

Teradici Deployment scenarios

Appendix 1

Overview

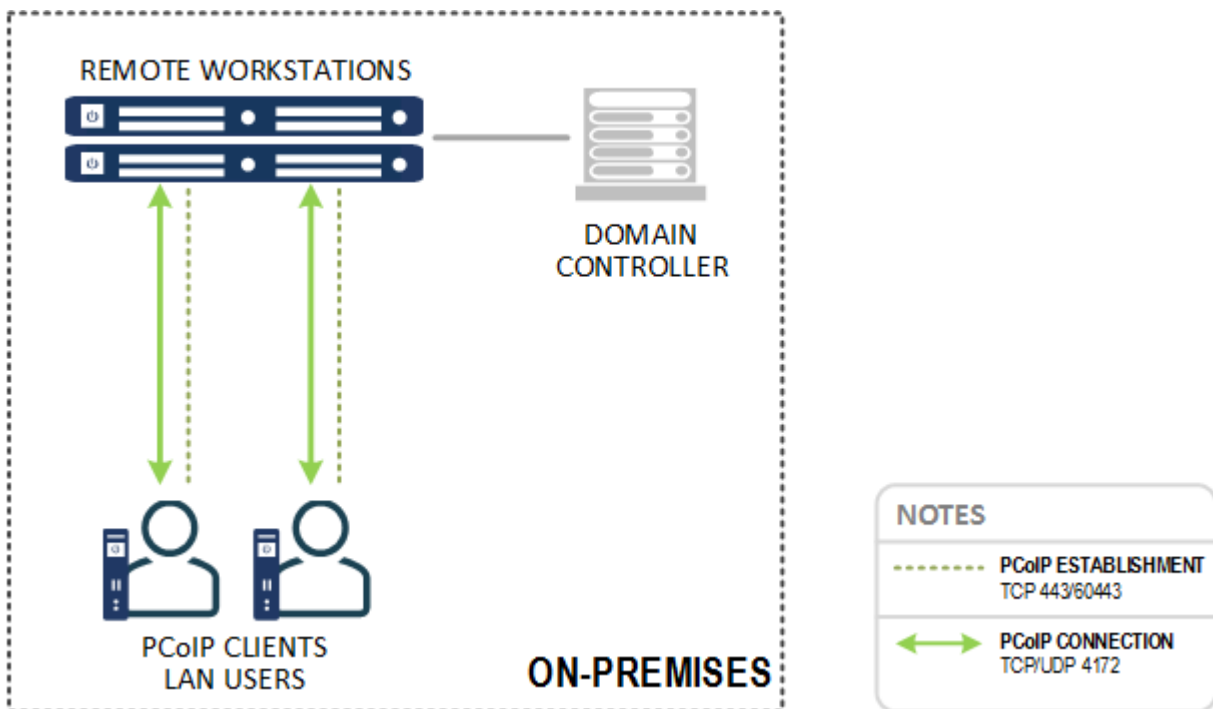
Cloud Access Software enables PCoIP connections between users and remote workstations or desktops using any of several connection models dependent on number of users, location of users relative to remote workstations, your desire to incorporate public cloud workstations and your authentication requirements. Ultimately, your deployment architecture may be based on one or more of these connection models according to your corporate use case:

- Unmanaged direct connection
- Managed connections for on-site users
- Managed connections for WAN users connecting to on-premises resources
- Managed connections for on-site users and public cloud workstations
- Managed connections for remote workstations in multicloud environments
- Connections brokered by third parties
- Work-from-Home Options with Cloud Access Software

You can choose to license your Cloud Access Software deployment using the Teradici Cloud Licensing Service or a PCoIP License Server.

