

# Using **Global IDs** in **AWS Marketplace**

A few simple steps to get started



Global IDs



awsmarketplace

# Before you begin

## Understand the concepts



### [Architecture](#)

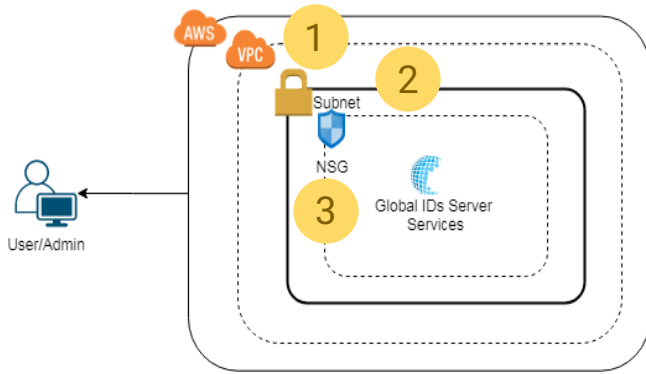
Understand the deployment architecture



### [Licenses](#)

Understand concepts like licenses and entitlements. Get to know the types of licenses available and the functionality you are entitled to try out.

# Understanding the Deployment Architecture



- 1 VPC:** A virtual private cloud is a virtual network dedicated to your AWS account. It is logically isolated from other virtual networks in the AWS Cloud. You can launch your AWS resources, like Amazon EC2 instances, into your VPC. You can specify an IP address range for the VPC, add subnets and associate security groups.
- 2 Subnet:** A subnet is a range of IP addresses in your VPC. You can launch AWS resources into a specified subnet. You can use a public subnet for resources that must be connected to the internet, and a private subnet for resources that will not be connected to the internet.
- 3 Security Group:** A security group acts as a virtual firewall for your instance to control inbound and outbound traffic. To protect the AWS resources in each subnet, you can use multiple layers of security, including security groups.

Read more about [VPC](#), [Subnet](#) and [Security Group](#).

# About Licenses and Entitlements

License Type	Evaluation	Enterprise
Duration	30 days	30+ days
Prerequisites	Subscription in AWS Marketplace with the ability to launch an instance	<ul style="list-style-type: none"><li>• A valid license for the product</li><li>• Subscription in AWS Marketplace with the ability to launch an instance</li></ul>
Functionality Provided	<b>Data Transparency Use Case</b> <ul style="list-style-type: none"><li>✓ <b>Discovery</b> – Onboard business glossary/data model/ontology. Scan your databases</li><li>✓ <b>Profiling</b> - Perform advanced statistical analysis on data</li><li>✓ <b>Classification</b> - Create domains from ingested glossary terms. Curate and classify your data ecosystem</li><li>✓ <b>Mapping</b> - Link business metadata to tables</li></ul>	<b>Data Transparency Use Case</b> <ul style="list-style-type: none"><li>✓ <b>Discovery</b> – Onboard business glossary/data model/ontology. Scan your databases</li><li>✓ <b>Profiling</b> - Perform advanced statistical analysis on data</li><li>✓ <b>Classification</b> - Create domains from ingested glossary terms. Curate and classify your data ecosystem</li><li>✓ <b>Mapping</b> - Link business metadata to tables</li></ul> <p style="text-align: center;">+</p> <p>other software layers as per your requirement</p>

# Steps to follow

## Steps to configure and launch the AWS instance



### Step 1

Subscribe to Global IDs software. Search for the Global IDs offering.



### Step 2

Configure Global IDs software. Provide details of software deployment.



### Step 3

Launch the Global IDs software with the provided configuration.

