

Quickstart using a Windows VM

This page explains how to create a Windows virtual machine instance in Compute Engine using the Google Cloud Console.

Before you begin

1. [Sign in](https://accounts.google.com/Login) (https://accounts.google.com/Login) to your Google Account.

If you don't already have one, [sign up for a new account](https://accounts.google.com/SignUp) (https://accounts.google.com/SignUp).

2. In the Cloud Console, on the project selector page, select or create a Cloud project.

★ **Note:** If you don't plan to keep the resources that you create in this procedure, create a project instead of selecting an existing project. After you finish these steps, you can delete the project, removing all resources associated with the project.

[Go to the project selector page](https://console.cloud.google.com/projectselector2/home/dashboard) (https://console.cloud.google.com/projectselector2/home/dashboard)

3. Make sure that billing is enabled for your Google Cloud project. [Learn how to confirm billing is enabled for your project](#) (/billing/docs/how-to/modify-project).

4. Enable the Compute Engine API.

[Enable the API](https://console.cloud.google.com/apis/api/compute.googleapis.com/overview) (https://console.cloud.google.com/apis/api/compute.googleapis.com/overview)

5. If you aren't using Windows on your local machine, install a third-party RDP client such as [Chrome RDP](#) (https://chrome.google.com/webstore/detail/chrome-rdp/cbkkbcmdlboombapidmoeolnmdacpkch) by FusionLabs.

Create a virtual machine instance

1. In the Cloud Console, go to the **VM Instances** page.

[Go to the VM Instances page](https://console.cloud.google.com/compute/instances) (https://console.cloud.google.com/compute/instances)

2. Click **Create instance**.
3. In the **Boot disk** section, click **Change** to begin configuring your boot disk.
4. On the **Public images** tab, choose **Windows Server 2012 R2 Datacenter**.
5. Click **Select**.
6. In the **Firewall** section, select **Allow HTTP traffic**.
7. Click **Create** to create the instance.

← Create an instance

Name ?


Zone ?

Machine type

1 vCPU 3.75 GB memory [Customize](#)

[Upgrade your account](#) to create instances with up to 32 cores

Boot disk ?

 New 50 GB SSD persistent disk
Image
Windows Server 2012 R2 Datacenter E... [Change](#)

Firewall ?

Add tags and firewall rules to allow specific network traffic from the Internet

Allow HTTP traffic

Allow HTTPS traffic

Project access

Allow API access to all Google Cloud services in the same project. [Learn more](#)

[Management, disk, networking, access & security options](#)

Your Free Trial credits, if available, will be used for this instance.

[Create](#) [Cancel](#)

Allow a short time for the instance to start. After the instance is ready, it is listed on the **VM instances** page with a green status icon.

Connect to your instance

1. In the Google Cloud Console, go to the **VM instances** page.

[Go to the VM instances page](https://console.cloud.google.com/compute/instances) (https://console.cloud.google.com/compute/instances)

2. Under the **Name** column, click the name of your virtual machine instance.
3. Under the **Remote access** section, click **Set Windows password**.
4. Specify a username, then click **Set** to generate a new password for this Windows instance. Save the username and password so you can log into the instance.
5. Connect to your instance using your choice of [graphical](/compute/docs/instances/connecting-to-instance#windows_gui) (/compute/docs/instances/connecting-to-instance#windows_gui) or [command line](/compute/docs/instances/connecting-to-instance#windows_cli) (/compute/docs/instances/connecting-to-instance#windows_cli) tools.

Clean up

To avoid incurring charges to your Google Cloud account for the resources used in this quickstart, follow these steps.

1. In the Google Cloud Console, go to the **VM instances** page.

[Go to the VM Instances page](https://console.cloud.google.com/compute/instances) (https://console.cloud.google.com/compute/instances)

2. Click the name of the instance you created.
3. At the top of the instance's details page, click **Delete**.

What's next

- [Set up a basic web server](/compute/docs/tutorials/basic-webserver-iis) (/compute/docs/tutorials/basic-webserver-iis) on your new instance.
- [Deploy an ASP.NET app](/compute/docs/tutorials/deploy-aspnet-app) (/compute/docs/tutorials/deploy-aspnet-app) to your VM instance.
- Learn how to [create and manage Windows instances](/compute/docs/instances/windows/creating-managing-windows-instances) (/compute/docs/instances/windows/creating-managing-windows-instances) using the **gcloud** command-line tool and API.
- [Set up Active Directory](/compute/docs/tutorials/setup-active-directory) (/compute/docs/tutorials/setup-active-directory) on Compute Engine.

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