Unmanaged Direct Connections

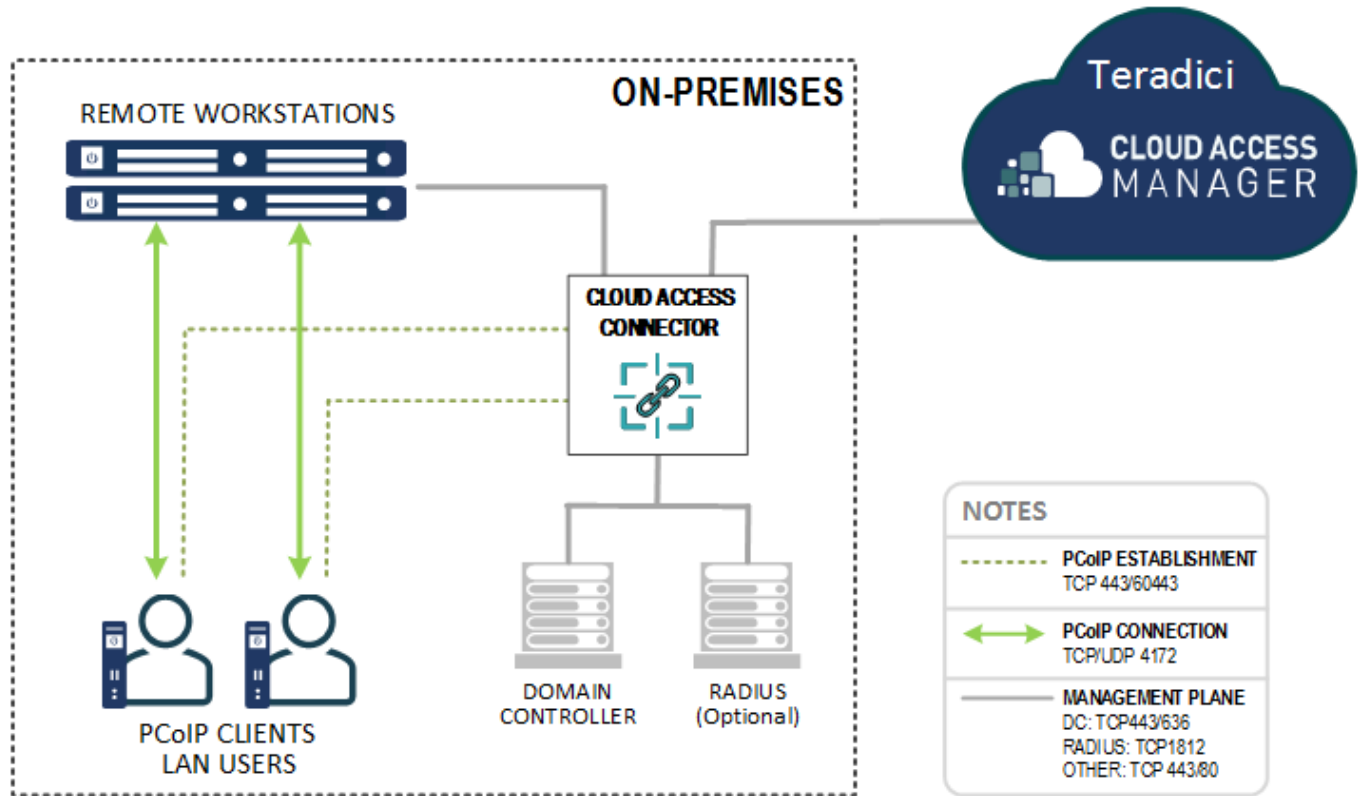
Unmanaged direct connections as shown below are well suited to proof of concepts, trials and small LAN deployments where flexibility in machine assignment and multifactor authentication may not be required. Each PCoIP endpoint connects directly to the IP address of a remote workstation.



Each PCoIP Client connects to PCoIP Agent software executing as a service on a remote workstation.

Managed Connections for On-site LAN Users

LAN Users connect to an internally published IP address of the Cloud Access Connector.

