

Intelligent Access for the Digital Workspace

6 Reasons to Adopt VMware
Workspace ONE Access Technology

A hand holding a smartphone, with a city skyline visible in the background. The image is overlaid with a large, stylized 'V' shape in shades of blue and purple, which serves as a background for the text.

vmware®

The Access Challenge >

Modernizing Security and Access >

6 Must-Have Capabilities >

1. Conditional Access and Single Sign-On for All App Types >

2. Broker Between Identity Stores and Providers >

3. Improved User Experience >

4. Hosted as a Service >

5. Connected to Other Cloud Services >

6. Access to the Newest Workspace ONE Capabilities >

Simplify Employee Experiences and Reduce IT Complexity >

The Access Challenge

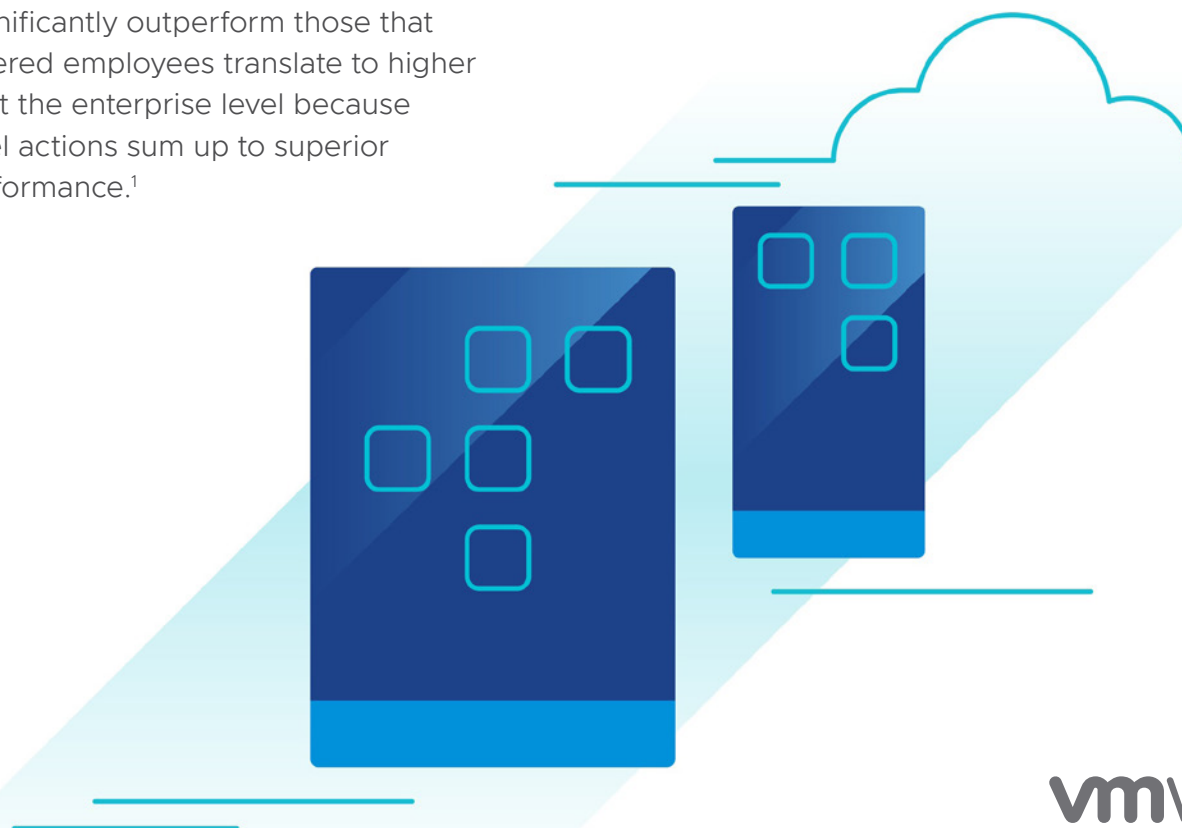
Digital transformation is driving a shift in the way organizations operate. By granting workers greater access to the apps they prefer and need to do their jobs, empowered employees are becoming more productive, according to research. They're making decisions faster, collaborating better, and experiencing higher job satisfaction.

