

# Transform Your WVD Experience with NetApp's Modern Workplace Foundation

With unprecedented global demand for remote desktop solutions, Microsoft's Windows Virtual Desktop (WVD) is quickly becoming the go-to solution for the remote workforce. Discover how you can take your WVD deployment to the next level with Microsoft and NetApp.

## Increase performance and reduce risk with Azure NetApp Files

**65% of enterprise workloads** are still running on-premises.<sup>1</sup>



**45% of mission-critical applications'** external storage systems are file-based.<sup>2</sup>

### Problem

Enterprise customers have been unable to move mission-critical workloads to the cloud without sacrificing performance, scale, and reliability. These workloads have been considered un-migratable.

### Solution

With Azure NetApp Files, un-migratable workloads are a thing of the past. This powerful, global solution provides:

- the on-premises (or better) performance and sub-millisecond latency that users need to support their FSLogix profile containers, which guard against data loss and speed recovery.
- the built-in high availability users need, with a 99.99% SLA. Guaranteed.



## Optimize your Azure digital workplace with NetApp Virtual Desktop Service

**88% of organizations have encouraged** or required their employees to work from home since January 2020.<sup>3</sup>



**70% of venture-backed company founders report that after their offices reopen**, they will let some (or all) of their employees continue to work remotely.<sup>4</sup>

### Problem

WVD challenges include:

- Migrating persistent desktops and home directory data to Azure
- Managing virtual desktops in Azure
- Orchestrating virtual desktop deployments from region to region

### Solution

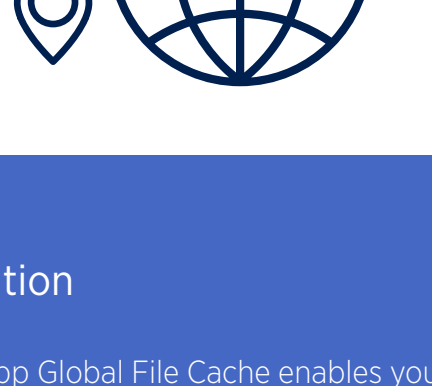
NetApp Virtual Desktop Service (VDS) solves common WVD challenges by providing a simple, unified service that lets you automate, orchestrate, manage, and optimize your digital workplace in Azure. Benefits include:

- Reduce infrastructure costs by up to 50%
- Reduce days of work to just hours
- Reduce complexity and risk
- Gain the benefits of full automation



## Create a globally accessible file system for your remote workforce with NetApp Global File Cache

**90% of today's enterprise data is unstructured:** accessed and stored across multiple environments, in multiple formats, in locations all over the world.<sup>5</sup>



### Problem

Challenges for remote workforces accessing large files, largely of unstructured data, include:

- Inefficient collaboration on large files
- Server sprawl across multiple VDI farms
- Performance and data integrity issues
- Conflicting file versions and data loss
- Security, compliance, and data backup

### Solution

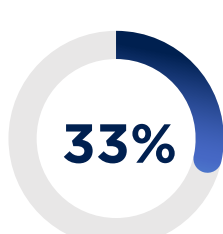
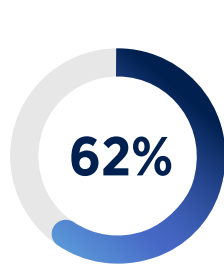
NetApp Global File Cache enables your organization to gain the business productivity benefits of WVD while providing the high performance your virtual teams need at a reduced cost. Additional benefits include:

- Improves team flexibility and collaboration
- Erases data conflict and inconsistency
- Enables data management and backups in a single location
- Eliminates servers, reducing the resources required to manage a global server network



## Enhance your end-to-end management with NetApp Cloud Insights

**62% of IT decision makers are concerned** about increased integration challenges with legacy hardware and software.<sup>6</sup>



**More than 33% of employees at Fortune 1000 companies** use SaaS apps that haven't been approved by IT.<sup>7</sup>

### Problem

Operating a global enterprise without access to the reporting and analytics necessary for true business insights means you are operating blind. NetApp Cloud Insights gives you the visibility you need to make real-time decisions.

