



Guide

Advanced Certification Study Guide

Is this certification for me?

The Advanced certification is meant for administrators who:

- Want to advance their knowledge and skill set within the JumpCloud platform.
- Want to deal with more complex implementations and deployments.
- Are actively managing JumpCloud for their organization and need to handle troubleshooting cloud directory integrations, like Google Workspace, M365, and a variety of HRIS directories.
- Need to manage multiple Operating Systems, leverage SSO/SAML, LDAP & RADIUS instances.
- Want to create and manage custom policies for their devices.
- Require advanced knowledge of the JumpCloud APIs, using both PowerShell & Postman to manage and augment their current security, auditing, and compliance processes.
- Use JumpCloud confidently and wish to proceed to Expert level certification.

The goal of the Advanced certification is to level up your knowledge, skills, and practical application of the JumpCloud open directory platform. The courses are free to access and completing the learning path and taking the assessment allows you to showcase your knowledge. This certification focuses on advanced knowledge required for more complex implementations, configurations, security, auditing & compliance skills, as well as some troubleshooting.

Depending upon your level of experience with the JumpCloud open directory platform, we recommend taking the Advanced certification if you have 12 months' or more experience in JumpCloud. Passing the Core certification is NOT a prerequisite for taking the Advanced certification exam.

What topics do I need to know?

In order to be Advanced certified, you must understand the depth of the JumpCloud platform, and be able to implement and troubleshoot complex scenarios. For each topic, the Advanced certification assessment covers the platform's extensive features and functionality and how to configure and troubleshoot specific issues.

The Advanced certification learning path (which is free) covers troubleshooting scenarios, as well as advanced implementations and configurations.

Topic Checklist

You will find the following topics in the Advanced certification assessment. We recommend studying these topics and completing the Advanced certification learning path in JumpCloud University to fully prepare before attempting the assessment.

Security & Compliance

Secure user identities and set up MFA.

Leverage both Directory and System Insights to monitor your fleet of systems for compliance and auditing.

JumpCloud APIs

Leverage APIs to perform queries, filter and parse data for managing users and systems, and gather compliance and auditing data.

Troubleshooting Google Workspace, M365 & HRIS Directory Integrations

Learn how to troubleshoot Microsoft 365, Google Workspace, and HRIS Directories.

Devices

Manage Apple devices with JumpCloud.

Manage automated device enrollment and apply policies.

Patch policies and software updates.

Policies

Understand the basics of custom policies and apply them to your macOS, Windows, and Linux devices.

Commands

Dive into JumpCloud's PowerShell module and leverage cmdlets for gathering, filtering, and parsing data, as well as managing users and systems from your JumpCloud org.

RADIUS

Learn how to set up Cert-Based Auth (passwordless/password authentication) using JumpCloud's RADIUS-as-a-Service and dive into troubleshooting topics.

LDAP

Leverage OpenLDAP with JumpCloud and learn about configuring, authentication, and specific use cases.

SSO/ SAML

Understand the nuances of SSO integration with JumpCloud and learn about the differences between SSO and MFA, their specific use cases, and how to leverage each of them.

How should I study?

JumpCloud University

JumpCloud University offers courses specifically designed to prepare you for the Advanced Certification Assessment. We recommend taking these interactive self-paced courses as a way to level-up your knowledge and/or to confirm your existing expertise before attempting the assessment.

Within these courses, you'll discover best practices provided by JumpCloud experts to assist you to optimize the use of JumpCloud, test your knowledge with pop quizzes that provide instant feedback on your learning, engage with guided sims and tutorials that demonstrate product features, as well as steps for configuration.

You have three attempts to pass the Advanced certification assessment. The following courses are designed to help you prepare:

- [Intro to System Insights](#)
- [Advanced System Insights](#)
- [Advanced Directory Insights](#)
- [Intro to JumpCloud APIs](#)
- [Troubleshooting M365 Directory Integrations](#)
- [Troubleshooting Google Workspace Directory Integrations](#)
- [Advanced MDM for Apple](#)
- [Advanced Custom Policies](#)
- [Intro to PowerShell](#)
- [Leveraging the JumpCloud PowerShell Module](#)
- [Advanced PowerShell](#)
- [Advanced RADIUS](#)
- [Advanced LDAP](#)
- [Advanced SSO](#)

The Advanced certification learning path will take approximately 14-15 hours to complete, depending upon your personal level of experience in JumpCloud and reading speed. You are not required to run through all the courses in the learning path, but we highly recommend doing so.