But that's not all.

Companies that make apps available, and highly accessible, significantly outperform those that don't. Empowered employees translate to higher performance at the enterprise level because employee-level actions sum up to superior enterprise performance.¹

These reasons make it imperative for your organization to eliminate digital silos and transition to an application access experience for your employees that always works, across all the devices, securely, and cost efficiently for your business.

This ebook examines why enterprises are adopting cloud-hosted identity brokering with VMware Workspace ONE® Access™ (formerly VMware Identity Manager™) for multi-factor authentication and conditional access to any application, from any device.



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Although the multiple security and identity systems you have in place for different silos of applications may work, they are more complex to use and manage than necessary. Your employees and your IT organization deserve better.

Reduce barriers – Traditional barriers to mobility such as complex passwords, configuration steps, traditional VPNs, and tokens, impede employee productivity.

Speed delivery – Innovation slows when IT isn't free to roll out new apps and services immediately—without worrying about manual user entitlement.

Lower costs – IT complexity, stemming from different identity stores and providers, hinders progress toward greater automation for faster provisioning, reporting, and governance.

Workspace ONE Access, purpose-built for cloud, includes critical capabilities that deliver technical, operational, and financial benefits beyond what your existing onsite solutions will ever be able to provide.

Services (subscription and managed) will represent at least 50 percent of security software delivery by 2020.²

[GARTNER FORECAST: INFORMATION SECURITY, WORLDWIDE](#)

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6 Must-Have Capabilities

These six must-have access management capabilities — built into VMware Workspace ONE Access — simplify employee experiences and reduce IT complexity:

1. Conditional access and single sign-on for all app types, boosting experiences
2. Broker between identity stores and providers, reducing IT burdens
3. Improved user experience for better IT-business partnership
4. Hosted as a service for greater IT and business agility
5. Connected to other cloud services for maximum efficiency
6. Access to the newest Workspace ONE capabilities, increasing velocity



Conditional Access and
Single Sign-On for All App
Types, Boosting Experiences

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1. Conditional Access and Single Sign-On for All App Types, Boosting Experiences

Your employees want seamless access to all of their information and apps without administrative hassles. Yet protecting corporate data in a perimeter-less environment is not only challenging for IT teams, it can be costly when you have to deploy and manage a variety of disconnected solutions.

Workspace ONE Access leverages a zero-trust security model that protects your organization's sensitive information while providing a consumer-like experience for demanding users.

First, here's how its conditional-based access controls work to strengthen security:

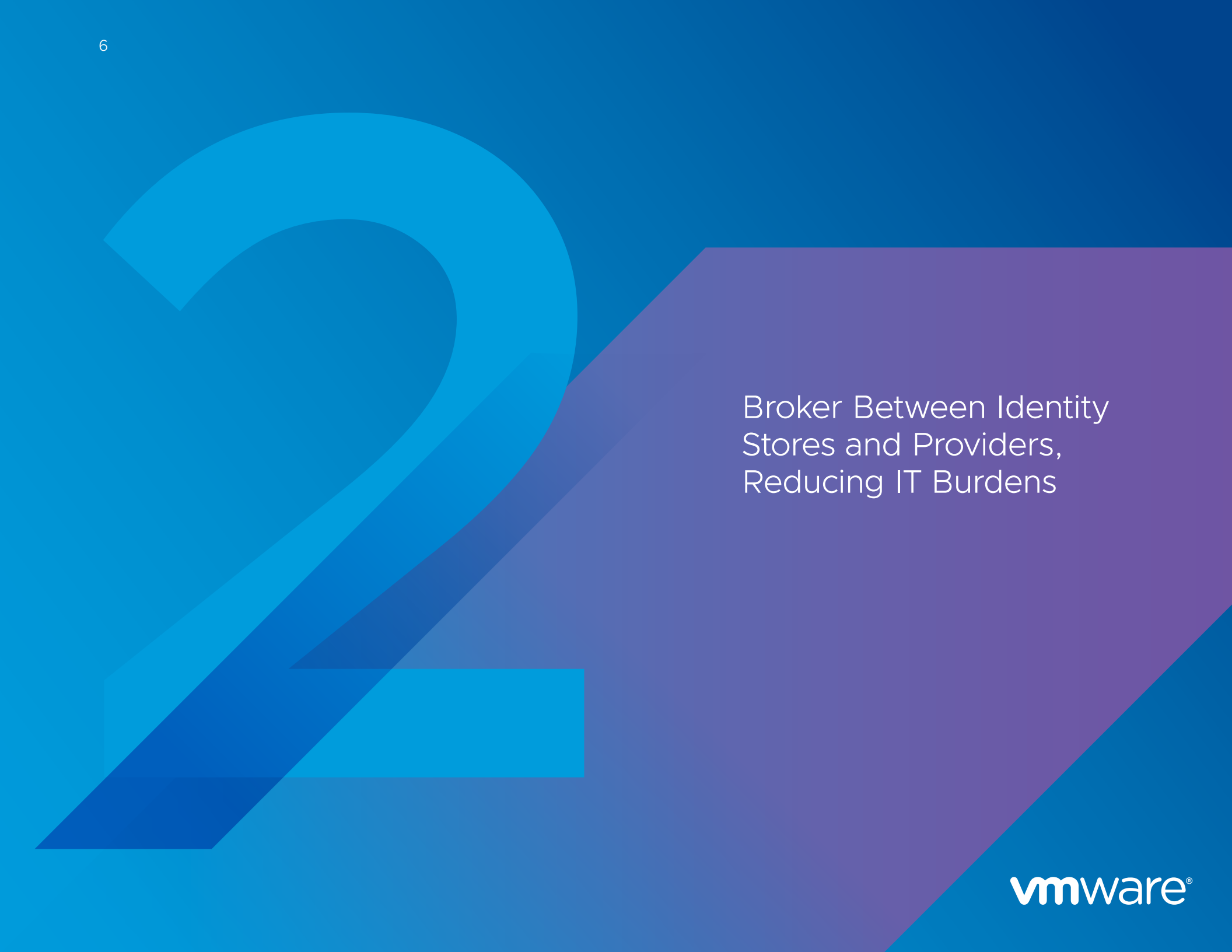
- To control access, the solution uses a combination of identity, location, and device context — for example, if user access is coming from a new network on a known device, step-up authentication requirements

- Similarly, check whether the device or the application is managed or not, whether it has blacklisted applications, or is jailbroken. For example, the device may be new to the user and can be taken through the enrollment process or access can be denied

Second, here's how the solution ensures seamless any-app access to employees based on job profiles for deeper employee engagement, productivity, and satisfaction:

- Single sign-on (SSO) eliminates multiple log-ins, reducing administrative burdens to access all mobile, SaaS, Web, and virtual applications
- Workers have a consistent log on and access experience across devices and OS types for all enterprise apps, SaaS, native web, and virtual apps
- Employees are free to access the applications they need to complete tasks from the device that is best suited or most convenient for that task



The background features a large, abstract graphic composed of overlapping geometric shapes. On the left, there are several curved and angular shapes in various shades of blue, ranging from light to dark. On the right, a large, solid purple shape extends from the top edge down towards the bottom right corner, partially overlapping the blue shapes.