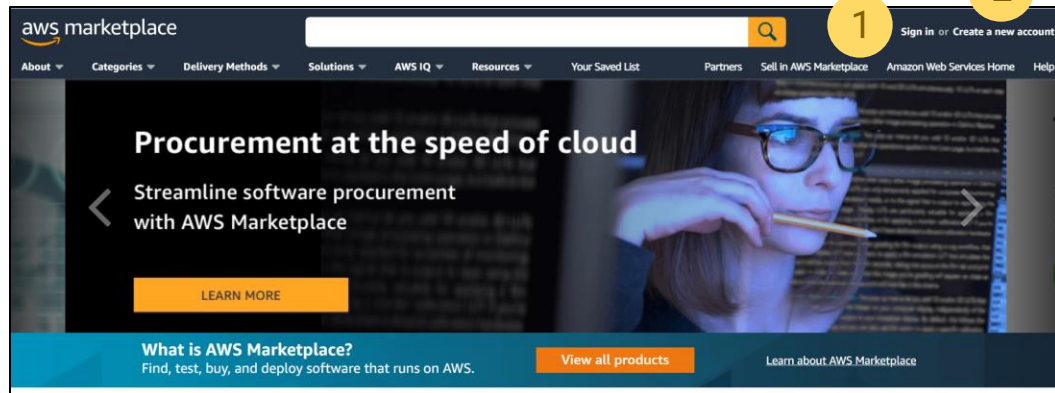


### Step 4

Stop/terminate the AWS instance once you finish using the software.

# Subscribe to Global IDs software

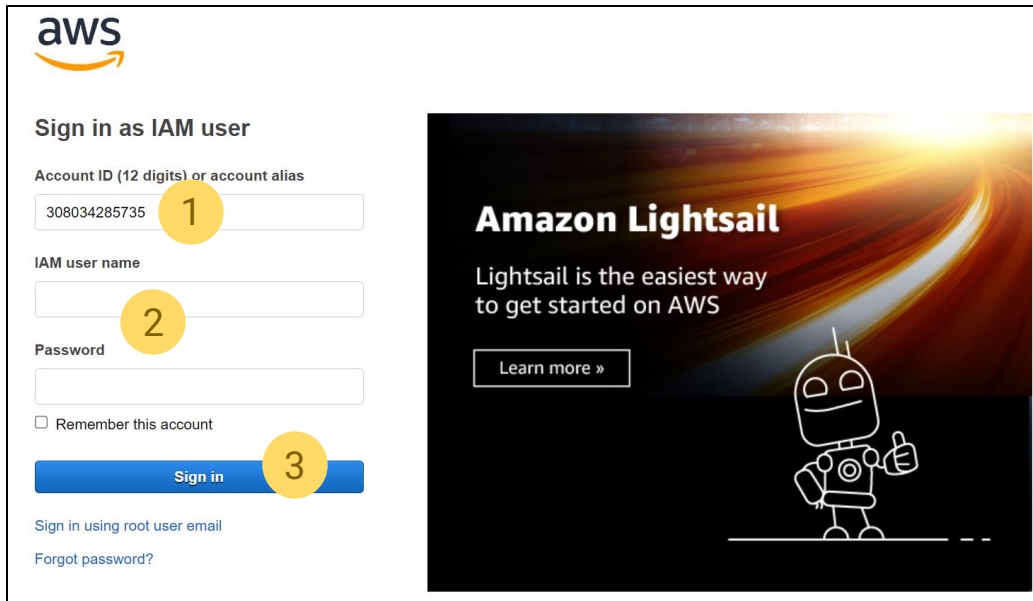
- ⦿ Open AWS Marketplace in browser using the URL - <https://aws.amazon.com/marketplace>
- ⦿ Click **Sign in** [Point 1]
- ❗ Don't have an AWS Account? Click **Create a new AWS Account** (Click **Sign in using user email**) to create one. For details, click [here](#). [Point 2]



# Subscribe to Global IDs software

- ⦿ Login as an IAM user and provide your 12-digit Account ID [Point 1]
- ⦿ Enter your IAM user name and Password [Point 2]
- ⦿ Click **Sign in** [Point 3]
- ⓘ If MFA (Multi-factor Authentication) is enabled, an OTP/Authentication code needs to be provided