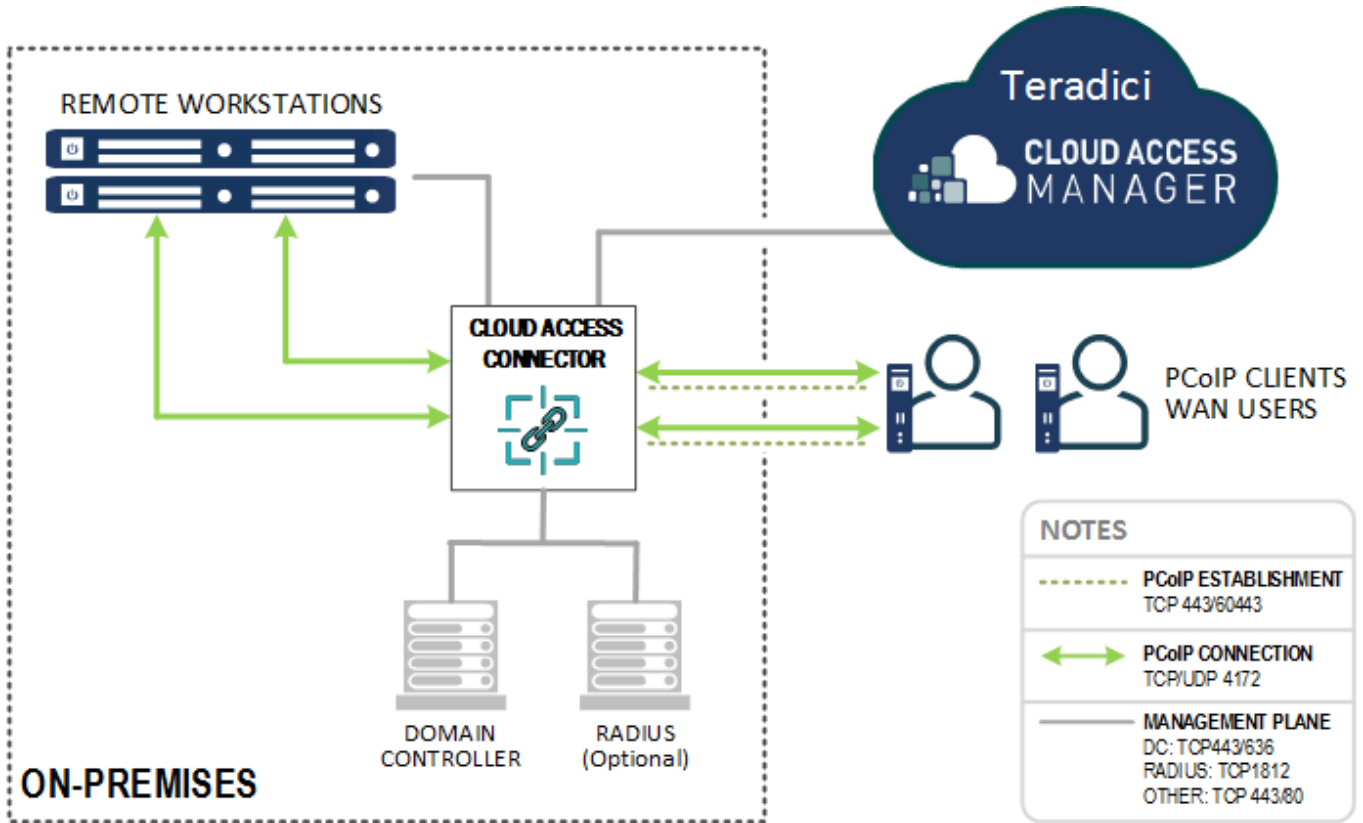


Managed Connections for WAN Users Connecting On-Premises

Off-site WAN users wishing to connect to on-premises remote workstations connect to an externally published IP address of the Cloud Access Connector.

