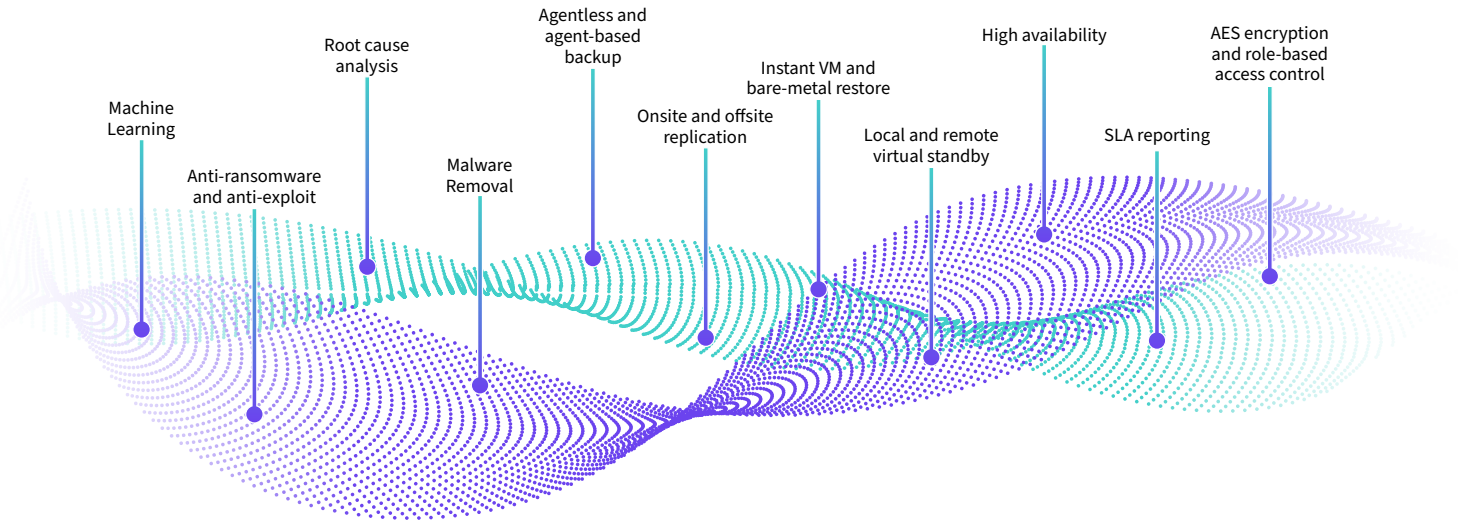
SaaS-based data



<sup>1</sup>. Sophos 2021 Threat Report: <https://www.sophos.com/en-us/labs/security-threat-report.aspx>, January 2021

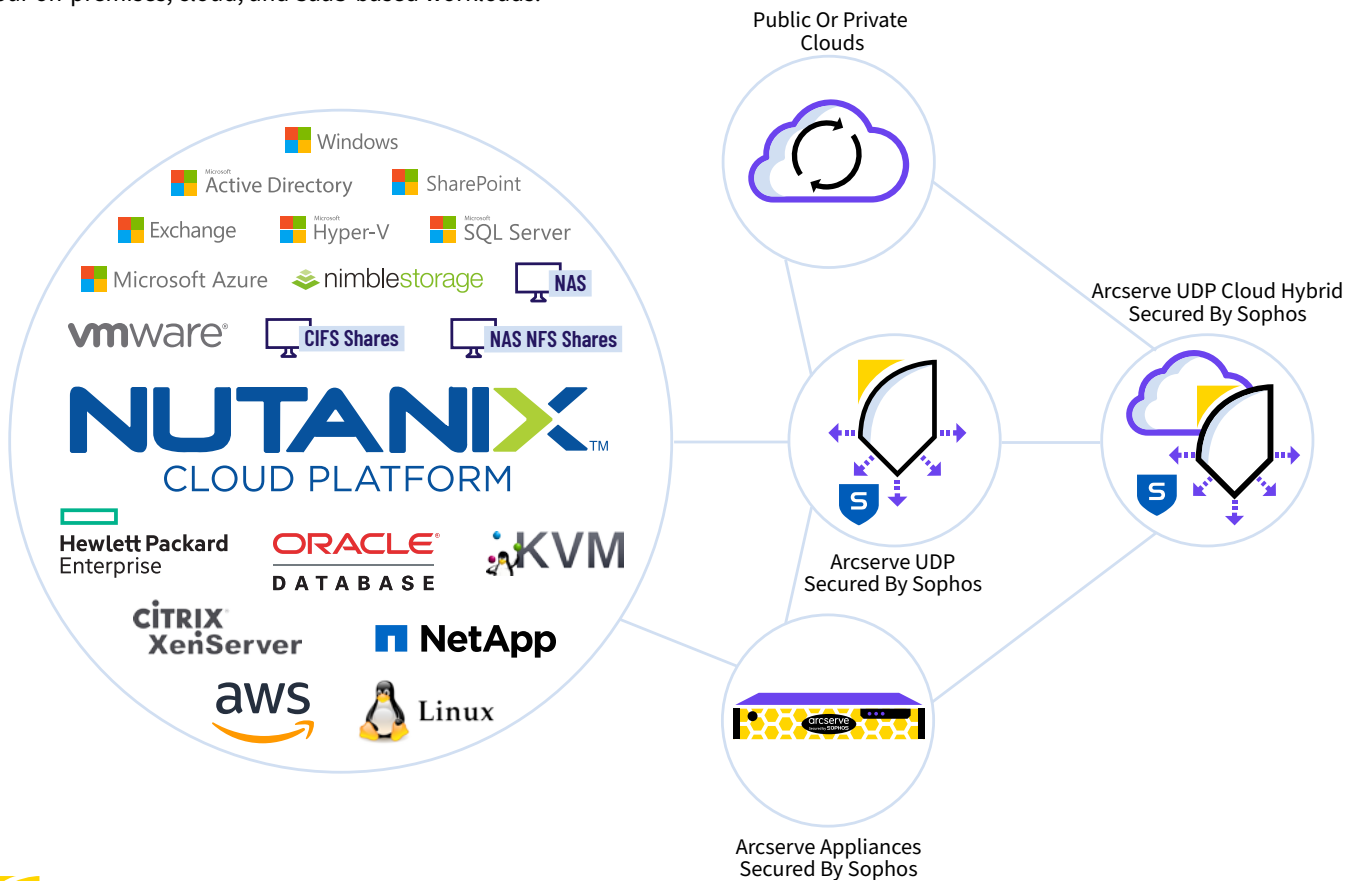
# Multi-Technology Synchronization, Powered by Nutanix, Arcserve, and Sophos