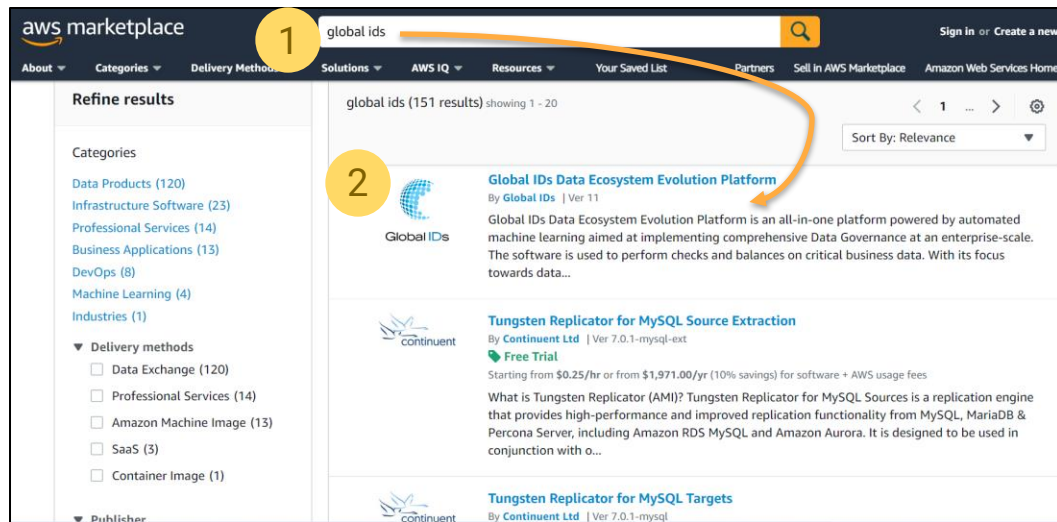
On successful login, you are redirected to the **AWS Homepage**.



The screenshot shows the AWS IAM user login interface. The AWS logo is at the top left. The title is "Sign in as IAM user". Below it, the label "Account ID (12 digits) or account alias" is followed by a text input field containing "308034285735", with a yellow circle containing the number "1" next to it. Below that, the label "IAM user name" is followed by a text input field, with a yellow circle containing the number "2" next to it. Below that, the label "Password" is followed by a text input field. Below the password field is a checkbox labeled "Remember this account". At the bottom of the form is a blue button labeled "Sign in", with a yellow circle containing the number "3" next to it. Below the button are two links: "Sign in using root user email" and "Forgot password?". To the right of the login form is a promotional banner for "Amazon Lightsail". The banner has a dark background with a bright light source on the right. The text "Amazon Lightsail" is in large white font. Below it, the text "Lightsail is the easiest way to get started on AWS" is in smaller white font. Below that is a button labeled "Learn more »". At the bottom right of the banner is a cartoon robot character.

# Subscribe to Global IDs software

- Search for **global ids** in the search bar. [Point 1]
- Global IDs Data Ecosystem Evolution Platform** will be visible as a search result [Point 2]
- Click the link **Global IDs Data Ecosystem Evolution Platform** to view the Product Overview page.





# Subscribe to Global IDs software

- ⦿ The **Product Overview** section provides a brief description of the software [Point 1]
- ⦿ Click **Continue to Subscribe** [Point 2]

The screenshot shows the AWS Marketplace interface for the 'Global IDs Data Ecosystem Evolution Platform'. The page is divided into several sections. At the top, there's a navigation bar with 'aws marketplace' and various filters. Below this, the product title 'Global IDs Data Ecosystem Evolution Platform' is displayed, along with the provider 'Global IDs' and the latest version '11'. A 'Continue to Subscribe' button is prominently featured in the top right corner, highlighted by a yellow circle with the number 2. Below the product title, there's a 'Product Overview' section, highlighted by a yellow circle with the number 1. This section contains a brief description of the platform, its features, and a list of highlights including Data Cataloging, Data Classification, Data Privacy, and Regulatory Compliance. A 'Save to List' button is also visible next to the 'Continue to Subscribe' button. The pricing section shows a 'Typical Total Price' of '\$0.26/hr'.

# Subscribe to Global IDs software

- ⦿ Read the **Terms and Conditions** section in the Subscribe to this software page. [Point 1]
- ⦿ Click **Continue to Configuration** [Point 2]

Follow to Step 2 (next page) for configuring the software.

The screenshot shows the AWS Marketplace interface for the 'Global IDs Data Ecosystem Evolution Platform'. The page is titled 'Global IDs Data Ecosystem Evolution Platform' and includes a search bar and navigation links. The main content area is titled 'Subscribe to this software' and contains the following text:

You're subscribed to this software. Please see the terms and pricing details below or click the button above to configure your software.

**1** Terms and Conditions

Global IDs Offer

You have subscribed to this software and agreed that your use of this software is subject to the pricing terms and the seller's [End User License Agreement \(EULA\)](#). You agreed that AWS may share information about this transaction (including your payment terms) with the respective seller, reseller or underlying provider, as applicable, in accordance with the [AWS Privacy Notice](#). AWS will issue invoices and collect payments from you on behalf of the seller through your AWS account. Your use of AWS services remains subject to the [AWS Customer Agreement](#) or other agreement with AWS governing your use of such services.

