

Getting Started with VMware Discovery

VMware Discovery services



vmware®

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<https://docs.vmware.com/>

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Getting Started with VMware Discovery

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VMware Cloud provides several services, including VMware Discovery, VMware Cost Insight, and VMware Network Insight. Cloud, network, and security administrators can use these services to view usage details across all their clouds, both public and private. This document introduces you to the VMware Discovery service.

The VMware Discovery service is used to "discover" resources associated with public and private cloud accounts. These resources can include virtual machines, hard disks, storage units, CPU usage, billing, and other information. You can add and discover resources for public cloud accounts in VMware Discovery, such as Amazon Web Services (AWS) and Microsoft Azure. You can also add and discover resources for private cloud accounts, such as a vCenter Server.

VMware Discovery provides sophisticated filtering, which allows you to display resources in specific ways. You can also save these filtered outputs as groups. Once a group has been created, you can display the group to see the resources and information that is most relevant to you. For a cloud administrator who manages hundreds of virtual machines, hardware, and capacity, this is a useful set of tools.

The screenshot displays the VMware Discovery Summary dashboard. The interface includes a left-hand navigation menu with options for Summary, Resources, Resource Groups, and Cloud Accounts. The main content area is titled "Discovery Summary" and features a "VIEW ALL RESOURCES" link. The dashboard is divided into four columns:

- Amazon Web Services:** Lists 456 Compute (AWS EC2 Instances), 1645 Storage (EBS Volumes and 95 S3 Buckets), and 571 Network (248 VPCs, 377 Network Interfaces, and 571 Subnets) resources.
- Microsoft Azure:** Lists 5 Compute (Virtual Machines), 0 Storage (Virtual Hard Disks), and 3 Network (3 Virtual Networks, 5 Network Interfaces, and 3 Subnets) resources.
- vCenter:** Lists 3269 Compute (Virtual Machines) resources.
- Resource Groups:** Shows 12 Total Groups with a "CREATE GROUP" button.
- Cloud Accounts:** Shows 13 Amazon Web Services and 2 Microsoft Azure accounts with an "ADD CLOUD ACCOUNT" button.

Each resource column includes a "VIEW [CLOUD] RESOURCES" link at the bottom. The top right corner of the dashboard indicates the user is "Vishal Singh" from "Foundation Eng Org" and that the data was "Last Updated 09 August 2017 2:59PM".

Sign Up for VMware Discovery

When you sign up for access to a VMware Cloud service, or when someone invites you to join a service, you receive an email invitation containing a link that you use to sign up.

You sign up for VMware Cloud services with your VMware ID. If you do not have a My VMware account, you create one as you sign up.

Procedure

- 1 Click the link in your invitation mail.
- 2 Sign up for VMware Cloud:
 - a If you have a VMware ID, follow the steps to sign up to VMware Cloud with your VMware ID credentials.
 - b If you do not have a VMware ID, follow the steps to create your My VMware account, and sign up to VMware Cloud.
- 3 Log in to VMware Cloud with your VMware ID. If you are not redirected to the VMware Discovery page, go to <https://www.mgmt.cloud.vmware.com/>.

What to do next

To get started with VMware Discovery, follow these general steps:

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- Use the checklist to gather the information you need to onboard VMware Discovery.
-
- Carry out VMware Discovery specific tasks. For more information, refer to *Using VMware Discovery*.
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- Sign up for additional VMware Cloud services, such as VMware Cost Insight and VMware Network Insight using your VMware ID.
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- Invite users to your organizations. See how to manage users and more in *Using VMware Cloud*.
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Getting Started Checklist for VMware Discovery

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Before you start working in VMware Discovery you need to download data collectors and have certain information about your public and private cloud accounts available. Use this checklist to help you get set up before your on-boarding call with the VMware Cloud services team.

Table 3-1. Before You Onboard with VMware Discovery

To...	You need...
<input checked="" type="checkbox"/> Sign up for and log in to VMware Discovery	A VMware ID. Set up a My VMware account with your corporate email address at https://my.vmware.com/web/vmware/login .
<input checked="" type="checkbox"/> Connect to VMware Cloud Services	HTTPS port 443 open to outgoing traffic with access through the firewall to: <ul style="list-style-type: none">▪ *.vmwareidentity.com▪ gaz.csp-vidm-prod.com▪ *.vmware.com
<input checked="" type="checkbox"/> Add an AWS public cloud account	<ul style="list-style-type: none">▪ 20-digit Access Key ID and corresponding Secret Access Key.▪ Amazon S3 bucket that is identified with the master account.▪ Appropriate user permissions:<ul style="list-style-type: none">▪ AmazonEC2ReadOnlyAccess permission for master account, linked account and individual account users.▪ AmazonS3ReadOnlyAccess permission for master account and individual account owners.
<input checked="" type="checkbox"/> Add a Microsoft Azure public cloud account	To add an individual Azure public cloud account: <ul style="list-style-type: none">▪ Subscription ID - Allows you access to your Azure subscriptions.▪ Client Application ID - Provides access to Microsoft Active Directory in your Azure individual account.▪ Client Application Secret Key - The unique secret key generated to pair with your Client Application ID.▪ Tenant ID - The authorization endpoint for the Active Directory applications you create in your Azure account.
<input checked="" type="checkbox"/> Add a VMware vSphere private cloud account	<ul style="list-style-type: none">▪ The Cost Insight data collector OVA file which you can download from https://s3-us-west-1.amazonaws.com/vrealize-data-collector/VMware-Cloud-Services-Data-Collector.ova (675 MB). You'll install the data collector during your on-boarding meeting.▪ vCenter Server credentials.▪ Access to install a data collector in the vCenter Server.