

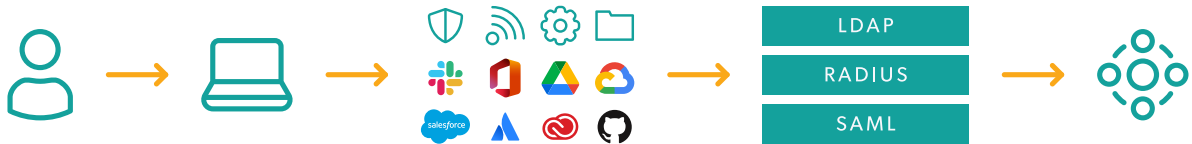


Guide

Implementation Guide Insights

Get to Know JumpCloud

JumpCloud is a comprehensive and flexible cloud directory platform. From one pane of glass, manage user identities and resource access, secure macOS, Windows, and Linux devices, and get a full view of your environment.



As you implement JumpCloud into your organization it is important to understand the best practices related to getting your existing users onboarded, enrolling devices while taking over existing user accounts, integrating with existing IT tools, and enabling user access to all their resources. Implementing resources in piecemeal fashion without a cohesive plan could result in wasted time and a poor user experience. For example, users who come from a preexisting directory (e.g., Active Directory/Azure AD) or an MDM will have a different implementation pathway than organizations implementing a directory platform solution for the first time. Be sure to take advantage of the following resources to streamline your implementation.

Sign up for an account in JumpCloud University!

Check out this [easy-to-follow infographic](#) for the steps to register for a free account.

JCU gives you access to many resources including interactive courses, short tutorial videos, hands-on practice with guided simulations, and help from our experts. Plus, your progress is saved and tracked as you go.

This quick 30-minute course is a great introduction to JumpCloud and is designed to help familiarize you with JumpCloud University.

 [What is JumpCloud?](#)

Become certified through JCU!

Why [get certified](#):

- Feel more confident in your ability to use the JumpCloud platform.
- Be the go-to JumpCloud admin for your IT org.
- Showcase your skills by displaying your certification badge on your professional profiles.

Phase 8: Insights

JumpCloud Directory Insights AWS Serverless Application

The [AWS Serverless Application](#) automatically provisions all of the resources required to export JumpCloud Directory Insights data into an AWS S3 bucket.

After you install and deploy the application, it:

- Creates a role to access and operate the pieces required to export data to AWS.
- Creates an S3 bucket to store your data in.
- Places your JumpCloud API keys in AWS Secrets Manager.
- Creates the lambda function that ties everything together.

After everything is created, the application waits until your specified time increment passes and then gathers the JumpCloud Directory Insights data from the specified time period, puts it in a zipped JSON file, and sends it to the S3 bucket for storage. The application goes through this process until the CloudFormation template is deleted or the CloudWatch event that triggers the lambda function is disabled.

If an entire increment goes by without any Directory Insights data, a data point is placed in a CloudWatch metric in the JumpCloudDirectoryInsights namespace. This namespace isn't created if you don't experience increments without events.

Installing the Application

You can install the Directory Insights serverless application from the [AWS Serverless Application Repository](#). You can also manually install the application from [GitHub](#).

You need to provide the following when you install the Directory Insights serverless application:

- **Application name:** Many of the AWS resources this application generates for you base the name off the application name you provide.
- **Increment amount and increment type:** These parameters specify the cadence at which Directory Insights data is exported.
- **JumpCloud API key:** Your API key is safely stored in the AWS Secrets Manager.

Check out this course to learn more about Directory Insights:

