

# Make Azure Virtual Desktop Thrive with Login Enterprise



Since the pandemic, organizations have been steadily adapting to a hybrid work environment challenging IT departments to find solutions that are cost-effective, secure, flexible, and efficient—all while ensuring a good end user experience. On-premises VDI deployments and DaaS cloud deployments have differing cost, performance, management, and security considerations based on an organization's unique needs, so evaluating and choosing new configurations and deployments for digital workspaces can make it difficult to move confidently to Azure Virtual Desktop (AVD).

### **Find Your Solution Faster**

Moving from an on-premises solution to a cloud-based DaaS solution brings many unknowns since most infrastructure management moves from in-house to the service provider. As a part of the planning process, IT will be tasked with choosing a solution that delivers an optimized workspace that will conform to the cost, availability, and performance necessary to maintain peak productivity and efficiency.

Login Enterprise helps take the guesswork out of sizing and planning decisions by providing the ability to simulate real-user scenarios that can be applied to candidate solutions, quickly uncovering the best choice based on your organization's environment. With Login Enterprise, there is no need to involve end-users in testing candidate solutions, accelerating the path from planning to implementation.

### **Reduce and Manage Operational Costs**

On-premises solutions are expensive to maintain. Moving to the cloud helps organizations move from a heavy CAPEX model to a more predictable and steadier OPEX one.

Login Enterprise can help IT better plan and manage ongoing operational expenses by

helping determine the right solution for your organization at all life cycle stages – before, during, and after migration.

### **Improve Productivity Through a Better User Experience**

A good user experience is at the heart of high productivity. AVD workspaces will invariably experience added business applications to the core image, so performance, security, and availability require continuous optimization. It's not uncommon for AVD workspace performance to begin to lag, creating friction for end-users or, worse, keeping users from connecting at all.

Login Enterprise empowers IT to test the effects on the performance of each addition to the base image of the solution, allowing it to confidently and objectively quantify the impact each addition causes. Login Enterprise also allows IT to test out optimizations that would reduce the overall cost of the solution without impacting the user experience or productivity.

### **Be the First to Know About Outages**

Relying on a cloud service provider for your infrastructure needs leaves businesses with a lack of control over their uptime and availability. Periods of unavailability impact productivity and,

ultimately, revenue. The faster IT knows about an issue, the faster a plan can be put into place to minimize the impact on the business. Fortunately, many steps can be taken to mitigate downtime, but only if you know about the issue.

Login Enterprise mitigates downtime by alerting IT as soon as an incident occurs, even if it happens in the middle of the night. The ability to respond to an outage 24/7/365 helps reduce downtime from days to hours.

### Select the Best VMs for Your Session Hosts

There are many options for the right instance size to use as the basis for the AVD deployment that will provide the best balance between cost and performance. If you get it wrong, the user experience and productivity will be compromised, rendering the deployment a failure. Your organization can also risk overpaying when more cost-effective options provide the same performance.

Microsoft even suggests using simulation tools before AVD deployment: “Use simulation tools to test deployments with stress tests and real-life usage simulations. Make sure the system is responsive and resilient enough to meet user needs, and remember to vary the load sizes when testing.”

Login Enterprise allows you to accurately simulate users and real-life scenarios to ensure your AVD deployment is “responsive and resilient enough to meet user needs.”

### Improve Workspace Performance

Layering a line of business applications and security software on a Windows 10 multi-session image requires more computing resources



Figure 1 – Login Enterprise report showing performance with different user capacities on an Azure Virtual Desktop session host.

and will likely change the responsiveness and scalability of the solution you choose.

Login Enterprise allows cloud and infrastructure teams to test the workspace before and after the applications are added to discover the impact these additions have. Understanding the impact of application changes and updates on other applications and the digital workspace as a whole allows AVD Administrators to remediate issues and keep help desk calls down.

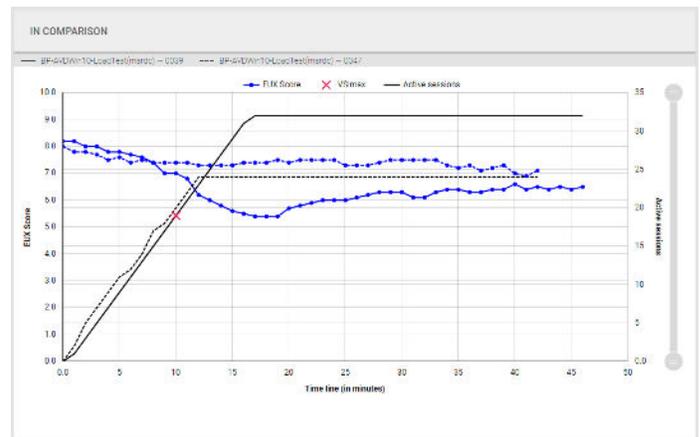


Figure 2 – Login Enterprise report illustrating end user experience on different Azure Virtual Desktop configurations.

## Ensure Microsoft's FSLogix Solution Scales

AVD has many integrations that can impact the design and deployment choices you make. FSLogix, which is used to store user profiles, is one of those, and it can have a dramatic effect on your deployment options. Adding Profile containers requires knowing how much storage capacity and performance are needed to provide the fastest solution. Choosing poorly can result in slow application performance and long logon times.

To find the best match for your business, you can use Login Enterprise to test the solution at scale. Having visibility into logon issues, logon times, and application responsiveness can quickly drive a lot of confidence in the solution. Due to the nature of roaming profiles, it is also a good practice to see how they interact with processes like Group Policy.

## Test Anywhere to Support Remote Workers

Designing and deploying AVD is one thing. Managing AVD deployments in production is another. Did you deploy AVD to a region in the US? Is the experience the same for users in the UK?

Login Enterprise can pinpoint performance differences between users located in the

same region as an AVD deployment, across a continent, or worldwide. The ability to measure end user experience from multiple viewpoints provides invaluable insight into your AVD deployment. As a result, you can generate SLA Reports not based on the application, but on regional performance from your end users' perspective, including offshore and nearshore resources.



Figure 3 – Login Enterprise evaluates real-time performance and availability by location to alert against issues 24/7/365.

## Ready to Begin Your Journey?

Learn more about how a [digital workspace reliability platform](#) can be your competitive advantage.

Ready to see more? Request a [live demo](#) of the Login Enterprise Platform.

[Get in touch](#) with the Login VSI team.



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