



DATA SHEET

APPGATE SDP: CITRIX READY

Secure Citrix VDI with fine-grained access controls

Many enterprises are struggling to implement least privileged access into their VDI environments.

Citrix is a pervasive platform with over 400,000 businesses utilizing Citrix for its desktop virtualization capabilities. Appgate SDP reinforces the Citrix Desktop Virtualization solution, helping resolve costly challenges for securing and connecting multi-cloud and hybrid environments.

Together, Appgate & Citrix deliver the best of both worlds, merging virtualization and policy-controlled segmentation in an easy to deploy and highly secure package.

BUSINESS BENEFITS OF SDP WITH CITRIX VIRTUAL DESKTOPS

Many Citrix environments were deployed when cloud was nascent. Public cloud workloads are orders of magnitude more complex, requiring fine-grained policies and conditional access to secure them.

- **Supports cloud, multi-cloud & hybrid architectures.**
Appgate SDP overlays network access controls inside and across clouds within Citrix's virtualized context.
- **Simplifies workflow and streamlines user experience.**
Appgate SDP allows a single Citrix cluster to support all users and all local and remote cloud entitlements. Reduce costs while providing an elegant single cluster architecture, while providing fine-grained access control.
- **Accelerates migration to the cloud.**
It is challenging for larger enterprises to embrace portable architectures or utilize containerization due to technical debt. The combination of Citrix and Appgate SDP enables the digital transformation of the largest enterprise workloads.
- **Provides protection from network-based attacks.**
Data Insulation meets Zero Trust to create a "virtualized desktop Zero Trust environment" to ensure complex threats like ransomware and lateral attacks are rendered ineffective or completely disarmed.



BENEFITS

Supports cloud, multi-cloud & hybrid IT architectures

Simplifies workflow and streamlines user experience

Accelerates migration to the cloud

Provides protection from network-based attacks

Reduce complexity and simplify policy

SAMPLE ARCHITECTURE

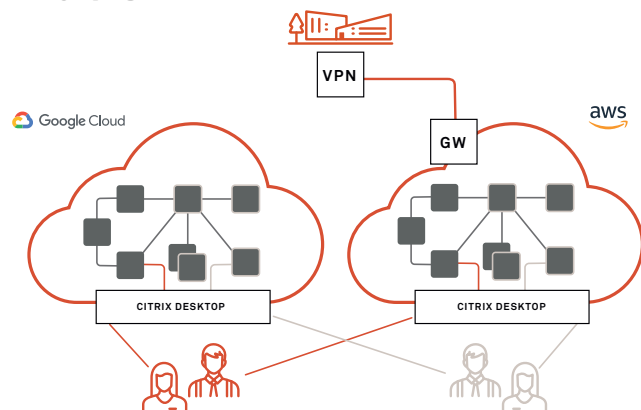
Citrix provides a virtualized desktop via layer 7 connectivity to remote resources. This provides an emulation from which users can access many different services whether web, SSH, or other terminal sessions. This approach is considered processor intensive as well as “point-to-point”. One environment requires one virtualized desktop.

From a user and administration perspective this requires duplicate Citrix class hardware or resources, providing

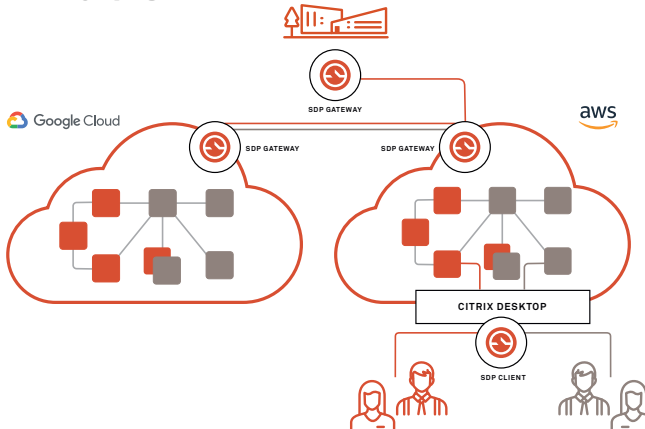
roles for access with common credentials, and a way for users to manage multiple environments. Further, access logs are not synchronized natively.

After Appgate SDP is architected into the solution, user access is consolidated, remote cloud access is integrated into a common platform—no ad-hoc VPNs or other connectivity solutions are required. Cloud access is micro-segmented based on user identity, context and risk posture.

BEFORE APPGATE SDP



WITH APPGATE SDP



WHEN TO DEPLOY

Appgate is complementary in multiple use cases to Citrix deployments and provides an added layer of security and simplicity.

The following scenarios highlight some of the opportunities which Appgate SDP can further simplify and secure a Citrix deployment:

- When Existing Citrix deployments require new cloud connectivity or connectivity to local premises where additional Citrix Virtualized deployments are impractical or result in usability issues from constant environment switching.
- New deployments looking for best of breed capabilities to protect and insulate data from untrusted BYOD or third-party devices.
- Multi-national businesses with data ownership regulations or data handling requirements related to the transfer of data outside of country or geographic boundaries.
- Initiatives requiring a centralized point of entry or eliminating public open ports at remote locations or on-premises
- Complex environments with over-lapping IP infrastructure where policy controlled micro-segmentation can isolate users and reduce the threat of lateral attacks upon shared services, data, or resources

COMPATIBILITY:

Citrix Virtual Apps and Desktops
Version 7.1909 and above*

*May be compatible with other versions, but not tested and certified.