Futureproof Your Workstations for the Multicloud Era
In Summary

- **Public cloud infrastructure revenues** are climbing rapidly in response to heavy investment in compute, networking, storage and security infrastructure – now annualized in excess of $40 BN with growth rates exceeding 35%.

- **Enterprises are seeking public cloud or hybrid options** for future workstation deployments – opting to repeat TCO benefits already realized from centralized storage and servers.

- **Cloud provider lock-in is a legitimate concern** with vendors actively competing for advantage – traditional VDI tools suffer weak feature parity across cloud platforms which limits freedom of choice.

- **Seamless migration** demands a seamless management architecture supporting any combination of public cloud, on-premises and hybrid processing resources.

**A Fresh Approach**

Teradici Cloud Access Manager takes a new approach to orchestration and entitlement, offering a SaaS service that interacts with innovative access hubs in your deployment; facilitating ultra-secure PCoIP® connections between users and workstation resources anywhere.

Cloud Access Manager is included with Cloud Access subscriptions and leverages modern DevOps practices to unwind management complexity and reduce total cost of ownership (TCO). The service works in tandem with cloud-independent Connectors deployed in the enterprise to facilitate ultra-secure PCoIP connections - from PCoIP Clients anywhere.

Traditional VDI tools, on the other hand, comprise a complexity of management and connection broker components with on-premises server-centric dependencies. Scaling to the public cloud entails a tough choice between adding layers or taking on additional products; both of which increase complexity and inflate TCO.

* Sources: Gartner (April 2019) and RightScale 2019 State of the Cloud Report
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One Solution, Any Scenario

PCoIP Technology has long been adopted as the remote solution of choice for high performance graphics in media and entertainment, CAD, government, finance, healthcare and education. Teradici Cloud Access deployments based on PCoIP technology gain significantly from the capabilities of Cloud Access Manager, whether on AWS, Google Cloud, Microsoft Azure, on-premises, or a hybrid combination.

For PCoIP Remote Workstation Cards:
- Upgrade from fixed direct connections to secure and flexible brokered connections, including multifactor authentication (MFA)
- Simplify subscription fees by consolidating Workstation Access and connection broker components
- Prepare your management plane for emerging graphics needs such as High Dynamic Range (HDR) to be addressed by Cloud Access software

For Cloud Access Software:
- Align OPEX with business demands by effortlessly scaling resources up or down
- Manage cloud consumption by automatically deallocating unused remote workstations
- Improve efficiency by automatically provisioning Windows or Linux workstations
- Support highly secure access for offsite users without VPN endpoint complexities
- Isolate deployments based on access policy, disaster recovery or sandboxing objectives

FIG. 1 Cloud Access Multicloud Architecture
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Cloud Access Manager Admin Console

Cloud Access Manager Admin Console is a browser interface supporting Teradici Cloud Access Manager. This simple console puts delivery of a highly-scalable and cost-effective Cloud Access Software deployment at your fingertips – so you can manage your entitlements, cloud consumption costs and system health from a single interface.

<table>
<thead>
<tr>
<th>FEATURE</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>Machine Entitlement</td>
<td>Provide user assignment based on Active Directory (AD) groups</td>
</tr>
<tr>
<td>Health Monitor</td>
<td>Live indication of machine status, including ON, OFF and IN PROGRESS; Quick access to latest log messages</td>
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<tr>
<td>Machine Provisioning Service</td>
<td>Customize machine templates within the Management Interface; provisioning tools and more*</td>
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<tr>
<td>Power Management</td>
<td>Turn machines on or off right from the Management Interface to minimize consumption fees; Optional auto-power feature turns off inactive machines*</td>
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Cloud Access Connector

Cloud Access Connector is an easily installed access hub in your environment that reduces your internal management footprint. In addition to facilitating secure connections between PCoIP Clients and remote workstations, the Connector provides NAT services for external users which eliminates VPN endpoint complexity. The Connector operates with Teradici Cloud Access Manager service to enforce user authentication and authorization policies for remote workstation access.

<table>
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<tr>
<td>Multicloud Support</td>
<td>AWS, Google Cloud, Microsoft Azure, VMware ESX, Nutanix AHV, KVM* and non-virtualized</td>
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<tr>
<td>LDAP Directory Services</td>
<td>Supports redundant on-premises domain controllers, Microsoft Active Directory (AD) services, AWS Directory, Azure AD and Google Cloud Directory</td>
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<tr>
<td>RADIUS or IdP Provider</td>
<td>Get multifactor authentication (MFA) via on-premises RADIUS server or your choice of Identity Provider (IdP)</td>
</tr>
<tr>
<td>NAT Gateway</td>
<td>Incorporates the PCoIP Security Gateway, a NAT service trusted by enterprises worldwide. Compatibility with PCoIP Remote Workstation Cards</td>
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* Consult docs.teradici.com for the latest platform support
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Futureproofed Scalability
Cloud Access Manager anticipates your future connection scenarios, allowing you to extend your capabilities from on-premises to cloud based remote workstations or hybrid scenarios at your own pace, using a consistent simple topology and without impact to your Cloud Access subscription.

FIG. 2 Connection Scenarios
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Get Started Today
Teradici Cloud Access Software is available for Windows or Linux platforms. You can install the software on physical, virtualized or cloud-based remote workstations. Follow the link below to request a free trial today! http://connect.teradici.com/cas-demo

Teradici Cloud Access Manager is now available for AWS, Google Cloud, Microsoft Azure, VMware ESXi, Nutanix AHV or non-virtualized workstations. To deploy the solution on-premises, you need an Ubuntu 18.04 server to host the Cloud Access Connector. To deploy the solution in a public cloud, bring your own public cloud subscription – Visit the Teradici website for a demo or to request a trial: http://connect.teradici.com/contact-us

Teradici Cloud Access Manager can also broker for Remote Workstation Cards.

To Learn More
Visit http://www.teradici.com/cloud-access-software