Broker Between Identity
Stores and Providers,
Reducing IT Burdens

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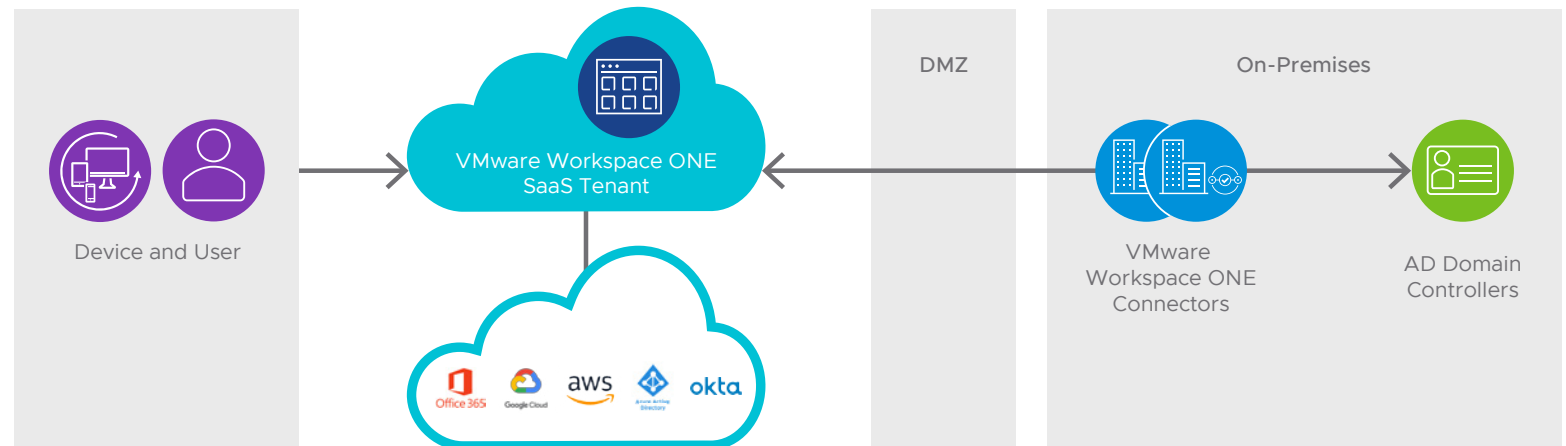
2. Broker Between Identity Stores and Providers, Reducing IT Burdens

If your enterprise IT environment, like so many others, has evolved through merger and acquisition (M&A) activity or business unit expansion, it likely includes a mix of new and legacy identity stores from a host of providers. While not uncommon, it is cumbersome for one company to be using ADFS, Azure AD, Okta, Ping, and Active Directory across disparate locations.

Workspace ONE Access acts as a broker between popular identity stores and providers — onsite and in the cloud — to streamline management.

Workspace ONE Access also reduces IT administrative burdens and errors:

- Deliver consistent, secure, enterprise-wide access to applications and data from any device in any location without rearchitecting your identity infrastructure
- Leverage investments in federation solutions such as Okta
- Provide a single, simpler point of access for users to mobile, SaaS, web, and virtual apps and desktops while continuing to use solutions installed on-premises, behind the firewall



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Improved User Experience
for Better IT-Business
Partnership

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3. Improved User Experience for Better IT Business Partnership


A seamless digital experience for employees — including the ability to easily access the information and resources they need, anytime, anywhere on the devices they choose — positively impacts business outcomes including rate of growth, employee sentiment, and talent recruitment, according to a [new study](#).

For your organization to deliver the experience your workforce expects and needs while protecting sensitive information, your IT team needs an automated way to quickly understand the following and more:

- What device someone is using
- Whether that particular device is known to the enterprise (e.g., is registered or has entered previously)
- The network from which the device is accessing

The combination of Workspace ONE Access and Workspace ONE Intelligence empowers your IT organization to be a proactive partner to your business. Workspace ONE Intelligence delivers insights specific to your users' devices and networks, providing metrics detailing application usage and device compliance.



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Hosted as a Service
for Greater IT and
Business Agility

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4. Hosted as a Service for Greater IT and Business Agility

Your enterprise can have digital infrastructure that does it all. Workspace ONE Access hosted in the cloud is both an easy first step to a complete migration of Workspace ONE in the cloud or it can be used with your on-premises deployment of VMware Workspace ONE® Unified Endpoint Management™.

