

AVD Proof of Concept: Empowering High-End Workloads with Azure Virtual Desktop

Are you ready to elevate your high-end workloads, including 3D rendering applications such as AutoCAD, to the cloud? Our AVD Proof-of-Concept (PoC) Consulting Service is designed for companies like yours—experienced in implementing virtual desktop solutions and well-versed in third-party connection brokers.

1.1 What Is Azure Virtual Desktop (AVD)?

Azure Virtual Desktop (AVD) is a Microsoft-based solution that securely delivers virtual desktops and remote applications. With AVD, you can provide a seamless multi-session Windows 11 and Windows 10 experience while optimizing costs and maintaining control.

1.2 Our Approach

1.2.1 Discovery Workshop

- Understand your high-end workload requirements.
- Define PoC success criteria tailored to your specific use cases.

1.2.2 Configuration & Implementation

- Size and price your AVD landscape for resource-intensive tasks.
- Implement Identity Management seamlessly.
- Configure hybrid connectivity if needed.
- Leverage our guided onboarding process for AVD deployment.
- Establish robust cloud resource governance.

1.2.3 Training & Enablement

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- Receive a comprehensive deployment report.
- Access step-by-step guides and valuable resources.
- Gain confidence in managing AVD operations for demanding workloads.

1.3 Connection Brokers

We recognize that different scenarios require different connection brokers. Here are some options:

1. **Citrix:** Known for its robust features and flexibility, Citrix provides advanced capabilities for managing virtual desktops and applications. It enhances user experience through features like HDX protocol optimization.
2. **HP Anywhere:** HP Anywhere offers seamless access to virtual desktops and applications across devices. Its protocol optimizations ensure smooth performance even in challenging network conditions.
3. **Parsec:** Parsec focuses on low-latency streaming, making it ideal for graphics-intensive workloads. It prioritizes responsiveness and visual quality, enhancing the user experience.

1.4 Service Deliverables

- Greenfield deployment without migration headaches.
- Remote delivery based on proven blueprints.
- Scalability options based on user types and applications.
- Deployment via code (terraform) offers deploying the entire infrastructure within minutes

1.5 Benefits

- Accelerated AVD environment deployment.
 - In-depth training during deployment.
 - Detailed documentation for ongoing management.
 - Efficiency gains with AVD and Azure.
- Centralization:** AVD centralizes your desktop infrastructure, allowing you to manage and maintain virtual desktops from a single location. This streamlines administration and ensures consistency across your organization.
- **No Hardware Refreshment:** With AVD, there's no need for frequent hardware upgrades or refresh cycles. Your virtual desktops run in the cloud, eliminating the burden of managing physical hardware.
 - **Enhanced Security:** AVD provides robust security features, including encryption, multi-factor authentication, and network isolation. Your data remains protected, even when accessed remotely.

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- **Attracting Talent and Easy Onboarding:** Offering AVD as part of your technology stack can attract top talent. New employees can quickly onboard with pre-configured virtual desktops, reducing setup time.
- **Lower IT Spend:** AVD reduces infrastructure costs by eliminating the need for on-premises servers and hardware. You pay only for the resources you use, optimizing your IT budget.
- **On-Demand Scaling:** AVD allows you to scale up or down based on business needs. Whether you're expanding your workforce or adjusting capacity, AVD adapts seamlessly.
- **End User Productivity and Flexibility:** Users can access their personalized desktops from any device, anywhere. This flexibility enhances productivity and work-life balance.
- **Centralized Content and Data:** AVD keeps content and data centralized in the public cloud. Collaboration becomes easier, and data remains secure.
- **Leveraging Powerful Cloud Services:** By integrating with Azure services, AVD enables advanced capabilities such as machine learning, analytics, and AI.
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1.6 Requirements

- Ensure eligible Microsoft 365 licensing for AVD.
- Set up reachable Corporate Active Directory or Azure AD DS.
- Synchronize Local AD when using Active Directory.

1.7 PoC Agenda

1. Discovery Workshop:
 - Identify high-end workload specifics.
 - Define success criteria aligned with your goals.
2. Configuration & Implementation:
 - Tailor AVD setup to resource-intensive tasks.
 - Publish applications for optimal performance.
3. Test & Monitor:
 - Continuously assess performance.
 - Gather feedback from real-world usage.
4. Next Steps:
 - Review performance insights.
 - Plan for seamless scaling and production deployment.