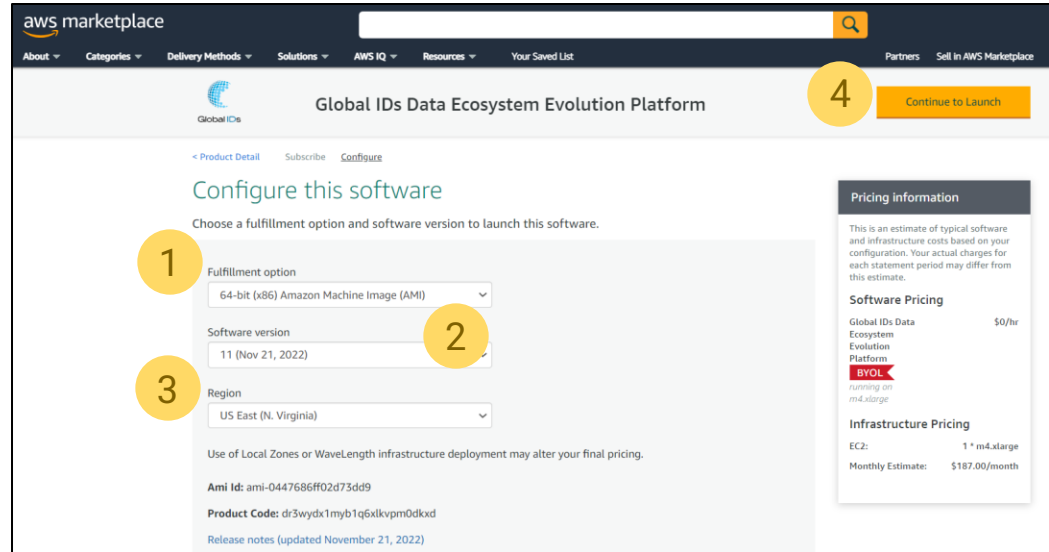
Product	Effective date	Expiration date	Action
Global IDs Data Ecosystem Evolution Platform	3/30/2021	N/A	<a href="#">Show Details</a>

**2** [Continue to Configuration](#)

# Configure Global IDs software

At this step, you will be required to provide the following details.

- Fulfillment option: Choose **64-bit (x86) Amazon Machine Image (AMI)** from the list. [Point 1]
- Software Version: Choose the latest version from the drop-down list. [Point 2]
- Region: You may choose as desired since the Global IDs software is available globally [Point 3]
- Click **Continue to Launch** [Point 4]



# Launch Global IDs software

In the **Launch this software** page, you will be required to provide the following details.

- Choose Action: Keep the default selected value **Launch from Website**. [Point 1]
- EC2 Instance Type: Keep the default selected value **m4.xlarge** or **higher**. [Point 2]
- VPC Settings: Choose the VPC provided by AWS as the default. [Point 3]

The screenshot shows the AWS Marketplace interface for the 'Global IDs Data Ecosystem Evolution Platform'. The page includes a navigation bar with 'aws marketplace' and various menu items. The main content area has a 'Launch this software' button and a 'Configuration details' section. Below this, there are three highlighted sections for user selection:

- Choose Action** (Point 1): A dropdown menu with 'Launch from Website' selected. To the right, it says 'Choose this action to launch from this website'.
- EC2 Instance Type** (Point 2): A dropdown menu with 'm4.xlarge' selected. To the right, it lists specifications: 'Memory: 16 GiB', 'CPU: 13 EC2 Compute Units (4 Virtual cores with 3.25 Units each)', 'Storage: EBS storage only', and 'Network Performance: High'.
- VPC Settings** (Point 3): A dropdown menu with 'vpc-95011def' selected. Above the dropdown, it says '\* indicates a default vpc'. To the right of the dropdown is a refresh icon. Below the dropdown is a link 'Create a VPC in EC2' with an external link icon.

# Launch Global IDs software

- ⦿ Subnet Settings: Choose the subnet provided by AWS as the default. [Point 1]
  - i** You can define a network group available in the defined VPC through Subnet Settings. Communication is permitted within the subnet group.
- ⦿ Security Group Settings: Click **Create New Based On Seller Settings**.
  - Enter a name for your Security Group and its description. See on the right, an example of Security Group. [Point 2]
  - You need not change the default values for Connection Method, Protocol, Port Range, Source (IP or Group) [Point 3]
  - Click **Save**.

