

Nutanix and RackTop Cyberstorage Solution for File Data

How to prevent ransomware and data exfiltration, not just recover from a data attack

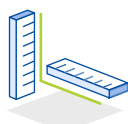
KEY BENEFITS

The benefits RackTop on Nutanix are:

- Cyberstorage on Nutanix AHV or any other hypervisor
- Stop ransomware attacks in real time
- The ability to prevent data theft or manipulation

Our unique offering

RackTop's Brickstor Security Platform (SP), the industry leading CyberStorage solution, when combined with Nutanix, offers a resource efficient CyberStorage solution that provides immediate protection for data against any type of attack including insider threats, advanced persistent threats, ransomware and extortionware. We use factory applied security best practices with active defense to block and stop attacks against data as they begin. Latest generation zero trust data architecture enables performance without sacrificing security or compliance, while being designed to be operated by an IT generalist allowing any organization to protect their data as if it were a national secret.



Measure



Action



Optimize

“With all our traditional tools for cyber security, we realized that there was no protection against data theft. Recovering data from snapshots or backups is not sufficient. RackTop allows us to prevent data exfiltration and ensure our business is protected.”

SIMPLIFIED, SECURE AND EFFICIENT MANAGEMENT OF UNSTRUCTURED DATA

RackTop's BrickStor SP and operating system is Nutanix Ready AHV. This validation demonstrates BrickStor's ability to build upon the native security within Nutanix AHV and provide a dynamic and robust file solution that actively protects NFS and SMB file shares against ransomware, data theft and insider threats.

Deploy BrickStor SP as a virtual machine on any Nutanix cluster to efficiently store and protect your data. BrickStor SP supports the latest file protocols, offers space efficient storage, encryption at rest and immutable snapshots. With BrickStor SP's integration into how data is being access and by who. BrickStor SP provides an out of the box, data-centric zero trust architecture for your unstructured data.

KEY BENEFITS

The benefits of the RackTop BrickStor SP solution are:

- Provide CyberStorage solution for NFS and SMB file shares
- Over 250 built in compliance reports to help follow CMMC and NIST guidelines
- Real-time protection against ransomware and extortionware

Nutanix Ready Validation RackTop BrickStor is validated on Nutanix AHV



RackTop provides Brickstor Security Platform (Brickstor SP) as a software-defined scale-up file storage solution designed to address many use cases. RackTop offers the essential enterprise-level file storage capabilities, such as SMB/NFS, multiprotocol access, Active Directory integration, data reduction, user/share quotas, clones, snapshots, data tiering, and replication, in addition to being the industry leading CyberStorage solution in the market today. RackTop provides the ability to prevent data exfiltration from privileged and trusted users, as well as stopping malware at the storage processor, while ensuring production data remains online and available to all uncompromised users.

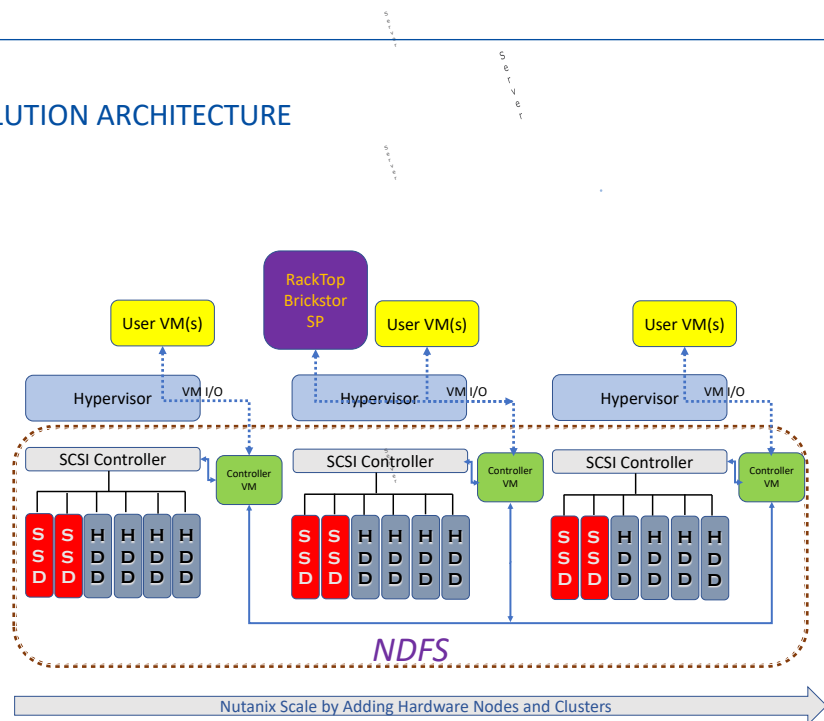
The main features of the RackTop BrickStor SP solution are:

- Data Centric Zero Trust at the data level
- Assessment of every interaction with data to determine malicious behavior of each transaction in real-time
- Ability to stop ransomware at the data layer in real time with no additional outside servers or extra licensing
- Support for latest NFS and SMB protocols, with backwards compatibility for earlier versions from the same appliance as well
- Simultaneous support for NFS and SMB to same file shares

RESOURCES AND GETTING STARTED

- Nutanix Technology Alliances – RackTop
- <https://www.racktopsystems.com>
- Webinar – RackTop Overview
- Video RackTop Demo
- RackTop User Manual
- The Nutanix Bible

SOLUTION ARCHITECTURE



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