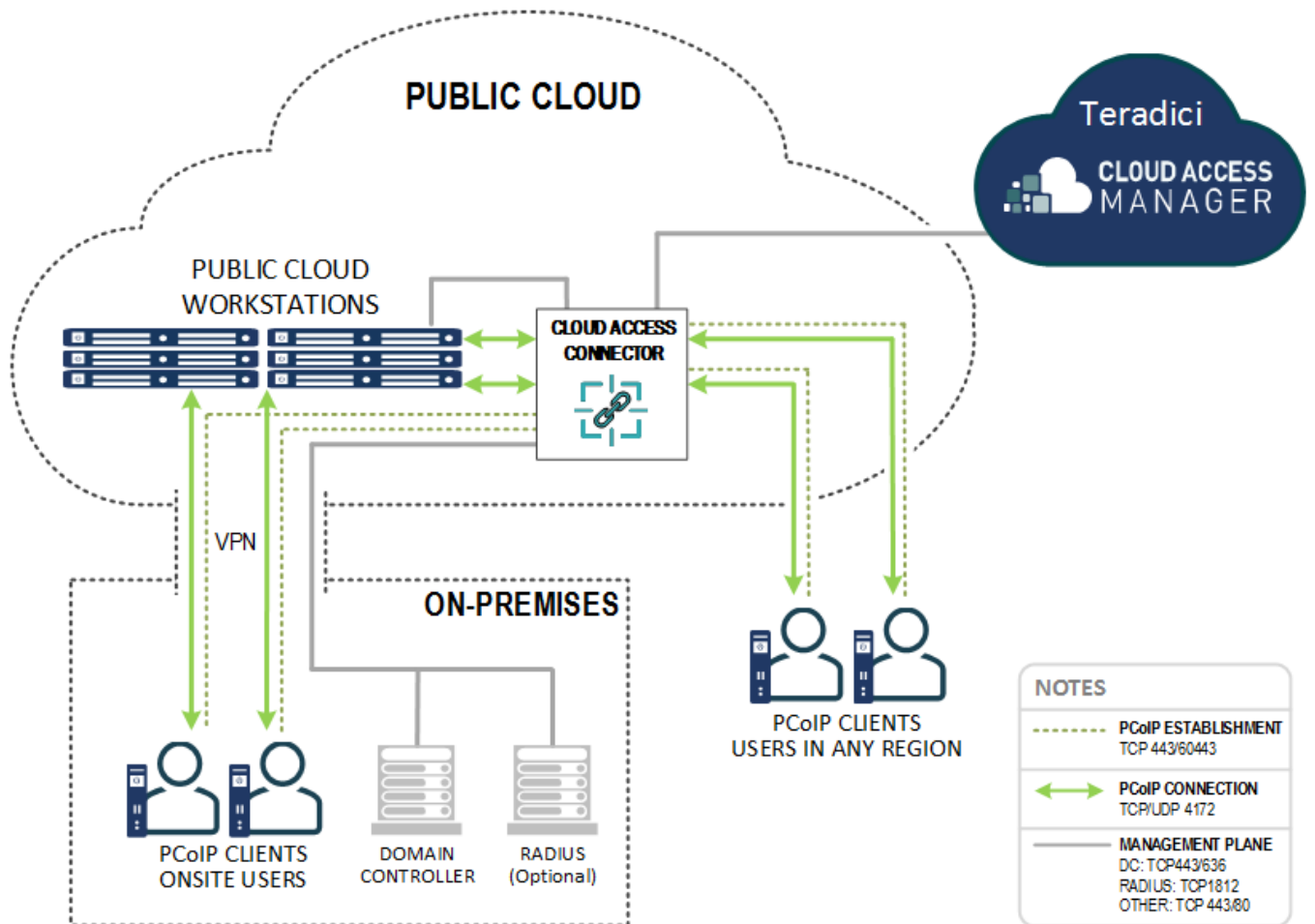
Cloud Access Connector DMZ Deployment

The Cloud Access Connector is conventionally deployed in a DMZ or semi-trusted zone (not shown in the diagram) and may be coupled with a reverse proxy to facilitate load balancing.



