Nutanix Objects + Nasuni

"Public cloud services have changed expectations. Data must be always on and immediately available anywhere business takes place. As hyperconverged infrastructure radically simplifies data center design for IT, business teams need cloud-like simplification when accessing data, without the high latencies typically associated with distance. Nutanix and Nasuni are partnering to transform how data is managed and consumed wherever business takes place, whether at the corporate office or remote."

– Scott Sinclair, Senior Analyst
Enterprise Strategy Group

INTRODUCTION

In this age of digital transformation, companies assign their best employee assets to a project, irrespective of their location. To increase productivity, these employees require local access to the same data across many different locations, without delays due to latency and remote connections. Ideally, the solution offers the ability to synchronize file changes across all locations at once, while still preserving fast local access. However, an enterprise solution needs to also ensure users are protected from downtime at a single site and shielded from the impact of malware attacks whenever possible.

NASUNI UNIFS® GLOBAL FILE SYSTEM AND NUTANIX OBJECTS

Nutanix Objects™ is a software-defined object storage solution that non-disruptively scales-up and scales-out while lowering overall costs. It's designed with an S3-compatible REST API interface to handle terabytes to petabytes of unstructured data, all from a single namespace.

The Nasuni platform features a Global File System, UniFS®, which is designed to integrate all the advantages of a file system with Nutanix Objects, including CIFS/NFS protocol support, active directory and LDAP integration, file auditing, and built-in security. In addition, it provides file synchronization capabilities and global file locking capabilities which can extend to all users regardless of location. For true enterprise functionality, it also offers continuous file versioning which replaces separate file backup solutions, and provides fast, predictable file restore times in the event of a malware attack. Fast access at all sites or locations is provided with Nasuni appliances or AHV-based VM's.

When combined with the scale and resiliency of Nutanix Objects, Nasuni enables new and faster workflows across multi-site companies. By storing all enterprise files in an object storage-based global file system and caching just the active files and metadata on edge appliances wherever high-performance access is needed, Nasuni transforms file storage into a cloud-scale service. Because the file system itself is native to the object store, it can manage an unlimited number of files and file sizes. Nutanix Objects and Nasuni combine the scalability of the cloud with performance, control, and flexibility you expect from your hyperconverged solution.

NUTANIX

KEY BENEFITS

Nasuni UniFS® Global File System with Nutanix Objects:

- Simplify data center infrastructure by moving traditional NAS file services from legacy storage to a unified Nutanix – Nasuni platform

- Accelerate migration to Nutanix Objects by allowing file-base applications to be moved immediately to Nutanix.

- Streamline file infrastructure costs and administration with a solution that includes both file backup and disaster recovery.

- Synchronize data across unlimited number of sites and allow collaboration on files

- Mitigate the impact of malware and ransomware attacks with the ability to instantly roll back to a recent version of files.

NUTANIX READY VALIDATION

- Nasuni Edge Appliance is validated on Nutanix AHV

- Nasuni Management Console is validated on Nutanix AHV

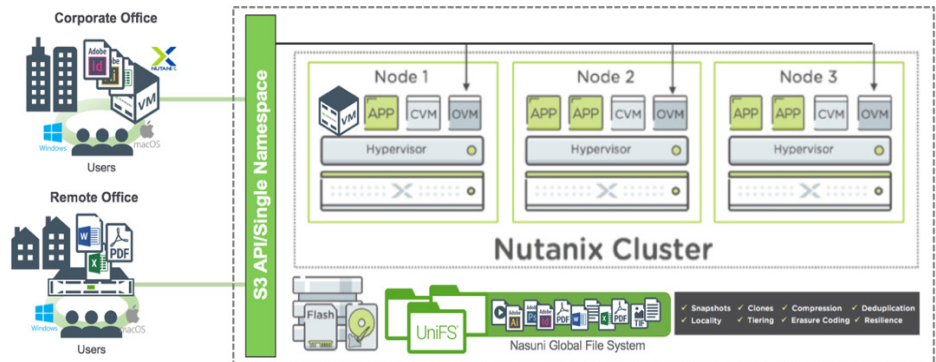- Nasuni Global File Services is validated on Nutanix Objects

NASUNI UNIFS® GLOBAL FILE SYSTEM ON NUTANIX OBJECTS

- Active Nasuni UniFS® Global File System on Nutanix Objects
- Nasuni Multi-Site File Synchronization
- Nasuni Edge Appliances running on Nutanix AHV

ABOUT NASUNI

Nasuni delivers a single software platform to store, protect, synchronize, and collaborate on unstructured file data at scale. Nasuni Cloud File Services™, powered by the patented UniFS® global file system, leverages cloud storage to modernize primary NAS and file server storage; file archiving; backup; and disaster recovery, while offering transformational new capabilities for multi-site file collaboration. By combining the low cost, unlimited capacity, and durability of private or public cloud object storage with the high performance, security, and broad application compatibility of traditional disk-based file storage, the Nasuni subscription service improves workforce productivity, simplifies IT operations, and reduces IT costs. The world's largest companies in 12 industry sectors rely on Nasuni to maximize the business value of their file data and ensure business continuity. Nasuni is based in Boston, USA. For more information, visit www. nasuni.com

ABOUT NUTANIX

Nutanix makes datacenter infrastructure invisible by delivering an Enterprise Cloud that enables IT to focus on the applications and services that power their business. Go beyond hyperconverged infrastructure with Nutanix Enterprise Cloud. One OS, One Click™.

NUTANIX™
YOUR ENTERPRISE CLOUD

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