**Subnet Settings**
1

IPv4 CIDR block: 172.31.80.0/20

[Create a subnet in EC2](#)
  
 (Ensure you are in the selected VPC above)

**Name your security Group**
2

**Description**

Connection Method	Protocol	Port Range	Source (IP or Group)
HTTP	tcp	80	Anywh... 0.0.0.0/0
SSH	tcp	22	Anywh... 0.0.0.0/0
HTTPS	tcp	443	Anywh... 0.0.0.0/0

Rules with source of 0.0.0.0/0 allows all IP addresses to access your instance. We recommend limiting access to only known IP addresses.

Cancel

Save

# Launch Global IDs software

To secure login information for your instances using key pairs (AWS stores the public key, and you store the private key in a secure place), specify Key Pair Settings.

In **Key pairs** list page click on **Create key pair** to go to **Create key pair** page.

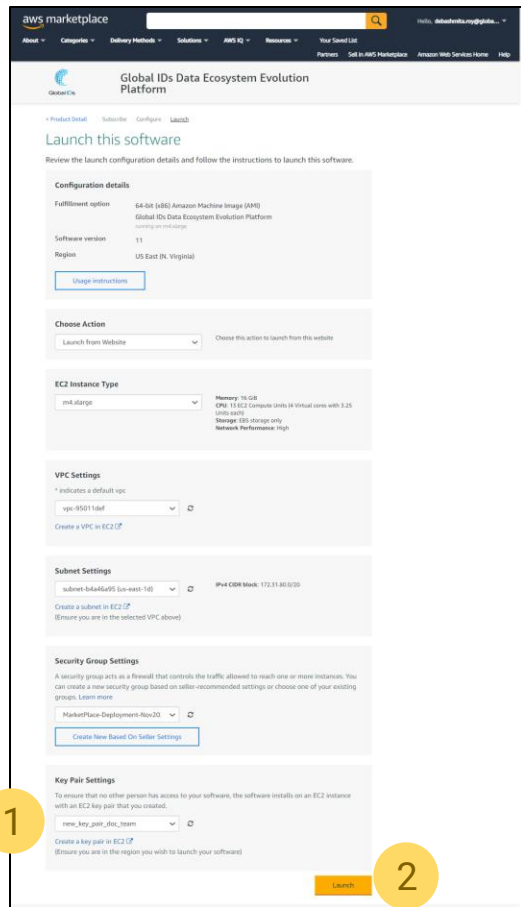
- Enter a descriptive name for the key pair. Amazon EC2 associates the public key with the name that you specify as the key name. [Point 1]
- The Key pair type needs to be RSA [Point 2]
- Choose the file format in which to save the private key. Choose **ppk** to save it in a format that can be used with PuTTY. [Point 3]
- Click **Create key pair** [Point 4]

The screenshot shows the AWS Management Console interface for creating a new key pair. The breadcrumb navigation at the top indicates the path: EC2 > Key pairs > Create key pair. The main heading is 'Create key pair' with an 'Info' link. Below this, a 'Key pair' section explains that a key pair consists of a private key and a public key. Four yellow circular callouts with numbers 1 through 4 are overlaid on the form: 1 points to the 'Name' input field, 2 points to the 'Key pair type' section where 'RSA' is selected, 3 points to the 'Private key file format' section where '.ppk' is selected, and 4 points to the 'Create key pair' button at the bottom right. The 'Tags' section is optional and currently empty.

To know more about key pairs, click [here](#).