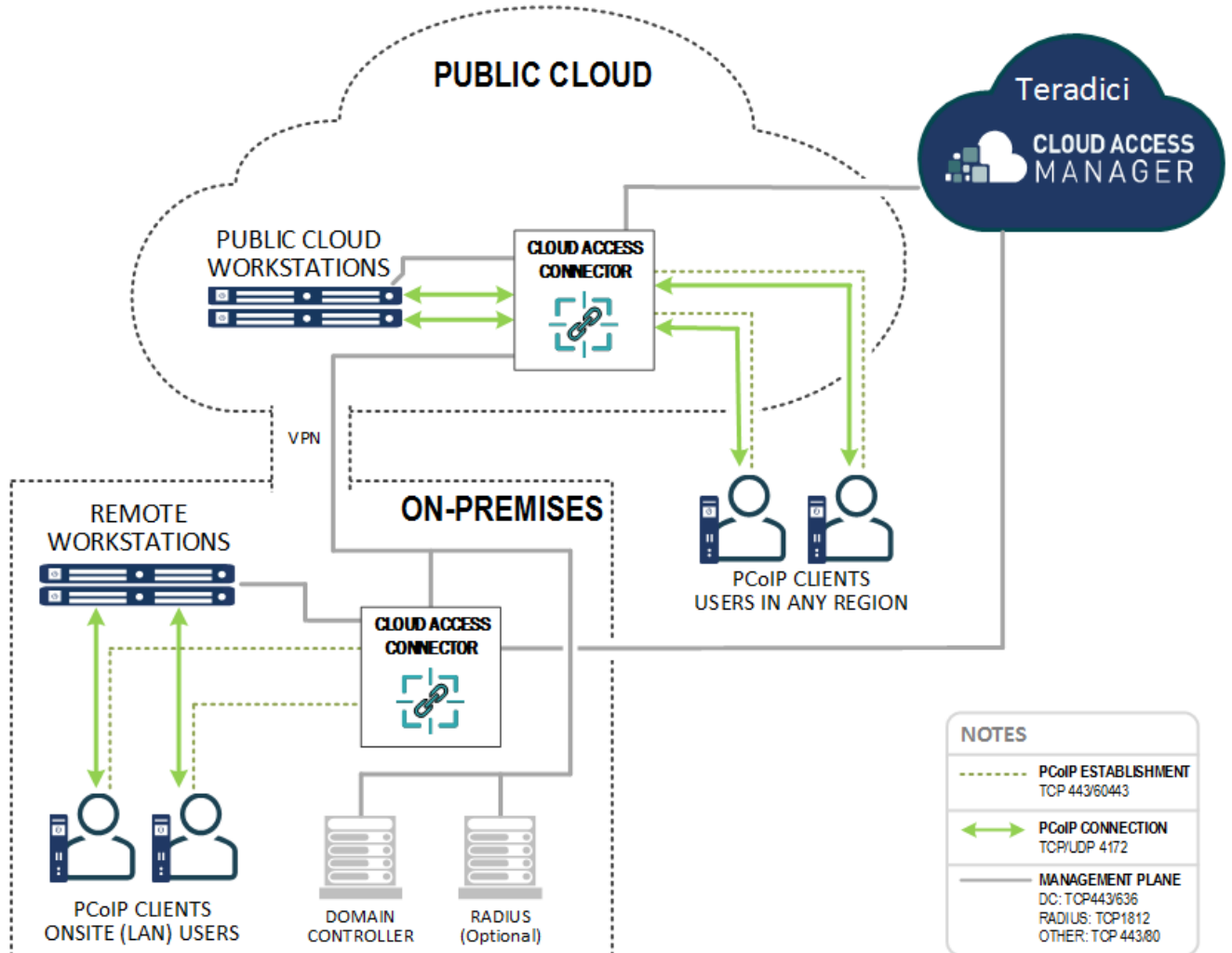
Managed Connections for Public Cloud Workstations

Cloud Access Manager supports connections to public cloud workstations. By deploying the Cloud Access Connector in your preferred public cloud (in one or more regions and/or multiple public clouds), you can provide your on-site users with public cloud workstations or support users across different geographic regions with the nearest public cloud workstations. By choosing public cloud workstations situated geographically close to your remote users, the user experience is optimized.



