



# leostream

Remote Desktop Access Platform

Business Guide

**aws** + leostream

**Proof-of-Concept Architecture**

Quick Start Guide

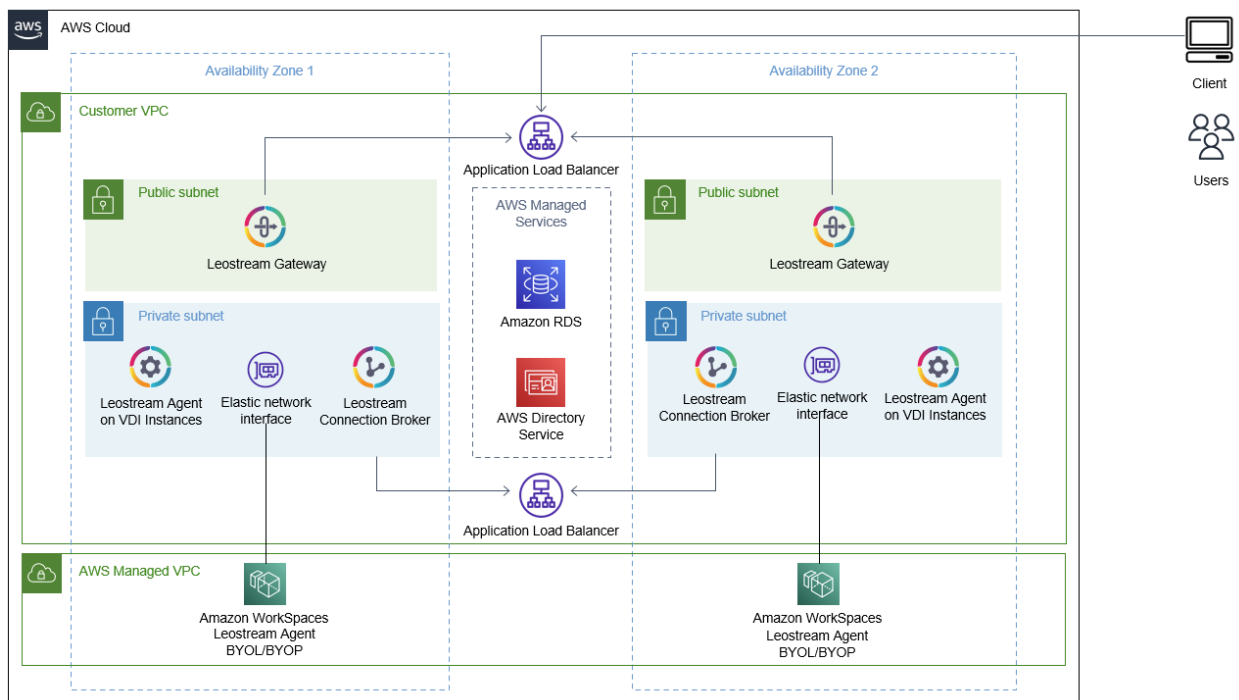


The Leostream Platform simplifies the extension of on-premises VDI environments into the cloud using Amazon WorkSpaces Core. By serving as a single portal for provisioning, assigning, monitoring, and connecting to desktops across hybrid environments, Leostream makes IT management more straightforward and enhances the end-user experience.

Amazon WorkSpaces Core is a managed virtual desktop infrastructure that integrates with third-party management solutions like Leostream. As part of the Amazon WorkSpaces Family services, Amazon WorkSpaces Core shares the same infrastructure stack, offering customers and partners flexibility and choice while maintaining the security, global reliability, and cost efficiency of Amazon WorkSpaces.

To utilize Amazon WorkSpaces Core, users must enable the Bring-Your-Own-License (BYOL) and Bring-Your-Own-Protocol (BYOP) features in their AWS account. BYOP must also be enabled in the account, which can be done with the assistance of the AWS account team.

In this quick-start example, you will be able to build a solution similar to that shown in the figure below.



The following procedure details how to build a proof-of-concept architecture with a single Leostream Connection Broker and Leostream Gateway. Follow the links provided in the procedure for complete details.

- In the AWS VPC console, create a [VPC for Amazon WorkSpaces](#).
- In the AWS Directory Services console, create an AWS Directory Service for deploying your WorkSpaces in this VPC, for example, this Quick Start uses a [Simple AD directory](#). Note the Directory ID for this Directory Service.
- In the Amazon WorkSpaces console, register this [Directory Service](#) with your Amazon WorkSpaces.
- Also in the Amazon WorkSpaces console, configure the Security Group for WorkSpaces in this Directory Service to allow communication between your Connection Broker and Leostream Agents installed on your WorkSpaces instances, as well as to support your chosen display protocol (see [Setting up Security Groups](#) and [Configuring the Directory Services Security Group](#) in the Leostream Quick Start Guide).
- In the AWS IAM console, [create an IAM](#) user with permission to manage Amazon WorkSpaces (see [Required AWS Permissions](#) described in the Leostream Quick Start Guide).
- Using the AWS EC2 console, install your Leostream Connection Broker and Leostream Gateway in your VPC (see [Chapter 3: Installing Leostream in AWS EC2](#) in the Leostream Quick Start Guide).
- Create a custom bundle to use for provisioning WorkSpaces in Leostream (see [Chapter 4: Preparing WorkSpaces Core Images](#) in the Leostream Quick Start Guide).
- In your Leostream Connection Broker Administrator web interface, connect Leostream to your AWS Directory Services and Amazon WorkSpaces account (see [Chapter 5: Integrating with Your AWS Infrastructure](#) in the Leostream Quick Start Guide).
- Use your Leostream Connection Broker Administrator web interface to launch new Amazon WorkSpaces Core instances (see [Chapter 6: Launching new Amazon WorkSpaces](#) in the Leostream Quick Start Guide).
- Configure Leostream to offer and connect users to WorkSpaces using the Leostream Gateway HTML5 RDP viewer (see [Chapter 7: Connecting Users to WorkSpaces](#) in the Leostream Quick Start Guide).

Users can easily access their Amazon WorkSpaces instance through the Leostream Web Client Login from any location using a web browser.

It's essential to delete all AWS objects once you've completed your proof-of-concept (PoC) to avoid incurring additional cloud costs. This involves terminating your AWS WorkSpaces Core instances (which can be done within Leostream), deleting your Leostream Connection Broker and Leostream Gateway EC2 instances, removing your AWS Directory Services directory, and cleaning up any other items you created during the PoC to maintain the organization of your AWS account.

For more information or assistance with your PoC,  
reach out to us at [support@leostream.com](mailto:support@leostream.com).

## Say Goodbye to Complex Hybrid Cloud Environments

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