



Connection Broker

Where Virtual Desktops Meet Real Business

Glossary

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Patents

Leostream products are patent pending.

Active Directory®: Microsoft® directory server that can be used in the Connection Broker to authenticate users, or a version of an LDAP authentication server.

Application: A Citrix® XenApp™ (Presentation Server™) application available for allocation in the Connection Broker

Assigned: Status of a desktop that is currently in use by an end user.

Available: Status of a desktop that can be assigned to a particular user. See also .

Nested pools: A configuration of desktop pools where one pool is a subset of another pool.

Center: A group of desktops or applications registered with the Connection Broker from a particular external system, for example: VMware® vCenter Server, Citrix XenServer™ or XenApp, Active Directory, or Microsoft Terminal Services Server.

Child: An Active Directory domain term for an Active Directory server that is one domain below another in a domain tree. The child inherits the domain name of its parent in a DNS hierarchical naming convention. For example:

```
child.parent.root.com
```

Client: An application or system used to access a remote desktop. The Connection Broker supports Linux® and Microsoft Windows® fat clients and a variety of thin clients, as well as Web Browsers.

Cluster: A group of Connection Brokers sharing the same external data base.

Connection Broker: The central Leostream™ software, enabling organizations to manage user access to computing resources such as virtual machines, physical machines, and Microsoft Terminal Services Servers.

Desktop: A virtual machine, physical machine, blade, or Terminal Services session available for allocation in the Connection Broker.

Domain tree: A hierarchical group of one or more domains within one root domain.

Duplicate: A desktop that is listed more than once in the > **Resources** > **Desktops** page. Duplicate desktops appear when a desktop is registered from multiple Connection Broker centers.

Failed: Status of a desktop that has failed for various reasons. Select the **HD Status** action for that desktop to determine the cause of failure.

Follow-me mode: Also called *user mode*, an assignment mode where the user is assigned the same desktop irrespective of the client they log in from.

Forest root domain: The first domain created in a forest.

Guest: A virtual machine running on a host.

Host: The physical server that runs the virtualization software.

Hosted Desktop (deprecated): A virtual machine, physical machine, or Terminal Service available for allocation in the Connection Broker.

Image: The files associated with a virtual machine. In general, an image refers to a non-running virtual machine.

Kiosk mode: Also called *user and client mode*, an assignment mode where the user is assigned a different desktop whenever they log in from different clients. Using this mode, one user account, for example *student*, can simultaneously log in from several different clients.

Leostream Agent: Provides the Connection Broker with insight into the connection status of remote users. It is an essential part of the Connection Broker product and should be installed on each desktop.

Leostream Connect: The Leostream client, which provides tight integration with the Connection Broker so that current

Windows users can access their remote desktops from their fat desktop. Users enter their Active Directory credentials into Leostream Connect and a list of authorized desktops appears for them to choose from.

Leostream GINA: When installed with the Leostream Agent, enables single sign-on from clients equipped with Teradici™ PC-over-IP® technology. When installed with Leostream Connect, enables client-side single sign-on, allowing Leostream Connect to automatically use the credentials provided for the Windows log on.

Location: A group of clients defined by client attributes such as manufacturer, device type, OS version, or IP address.

Log: A record of all the events that have occurred since the log was last cleared.

Monitor Layout: Defines the number of monitors attached to a group of clients. Applies only to Connection Broker 6.0.

Parent: One domain above another in a domain tree.

Pausing/Paused Status of a desktop that is halted and the image held in memory.

PCoIP: Shorthand for the Teradici PC-over-IP technology.

Policy: Determine which desktops and applications users have access to, as well as set the remote viewer configuration, USB passthrough permissions, and power control options for desktop.

Pool: A collection of desktops or applications.

Provisioning Template: A template, created in VMware vCenter Server that can be used to provision new virtual machines.

Rebooting: Status of a desktop that is stopping and then restarting.

Resources: Desktops and applications available for assignment to a user.

Resuming: Status of a desktop that is restarting after being suspended.

Reverting: Status of a desktop that is returning to a pre-snapshot state.

Rogue User: A user that has logged into a desktop without going through the Connection Broker. An existing Connection Broker user can become rogue if they logged into a desktop via the Connection Broker, and that desktop is then released to the pool prior to the user logging out.

Roles: Determine how much of the Connection Broker functionality a user can see and use. All Connection Broker Users are assigned a role.

Routing: Network configuration where the user's computer is on one subnet, for example 192.168.2.151, and the corporate network is on another subnet, for example 172.29.229.xxx, with a server at 172.29.229.151.

Running: Status of a desktop that is powered on and has a running operating system.

Single sign-on: Require the user to enter their credentials only once when logging into the Connection Broker. Without single sign-on, users are asked for their credentials when logging into the Connection Broker, and again when logging into their desktop.

Smart card: A pocket-sized card with embedded integrated circuits used to authenticate a user for logging into a desktop.

Starting: Status of a desktop that is powered on and the operating system, if present, is booting.

Stop: To shut down a desktop.

Stopping/Stopped: The virtualization software has been sent a command to shutdown a running virtual machine. The virtualization software, in turn, first tries to send the running OS a shutdown command. Then, when the OS is shut down, the virtualization software turns off the virtual machine itself. If this fails, it does a hard shut down and simply turns off the

virtual machine. During this sequence, the Connection Broker shows the status as stopping. The status changes to Stopped when the virtual machine is turned off.

Suspending/Suspended: To place a virtual machine in a standby state. A virtual machine that has been suspended has all its memory content written to disk, so that it can be stored and moved as a series of disk images. A virtual machine can be revived by writing the memory contents back to memory and restarting the process where it left off.

Tag: Administrator defined identifiers that can be assigned to a particular desktop in order to make it a member of a particular pool. Up to four tags are allowed per desktop. Tags are arranged into groups. Multiple tags from the same group can be assigned to a single desktop.

Tree root: The first domain created in a tree.

Unavailable: Status of a desktop that is unavailable for assignment to a user, for example, because it is already assigned to another user.

Uncategorized Desktops: Desktops that are running a Leostream Windows Agent but have not been manually associated with another Center. Also, desktops that are manually imported into the Connection Broker using their IP address.

Virtual Machine: A self contained virtual computer running with the help of virtualization software.

Windows machine name: A human readable identifier for each Windows machine within a system. If the name is not unique, there will be warning messages generated on the duplicated servers and they will not be able to participate with other Windows servers in that Windows Domain.