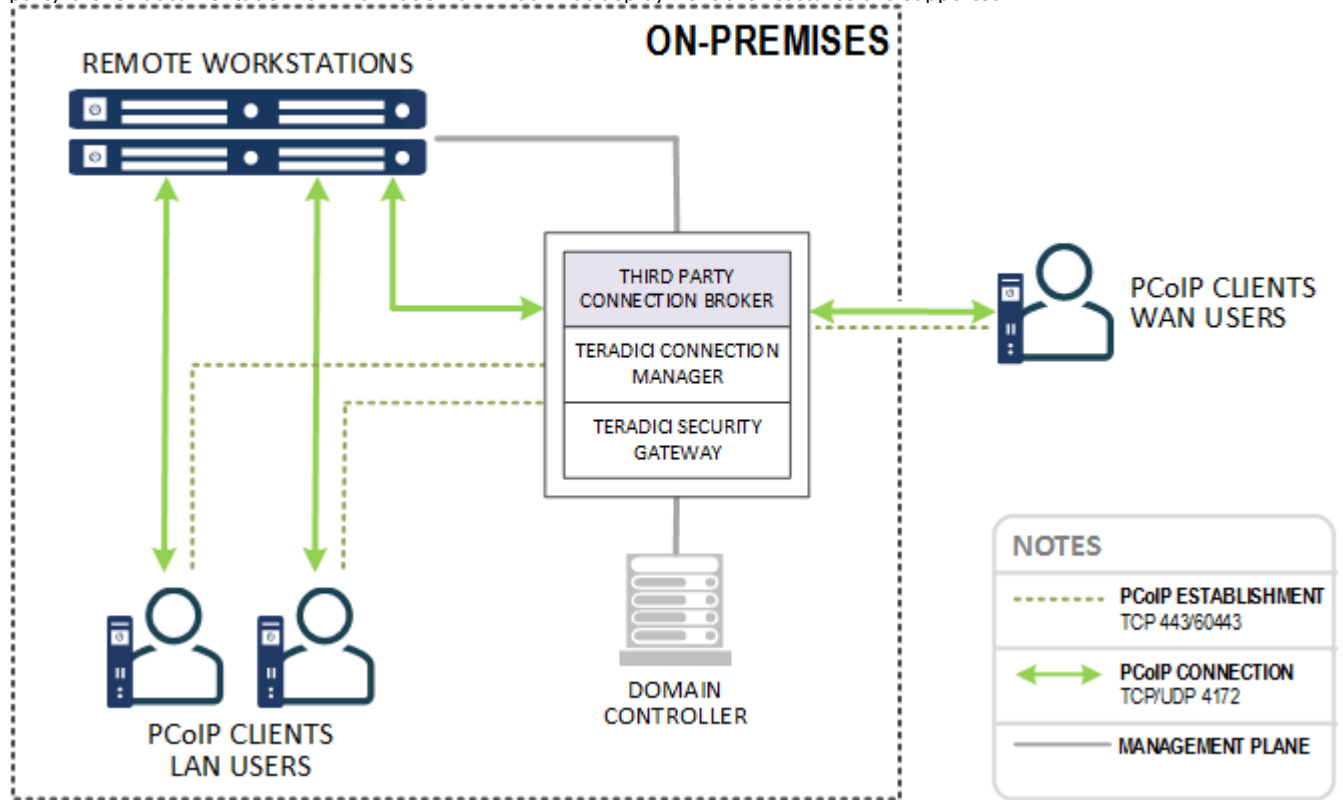
Managed Connections for Multicloud Workstations

Cloud Access Manager supports hybrid multicloud deployments comprising a combination of on-premises remote workstations (e.g. on VMware ESXi or KVM) and public cloud workstations in your preferred public cloud (in one or more regions and/or multiple public clouds). This is achieved by deploying the Cloud Access Connector both on-premises and in one or more public clouds. By choosing public cloud workstations situated geographically close to your remote users, the user experience is optimized.