JumpCloud Free Account

Practical experience is one of the most valuable ways to learn about JumpCloud's platform. If you use JumpCloud regularly, you will have already encountered many topics included in the Advanced Certification Assessment. If you don't have a JumpCloud account, we recommend [creating a free account](#) to get hands-on experience with the features you'll encounter on the Advanced Certification Assessment.

What can I expect from the assessment?

Before

JumpCloud certification assessments are administered via Brillium, a third party platform which is accessible directly in JumpCloud University. In order to access the assessment, you'll need a JumpCloud admin account (either free or paid) to log into JumpCloud University. You'll use the same credentials you're using to access your JumpCloud Admin account. All educational content is free, only the assessments have a nominal fee associated with registration for the exam.

Note: please use your JumpCloud Admin account administrator email address for all certification assessments.

First, you will see the assessment agreement for [JumpCloud's certification agreement](#). Read the terms and conditions carefully before continuing. There is no tolerance for cheating or distributing of assessment content. Your certification may be revoked under these circumstances.

You'll access the assessment within JumpCloud University either from the learning path, or directly from our [certifications page](#).

We recommend using your JumpCloud admin email address to easily track your certification progress with JumpCloud, especially if you plan to continue to other certifications within JumpCloud University in the future. Once you've earned your certification you can access it any time within JumpCloud University from **My Account (from your name at top right-hand corner of JCU home page) > Certificates**. If for any reason you're having issues accessing your certificate or badge please reach out to the JCU team at: university@jumpcloud.com.

Note: Certifications do have an expiration date: 2 years for Core Certification and 3 years for Advanced Certification. You'll be notified prior to your certificate expiration date via email from JumpCloud University, and you'll have an opportunity to enroll in a renewal course that will cover any new product enhancements that have occurred since you were last certified. A certification renewal course will be available in 2025.

Be aware, the assessment is timed: you have 90 minutes to complete the assessment. Your time will commence upon launching the first question in the assessment.

There are a variety of question types in this assessment, including:

- Multiple choice, multi-select
- Multiple choice, single-select
- True/false
- Ordering
- Matching

During

A couple things to keep in mind during the assessment:

- Set aside a quiet space to take the assessment uninterrupted.
- Prepare to spend 90 minutes at your desk. You may want to silence your phone and any notifications during this time.
- You may mark questions for review and come back to them later during the assessment.
- You may skip or go back to change your answers for any questions up until you've submitted your assessment.
- Do not cheat or share the assessment content or materials with anyone.

After

Once you've answered as many questions as possible, you can submit your assessment. If you complete all questions before the time limit, you will select to finish the assessment.

Immediately after submitting your assessment, you will see a summary of your assessment, including your:

- Contact information
- Completion time
- Overall score
- Pass/fail status
- Score by topic
- Option to review incorrect answers
- Option to download your JumpCloud Core certificate (if passed)
- Instructions about next steps

After reviewing your assessment summary, you may close the browser or click to visit JumpCloud University. You will receive all summary information from your assessment via email for your records.

Next Steps

The passing score for JumpCloud's Advanced Certification Assessment is 70% or higher.

If you pass, you'll be able to access your certification badge within the course's next lesson. Your certificate will automatically be awarded to you in JCU accessible from **My Account (from your name at top right-hand corner of JCU home page) > Certificates**. Share your new certification badge on your social media profiles to showcase your newly earned expertise!

If you do not pass, you may retake the assessment up to 2 additional times (total of 3 attempts). You may not take the assessment more than once in a 24 hour period. If you need special assistance, please contact us at university@jumpcloud.com.

To learn more about our other certifications, visit our [certifications page](#).

[Register Here](#)