Teradici PCoIP® Standard Agent
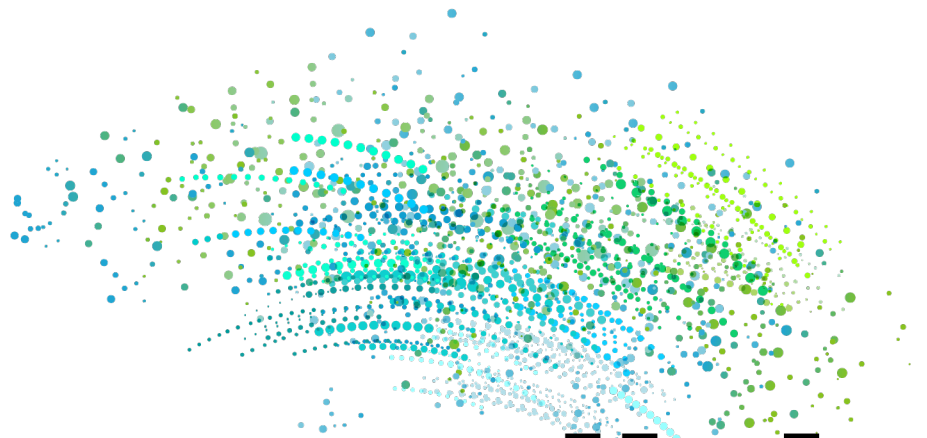## for Linux (Ubuntu)
Version 2.8

Quick Start Guide

TER1702006

Using This Guide

The following sections explain Teradici resources that help clarify our document conventions and terminology.

Understanding Teradici Document Conventions

Teradici documentation uses a common set of written and illustrated standards in order to make each document as intuitive as possible. For a complete listing, see Conventions Used in Teradici Documentation.

Understanding Terms Used in This Guide

While working with Teradici technology and reading our documentation, you may encounter terms or abbreviations you're unfamiliar with. Some of these terms, particularly acronyms, are similar and can be confusing.

To clarify many of the terms you'll encounter, Teradici maintains an online glossary covering both general IT terminology and Teradici-specific phrases and acronyms. The glossary is available at the following URL: Teradici Online Glossary.

About the PCoIP Standard Agent

A deployed PCoIP Standard Agent requires these components:

- **A host machine** which provides the desktop to remote clients. The host must be a virtual machine in a data center or in the cloud.
- **The PCoIP Standard Agent software** installed on the host machine.

Finding More Information

This document is designed to get you up and running quickly using the PCoIP Standard Agent for Linux, with a minimum of detail. It does not account for special cases or configuration requirements.

For complete documentation, including requirements, configuration details, architectures, and troubleshooting information, refer to the following guides:

- *Teradici PCoIP® Standard Agent 2.8 for Linux Administrators' Guide*
- *Cloud Access Software 2.8 Architecture Guide*

Linux System Requirements

	Data Center Environments	Cloud Environments
	VMware ESXi (6.0+)	**AWS EC2**
System Requirements		
Operating Systems	- Ubuntu 16.04 LTS - RHEL 7.2 or later	
Remote Host Memory	At least 2 GB of RAM is required on the host desktop. The PCoIP Standard Agent should have at least 512 MB of available memory.	
Remote Host CPUs	At least 2 CPUs are required on the host desktop. Processors must support Streaming SIMD Extensions (SSE) 4.2.	
Network Ports	The following ports must be open on the host desktop: - TCP 443 - TCP 4172 - UDP 4172 - TCP 60443	
Storage	At least 100 MB for installation and 100 MB for logging are recommended.	

Before You Begin

Before starting, ensure the following requirements are met:

- SSH is enabled.

- You must have a license registration code from Teradici.

- The following ports must be available on the host desktop:

    - TCP 443
    - TCP 60443
    - TCP 4172
    - UDP 4172

Note: Using ports 443 and 60443 in direct connections
If you will be accepting direct connections from PCoIP clients, port 443 or port 60443 must be kept open. Clients will use port 443 by default.

If port 443 is already in use by another application, you can use port 60443 as an alternate. To use port 60443, append `:60443` to the FQDN when connecting. For example, to use port 60443 with a FQDN of "my_domain", type `my_domain:60443`.

Installing the PCoIP Standard Agent on Ubuntu

To install the PCoIP Standard Agent software:

1. Install the Teradici package key (one command):

   ```
   # apt-key adv --keyserver pool.sks-keyservers.net --recv-key
   67D7ADA8
   ```

2. Add the Teradici repository (one command):

   ```
   # sudo wget -O /etc/apt/sources.list.d/pcoip.list
   https://downloads.teradici.com/ubuntu/pcoip.repo
   ```

3. Install the PCoIP Standard Agent:

   ```
   # apt update

   # apt install pcoip-agent-standard
   ```

4. Note your machine's local IP address. Clients connecting directly to the host desktop will need this number to connect.

5. Enter the license registration code you received from Teradici.

   - For unproxied internet connections, type:

     ```
     pcoip-register-host --registration-code=<XXXXXX@YYY-YYYY-YYY>
     ```

   - For proxied internet conections, type (one command):

     ```
     pcoip-register-host --registration-code=<XXXXXX@YYY-YYYY-YYY>
     --proxy-server=<serverURL> --proxy-port=<port>
     ```

6. Reboot the Linux instance.

Note: No local graphical user interface

Once installed and running, the PCoIP Standard Agent takes over the graphics subsystem which is then unavailable to hypervisors. You can only view the graphical user interface when connecting with a PCoIP client.

For example, you cannot view an ESXi virtual machine console through VSphere; you must connect to the machine using PCoIP.

Client Connection Information

For more information about PCoIP client connectivity requirements, see the following guides:

- **Software clients**: *Teradici PCoIP® Software Clients 1.11 Administrators' Guide*
- **Zero clients**: *Tera2 PCoIP Zero Client Firmware Administrators' Guide*

Connecting to the Virtual Machine

The following instructions show how to connect directly to your host desktop using the PCoIP Software Client for Windows, although the general sequence is the same using any PCoIP-compatible client.

To connect to your host desktop using a Teradici PCoIP Software Client:

1. Start the PCoIP Software Client.
2. In the *Host Address* field, enter the IP address of your virtual machine, as shown next:

Host Address:	e.g. pcoip.teradici.com	NEXT
*Connection Name:	e.g. My Work Windows 7 Machine	SAVE
	*optional: a name to identify your profile	
	☐ Connect to PCoIP Remote Workstation card	

3. Click **NEXT**.
4. Enter the user name and password you set up for your host desktop when you created it.

   The *Domain* setting can be left unchanged.
5. Click **CONNECT**.

The PCoIP client will establish a PCoIP connection to your host desktop.

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