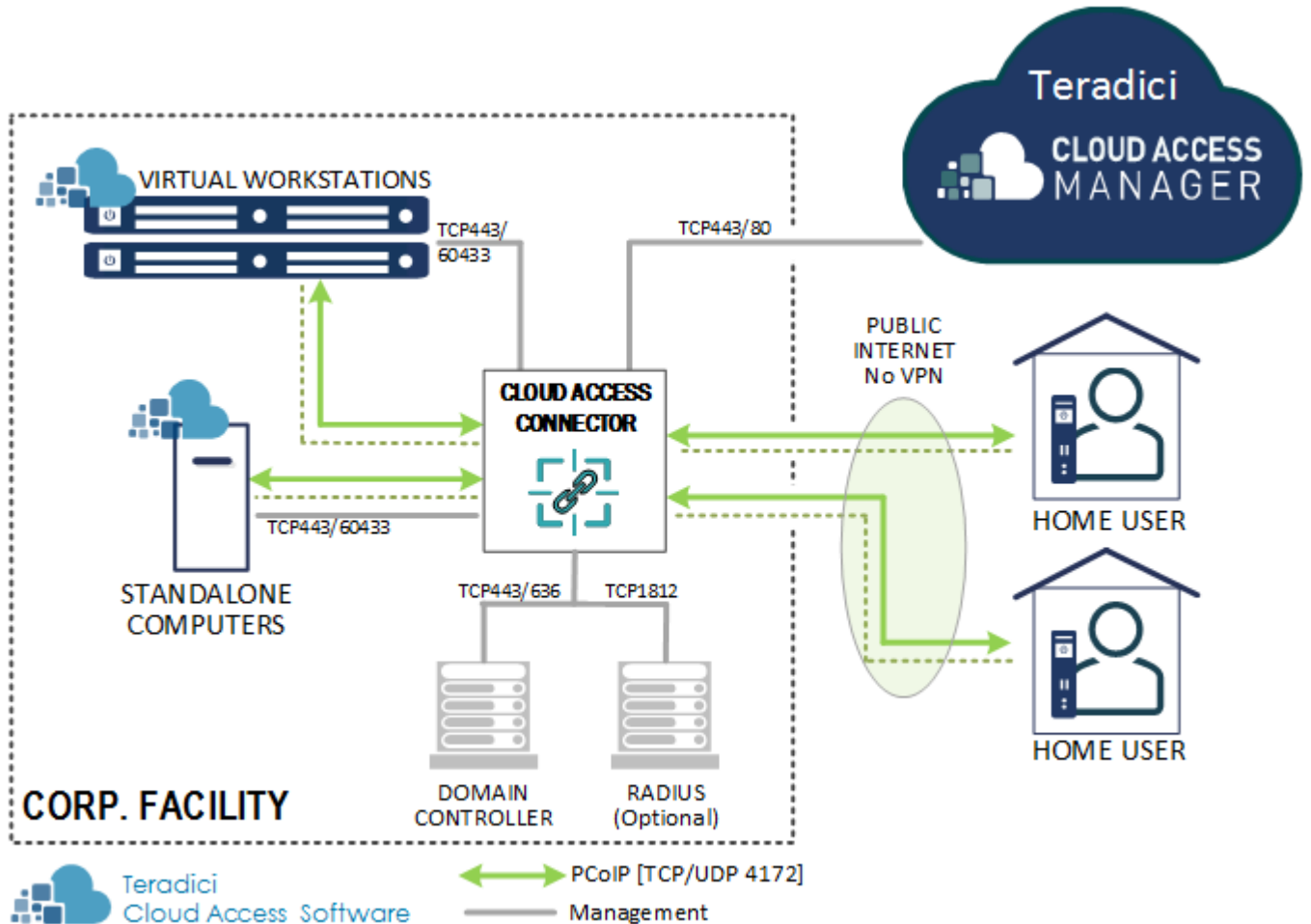
Third Party Connection Brokers

Cloud Access Software is fully compatible with third-party brokers without the deployment of Cloud Access Connector or features included with Cloud Access Manager. Consult third party documentation for pricing and deployment details. When using a third-party connection broker, PCoIP connections are brokered in conjunction with the Teradici Connection Manager and Security Gateway, see Connection Manager and Security Gateway. Please consult the third-party broker documentation for information on what what deployment architectures are supported.



Work-from-Home Options with Cloud Access Software

Teradici Cloud Access Software can offer a number of different solutions to your corporate work-from-home demands. The following image outlines a top-level architecture of the Work-from-Home scenario with Cloud Access Software:



TCP 60443

Teradici recommends using TCP 60443 for internal connections. It is not mandatory for TCP 60443 to be opened to the public network.

For an in-depth view of our work-from-home offerings, please see our [Work-from-Home Rapid Response Guide](#).

This guide outlines:

- [Work-from-Home options for Standalone Computers.](#)
- [Work-from-Home options with Remote Workstation Cards.](#)
- [Work-from-Home options with Cloud Access Software.](#)
- [Work-from-Home options for VMware Horizon.](#)
- [Performance Tips for Work-from-Home Use Cases.](#)