- Legacy systems that are not keeping up with today's workflows and employees being asked to do more with less have both contributed to the proliferation of Shadow IT and technical debt.
- Tracking and controlling infrastructure costs has become increasingly complex.

### Solution

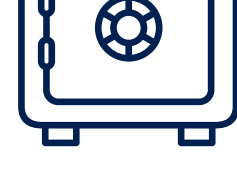
NetApp Cloud Insights provides workplace monitoring, troubleshooting, reporting, analytics, and optimization for Azure.

- Reduce mean time to resolution by 90%.
- Prevent 80% of cloud issues from impacting end users.
- Reduce cloud infrastructure costs by an average of 33%.
- Reduce your exposure to insider threats by protecting your data with actionable intelligence.



## Ensure regulatory compliance of all your cloud-based personal and corporate data with NetApp Cloud Compliance

During the first year after the implementation of GDPR, **businesses spent \$1.3 million on average to meet GDPR compliance requirements and are expected to spend an additional \$1.8 million**, but fewer than 50% are actually GDPR-compliant according to a survey by IAAP.<sup>8</sup>



**Data breaches in the U.S. average total costs of \$8.19 million** – more than double the global average.<sup>9</sup>

### Problem

Privacy concerns are mounting, and in response, new regulations such as the EU's General Data Protection Regulation (GDPR) and the California Consumer Privacy Act (CCPA) have been enacted, with others set to follow. Challenges include:

- Data privacy readiness
- Multiple sets of regulations
- Document mapping and classification
- Cloud migration data integrity

### Solution

Driven by powerful AI algorithms, Cloud Compliance gets your business application data and cloud environments privacy-ready. With Cloud Compliance you can:

- Automate and simplify the most challenging tasks introduced by various data privacy regulations.
- Map all the sensitive data you store in the cloud.
- Locate data privacy violations automatically.
- Generate Data Subject Access Reports (DSARs) in seconds rather than weeks.
- Produce data protection impact analysis reports to share with risk and management teams.
- Restrict sensitive data migration.



"Cloud Control is a facilitator for onboarding universities very quickly into WVD. We use Azure NetApp Files to deal with the FSLogix profile part of the architecture, which is a big piece of WVD. Azure NetApp Files gives extremely high performance and a lot more ease of stand-up and resilience. It's easy to use. It's easy for our customers to use. It's easy to route. ANF makes it so that we can rapidly transform universities. We love working with NetApp – NetApp has enabled Applied Cloud Systems to be more agile, has whitelisted the environment, and been very supportive and responsive."

Chris Bennett, Practice Delivery Manager, Applied Cloud Systems

Let NetApp transform your WVD Experience

[Book an Architectural Design Session Today](#)

<sup>1</sup> Network World, "65% of enterprise workloads still in on-premises data centers, study finds." <https://www.networkworld.com/article/3192988/65-of-enterprise-workloads-still-on-premises-data-centers-study-finds.html>

<sup>2</sup> IDC Worldwide Storage Workloads

<sup>3</sup> Gartner, "Coronavirus in Mind: Make Remote Work Successful," 5 March 2020. <https://www.gartner.com/en/documents/3981830/coronavirus-in-mind-make-remote-work-successful->

<sup>4</sup> The Kung Group Survey, <https://www.entrepreneur.com/article/351276>

<sup>5</sup> IDC Report quoted in Security Brief, <https://securitybrief.com.au/story/the-silent-security-risk-of-unstructured-data>

<sup>6</sup> Snow, <https://www.impactmybiz.com/blog/blog-legacy-systems-digital-transformation-risks-challenges/>

<sup>7</sup> IBM, <https://thenextweb.com/podium/2019/04/25/why-shadow-it-is-the-next-looming-cybersecurity-threat/>

<sup>8</sup> IAAP, <https://www.varonis.com/blog/gdpr-effect-review/>

<sup>9</sup> IBM Ponemon Institute research, <https://dataprivacymanager.net/100-data-privacy-and-data-security-statistics-for-2020/>