

# CloudHealth

by **vmware**<sup>®</sup>

## Certification Exam Guide

CloudHealth Platform Administrator - Associate



This exam guide describes the purpose, target audience, objectives, administration, and recommended preparation for the successful completion of the CloudHealth Platform Administrator – Associate certification exam. It will help you determine if this is the appropriate exam for your role.

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## CloudHealth by VMware Certification Overview

CloudHealth by VMware certifications ensure that partners, customers, and employees have both a broad and deep understanding of the CloudHealth platform to optimize cloud infrastructures. This creates a baseline measurement of an individual's skill level, ensuring more consistent use of the platform that leverages best practices. The certification preparation process provides an opportunity to expand your expertise on the platform.

- Certification provides a tangible validation of your skills and a competitive advantage for your organization in the marketplace.

### Badging and Credentials

Upon successful completion of the exam, you will receive a certificate of completion and corresponding badging. The credentials are good for two years from the date of completion.

## CloudHealth Platform Administrator Certified Associate Exam

**Target Audience:** Experienced CloudHealth platform administrators (those with at least 3 months of practical platform experience) who can apply their knowledge and skills to: configure accounts, administer users and FlexOrgs, set up and use Perspectives, review and customize reports, create policies, perform rightsizing, analyze use of Reserved Instances/Savings Plans, and basic troubleshooting.

**Prerequisite exams:** None. This is the first level exam.

**Duration:** 75 minutes

**Questions:** 50 multiple choice questions (single and multiple answer). Note: A small number of additional unscored questions may appear on the exam; they are used to determine question performance and have no impact on exam results.

**References:** No hard copy, online, or other materials may be referenced during the exam. Students will not have access to the product or the product documentation during the exam.

**Select a cloud option:** The exam is available for AWS and Azure. Choose the cloud most relevant to you or take both exams if desired.

## Exam Objectives

To successfully complete this exam, you should be able to:

- Administration (20%)
  - Create and manage FlexOrgs including Role Documents, User Groups, and Organizational Units.
  - Gather data and billing information (e.g., enable integrations, enable SSO, configure accounts and/or Service Principal and Enterprise Agreement) including Reservations.
  - Determine the difference in configuration for Standalone, Consolidated, and Linked accounts and their account statuses.
  - Configure and manage 3rd party integrations (e.g., New Relic, Datadog, Chef).
  - Differentiate between agent and agentless metrics.
  - Configure container clusters in the CloudHealth platform and set up/modify container reports.
  - Understand the types of APIs available and what they are used for.
- Reports and dashboards (20%)
  - Differentiate between the available reports and dashboards (e.g., InterActive Reports, FlexReports), manage reports and budgets (e.g., filter, customize, categorize, save, subscribe/unsubscribe, pin/unpin, download), change the dashboard/change the default dashboard.
  - Find and analyze information about cost, usage, performance, and security of your infrastructure.
  - Determine data sources and ranges in reports.
  - Describe the concepts of Cost Reallocation and Custom Line Items.
- Perspectives Management (20%)
  - Build and manage Perspectives including selecting an asset type, choosing a discovery method, merging/cleaning groups, creating Static vs. Dynamic groups, and reducing Assets Not Allocated.
- Optimization (20%)
  - Determine appropriate sizing, while ensuring necessary performance.
  - Analyze use of Reservations and Savings Plans and identify savings opportunities.
  - Create an RI quote or determine Savings Plan purchasing options.
  - Optimize non-compute services (e.g., EBS Volumes/Disks, untagged SQL services, disassociated elastic IPs, etc.).
  - Identify security risks.
- Governance and Automation (20%)
  - Automations (e.g., enable automations, create an action flow).
  - Create policies that meet various business scenarios. This includes those that trigger alerts and those that have authorization/ approvers to perform actions.
  - Exclude resources from policy actions.
  - Identify missing tags and determine a tagging strategy for your business.