You need a simplified, smarter approach to become cyber ready, and we have the answer: Cutting-edge technologies powered by Nutanix Cloud Platform, Arcserve Unified Data Protection (UDP) and Sophos Intercept X Advanced for Server that work seamlessly together to remove complexity, improve SLAs, and leave the risk of cyberattacks and data loss behind.



## Arcserve Solutions for Nutanix Secured by Sophos

Get total protection for your Nutanix infrastructure with solutions designed to integrate cyber and data protection across your on-premises, cloud, and SaaS-based workloads.



## Secure and Protect Hyperconverged Infrastructure

Arcserve UDP software and Arcserve Appliances Secured by Sophos are the leading choice for IT pros looking for an all-in-one solution with a central interface for backup processes, tools, and infrastructure. Appliances combine storage, server processing, networking, hardware, cloud services, and cyber and data protection capabilities – deployable in 15 minutes or less.

Harness the power of native AHV integration, and:

- **Prevent** data loss in Nutanix Cloud Platform, with deduplicated agentless backup for AHV, backup for Nutanix Files, quick disaster recovery with automatic failover, and reliable AI-powered cybersecurity for your backups
- **Reduce** RTOs and RPOs to just minutes or seconds with Arcserve's Virtual Standby and Instant VM
- **Recover** image backups directly to Nutanix AHV, as well as VMware vSphere, Microsoft Hyper-V, Amazon AWS EC2, Microsoft Azure and bare-metal physical servers
- **Gain** peace of mind with automated disaster recovery testing powered by Assured Recovery™ with RPO, RTO and SLA validation
- **Store** deduplicated backups in the reliable and scalable Nutanix Objects storage

## Secure and Protect Cloud-Based Workloads

Arcserve UDP Cloud Hybrid Secured by Sophos is a fully managed service extension to Arcserve UDP software and appliances. Going beyond traditional cloud backup, it offers cohesive data security, protection, and retention.

Harness the power of integration, and:

- **Prevent** data loss from major disasters by storing copies of your backups in the reliable cloud secured by AI-powered solution
- **Ensure** quick disaster recovery by spinning copies of your Nutanix VMs directly in the cloud
- **Gain** peace of mind with automated, cloud disaster recovery testing powered by Assured Recovery™ with RPO, RTO and SLA validation
- **Eliminate** risks with any-to-any recovery to and from the cloud
- **Avoid** surprises with streamlined licensing that **includes egress**

# Take the Next Step

Find out more at [arcserve.com](https://www.arcserve.com)  
or contact us at +1 844 639-6792.



## About Arcserve

Arcserve provides exceptional solutions to protect the priceless digital assets of organizations in need of full scale, comprehensive data protection. Established in 1983, Arcserve is the world's most experienced provider of business continuity solutions that safeguard multi-generational IT infrastructures with applications and systems in any location, on premises and in the cloud. Organizations in over 150 countries around the world rely on Arcserve's highly efficient, integrated technologies and expertise to eliminate the risk of data loss and extended downtime while reducing the cost and complexity of backing up and restoring data by up to 50 percent.

## About Nutanix

Nutanix is a global leader in cloud software and a pioneer in hyperconverged infrastructure solutions, making computing invisible anywhere. Companies around the world use Nutanix software to leverage a single platform to manage any app at any location at any scale for their private, hybrid and multi-cloud environments.

## About Sophos

As a worldwide leader in next-generation cybersecurity, Sophos protects more than 400,000 organizations of all sizes in more than 150 countries from today's most advanced cyber threats. Powered by SophosLabs – a global threat intelligence and data science team – Sophos' cloud-native and AI-powered solutions secure endpoints (laptops, servers and mobile devices) and networks against evolving cyberattack techniques, including ransomware, malware, exploits, data exfiltration, active-adversary breaches, phishing, and more. Sophos Central, a cloud-native management platform, integrates Sophos' entire portfolio of next-generation products, including the Intercept X endpoint solution and the XG next-generation firewall, into a single "synchronized security" system accessible through a set of APIs. Sophos has been driving a transition to next-generation cybersecurity, leveraging advanced capabilities in cloud, machine learning, APIs, automation, managed threat response, and more, to deliver enterprise-grade protection to any size organization. Sophos sells its products and services exclusively through a global channel of more than 53,000 partners and managed service providers (MSPs). Sophos also makes its innovative commercial technologies available to consumers via Sophos Home.