With enterprise cloud adoption now over 96 percent,³ your organization isn't alone in running critical applications in the cloud, achieving secure access and business advantages such as these:

- **Fast initial setup** – There's no equipment to purchase and no rearchitecting a legacy environment
- **Simplified and automated deployment** – You can deploy new services in days rather than months, gain built-in security, and meet requirements including SOC2, HIPAA, etc. keeping business in compliance and competitive

- **Worry-free maintenance and easy updates** – It's automatically updated with the latest security patches and VMware software to protect against threats
- **High availability** – The solution features automatic failover and recovery plus a 99.9 percent uptime SLA with continuous monitoring by VMware for peace of mind
- **Disaster recovery** – There's 24-hour monitoring and response, should the worst case happen

Workspace ONE Access hosted in the cloud delivers a scalable, resilient method of bridging identity stores for faster adoption of new applications enterprise wide. With less to manage, teams have more time and the flexibility to innovate.





Connected to Other
Cloud Services for
Maximum Efficiency

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5. Connected to Other Cloud Services for Maximum Efficiency

Since the launch of Amazon Web Services (AWS) in 2006, public cloud's importance to the enterprise has steadily increased. Today, 81 percent of enterprises operate multi-cloud landscapes and 26 percent spend over \$6 million annually on public cloud infrastructure, according to [CIO Magazine](#). In the multi-cloud business world, a VMware digital foundation with Workspace ONE Access is mission critical.

Like all VMware cloud-ready solutions, Workspace ONE Access ensures seamless integration with large public

cloud offerings — AWS, Google Cloud, IBM Cloud, and Microsoft Azure — as well as VMware Cloud Provider™ partner clouds to provide your organization with all of the cost, operational, and scale efficiencies of cloud computing.

While eliminating capital expenditures, the solution simplifies your organization's adherence to the optimal strategy IT sets for providing secure access across data and applications housed in different clouds and geographies. It also helps IT predict operational tasks and costs. As a result, you can better keep up with the rapid, constant rate of change in your business, across your industry, and around the world.



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Access to the Newest
Workspace ONE Capabilities,
Increasing Velocity

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6. Access to the Newest Workspace ONE Capabilities, Increasing Velocity

Velocity and speed are related but different. Organizations want both from your enterprise IT team. Speed is how fast an object moves (in this case, what gets done) while velocity is how fast and in what direction the object is moving (in this case, what gets done and is it the right thing)?

Through hosted Workspace ONE Access, your organization gets all-new features and functionality at cloud speed so your enterprise can operate at increasing velocity.

The capabilities highlighted provide tremendous flexibility so IT is free to focus on innovation:

- Automatically connect to Hub Services and Workspace ONE Intelligence
- Publish once to make new apps available from the application catalog
- Empower users with Workspace ONE Intelligent Hub
- Notify users about important corporate communications, events and complete instant task workflows
- Encourage cross-functional collaboration with an up-to-date, easy-to-access employee directory

With hosted Workspace ONE Access, you can be ready on day one to embrace the latest innovations and deliver the best IT support for your business.

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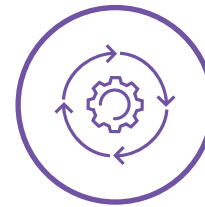
Cloud models are no longer emerging; they're simply how digital business operates.

Remember your business can have it all. Simply discover and adopt cloud-hosted Workspace ONE Access to realize significant IT and organizational benefits:



Technical

- Dynamic scalability to meet changing business requirements
- Robust security in compliance with leading security measures



Operational

- Zero-touch maintenance with automated upgrades in hosted model
- Fast implementation
- 24-hour monitoring and response with 99.9 percent uptime SLA



Financial

- Lower operational and capital expenses
- Predictable expenses with an OpEx model
- Eliminate maintenance support contracts

ENDNOTES

1 Forbes Insights, "The Impact of the Digital Workforce," November 2017.

2 Gartner Forecast: Information Security, Worldwide, 2016-2022, 2Q18 Update, August 15, 2018

3 CIO, "IT Governance Critical as Cloud Adoption Soars..." April 2018.



GET STARTED TODAY

Learn more about Workspace ONE Access capabilities.

[Learn More](#)

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