# Launch Global IDs software

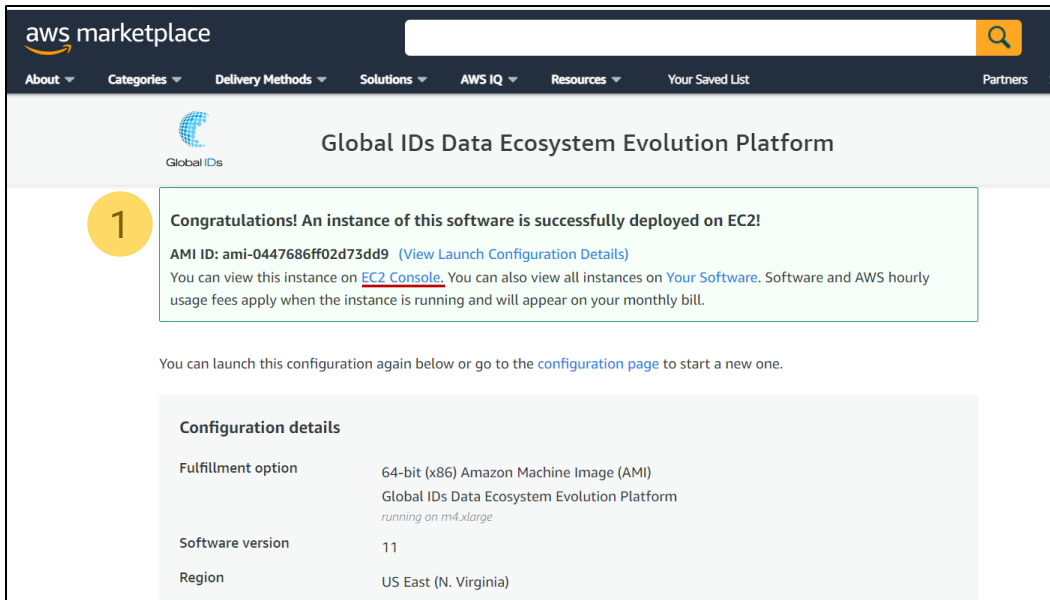
- From Key Pair Settings drop-down list, select the newly created key pair. [Point 1]
- The private key file is automatically downloaded by your browser. The base file name is the name you specified as the name of your key pair, and the file name extension is ppk. Save the private key file in a safe place for accessing the backend server using PuTTY.
- Once you have provided the configuration details, click **Launch** [Point 2].
- Follow to Step 3 for launching the software.



# Launch Global IDs software

This will lead you to a message regarding successful deployment of the software.

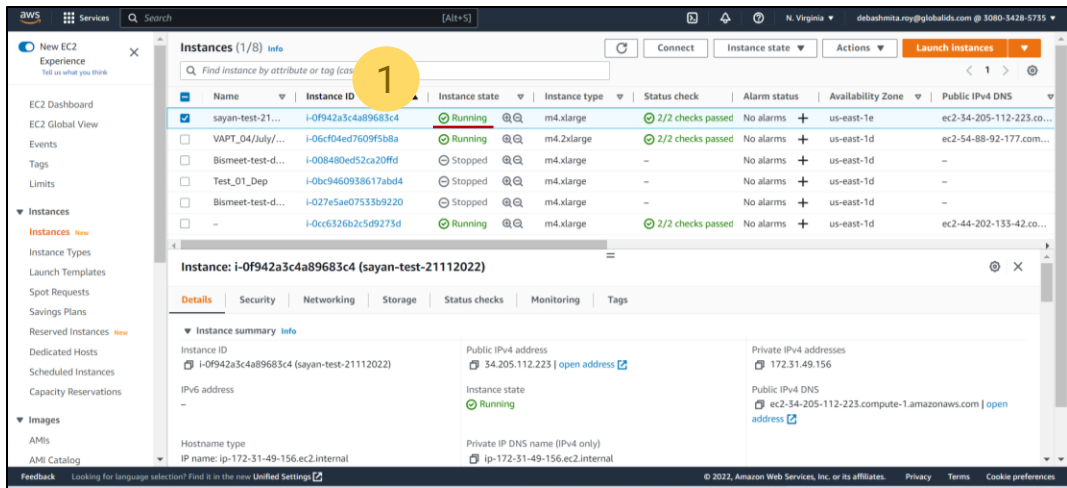
- Click **EC2 Console** link. [Point 1]
- This will open the **EC2 Management Console** page.





# Launch Global IDs software

- See on the right to view the **Global IDs instance** being prepared for usage which takes approximately 5 - 7 minutes.
- You need to refresh the browser to observe instance state as **Running**. [Point 1]



# Launch Global IDs software

- Choose the instance row displayed to view the updated status of the Global IDs software instance in the frame below. [Point 1]
- Copy the link as shown in Public IPv4 DNS address. [Point 2]
- In a new browser instance, paste the copied URL to open the Global IDs Data Ecosystem Evolution Platform Login page.