## Exam Preparation

CloudHealth Technologies recommends that you review the [CloudHealth Help Center](#) topics and take the [CloudHealth Academy](#) courses related to the exam objectives:

### On-Demand Videos:

- Initial Setup – [Account Configuration](#), [Organizations and Roles](#)
- Get Started – [Platform Overview](#), [Perspectives Management](#)
- Report and Analyze – [Cost and Usage Reports](#), [Budgets](#), [Cost Reallocation](#)
- Manage your cloud – [Governance, Policies, and Automation](#), [Performance and Rightsizing](#), [RI Management](#), [Security](#)
- Containers – [ECS Configuration](#), [Kubernetes Configuration](#), [Container Reporting](#)
- E-Learnings – [Intro to the CloudHealth Platform \(AWS\)](#), [Intro to the CloudHealth Platform \(Azure\)](#), [Intro to Perspectives](#)

### Role Based Learning\*

We recommend taking the [Platform Administrator Role Based Learning](#) path to prepare for this certification Exam.

*\*Requires Customer Success Services to enroll. Additional charges may apply.*

We **strongly** recommend you have at least three months of experience working in the CloudHealth platform gaining practical experience for the tasks outlined in the above exam objectives.

## Example Questions

The screenshot shows the AWS CloudWatch console for an EC2 Utilization policy. The policy is enabled and evaluates EC2 Instance resources every day at 6:00 AM EST. It consists of two rules, Rule 1 and Rule 2, which are evaluated in an OR configuration.

**Rule 1:** Flag: Critical. Condition: Any resource's Average CPU % is less than 20 percent for at least 1 month. Action: Email cpualert@company.com.

**Rule 2:** Flag: Critical. Condition: Any resource's Average CPU % is less than 5 percent for at least 1 month. Action: Stop Amazon EC2 Instances | Automatic.

Instance1 has 28% average CPU for the past month. What action(s) would be taken according to this policy?

- A. An email will be sent to [cpualert@company.com](mailto:cpualert@company.com)
- B. The instance will be stopped
- C. An email will be sent to [cpualert@company.com](mailto:cpualert@company.com) and the instance will be stopped
- D. No action will be taken

Which items can be pulled into a Custom Dashboard? (Select 2)

- E. InterActive Reports
- F. Pulse Reports
- G. A summary Rack
- H. Recommendations

## Certification Administration and Guidelines

### Enrollment and Confirmation

Attend all recommended training. Review documentation and self-paced videos in the CloudHealth Help Center. Practice on the platform.

Schedule the Virtual Proctoring Session with PearsonVue

### Exam Policies

To maintain the integrity of the exam, exam candidates agree to abide by the exam policies. Exams must be taken within a proctored setting. Candidates may not access the exam before or after time completes. You will be asked to acknowledge the following exam agreement when taking the exam.

**By acknowledging that you have read this Agreement, you are indicating that you agree to the terms and conditions set forth by the following Agreement:**

- I understand that the contents of this exam are the property of CloudHealth by VMware, and its contents are copyrighted under the laws of the United States.
- I understand that revealing the contents of the questions of this exam is strictly prohibited. I may not copy, reproduce, distribute, or disclose the content of this exam in any form in whole or in part to any other person or entity.
- I understand that using any prohibited aids in connection with the exam, attempting to give or receive assistance, or otherwise communicate in any form with another person or entity about the exam during the exam administration is strictly prohibited.
- I have read, understand, and agree that my exam may not be scored, the exam fee may be forfeited, and I may be barred from taking future exams date if CloudHealth by VMware has reason to believe that I have failed to follow the terms of this agreement, I am involved in exam misconduct or any other testing irregularity that could compromise the integrity of the exam.

I understand that if I do not agree to these terms and conditions, I will not be permitted to take the exam.

### Exam Results

You will receive exam results (pass/fail) within 24 hours of taking the exam. You will not receive results for specific questions on the exam, nor will you be able to review any exam content. However, students will be given a scorecard based on each section of the exam.

Example:

Category	Percentage
Admin AWS	100%
Governance AWS	80%
Optimization AWS	70%
Perspectives AWS	70%
Reporting AWS	100%



If you do not pass the exam, you must wait 7 days prior to making a new exam attempt. After two failed attempts, you must attend additional training sessions prior to rescheduling the exam.

If you pass an exam, you will not be given access to it again.

### Changes to the Program

To maintain the validity, accuracy, and effective administration of the certification program, CloudHealth by VMware reserves to make changes to the certification program. In these cases, those certified will be notified.