Example: **http://<Public\_DNS>**

The screenshot shows the AWS Management Console 'Instances' page. The table lists several instances. The first instance, 'sayan-test-21112022' (ID: i-0f942a3c4a89683c4), is highlighted with a yellow circle labeled '1'. Below the table, the details for this instance are shown. In the 'Details' tab, the 'Public IPv4 DNS' field displays the address 'ec2-34-205-112-223.compute-1.amazonaws.com' with a link to 'open address', which is highlighted with a yellow circle labeled '2'.

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
sayan-test-21112022	i-0f942a3c4a89683c4	Running	m4.xlarge	2/2 checks passed	No alarms	us-east-1e	ec2-34-205-112-223.co...
VAPT_04/July/...	i-06c04ed7609f5b8a	Running	m4.2xlarge	2/2 checks passed	No alarms	us-east-1d	ec2-54-88-92-177.com...
Bismmeet-test-d...	i-008480ed52ca20ff	Stopped	m4.xlarge	-	No alarms	us-east-1d	-
Test_01_Dep	i-0bc9460938617abd4	Stopped	m4.xlarge	-	No alarms	us-east-1d	-
Bismmeet-test-d...	i-027e5ae07533b9220	Stopped	m4.xlarge	-	No alarms	us-east-1d	-
-	i-0cc6326b2c5d9273d	Running	m4.xlarge	2/2 checks passed	No alarms	us-east-1d	ec2-44-202-133-42.co...

**Instance: i-0f942a3c4a89683c4 (sayan-test-21112022)**

**Details** | Security | Networking | Storage | Status checks | Monitoring | Tags

**Instance summary info**

Instance ID: i-0f942a3c4a89683c4 (sayan-test-21112022)

Public IPv4 address: 34.205.112.223 | [open address](#)

Instance state: **Running**

Private IPv4 addresses: 172.31.49.156

Public IPv4 DNS: ec2-34-205-112-223.compute-1.amazonaws.com | [open address](#)

Private IP DNS name (IPv4 only): ip-172-31-49-156.ec2.internal

# Launch Global IDs software

- Register to use the software.
- **Refer to the emails sent by Global IDs Administrator for login credentials and the 30 days evaluation license. Upload the license.**
- **Usage of the sample data bundled with the software requires the port 1530 to be available. Contact the Global IDs Support Team for assistance.**



Once you have access, you can start using the Global IDs software.

The image shows a registration window for the Global IDs software. On the left is a blue sidebar with a globe graphic and the text 'DATA ECOSYSTEM MANAGEMENT SUITE Version 11'. The main area is white and contains the 'Global IDs' logo, a 'Sign up with Global IDs' heading, and two input fields: 'Email id' (with a red error message 'This field is required') and 'Name'. Below these is a note about using the information as administrator login credentials and a 'NEXT' button. The footer contains the copyright notice '© 2001-2022 Global IDs. All Rights Reserved.'

# What's Next?

## Start using the Global IDs software

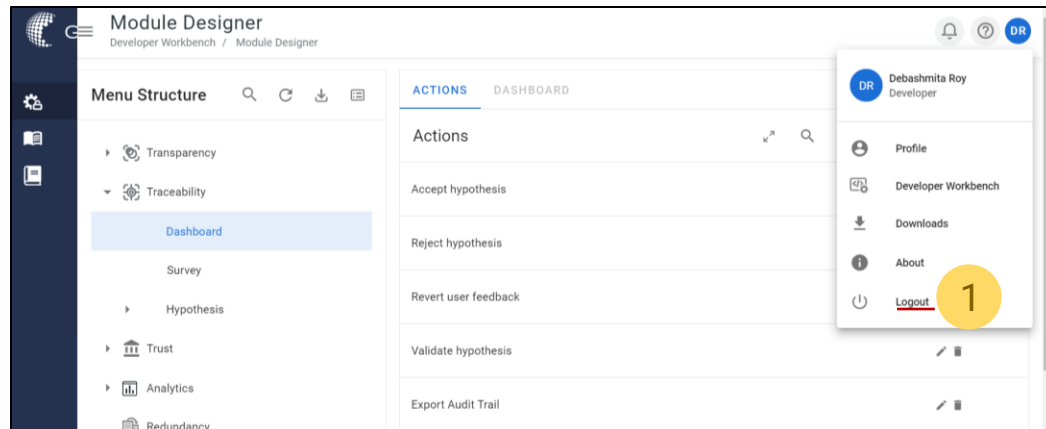


### Data Transparency Use Case

Click [here](#) to download the user guide

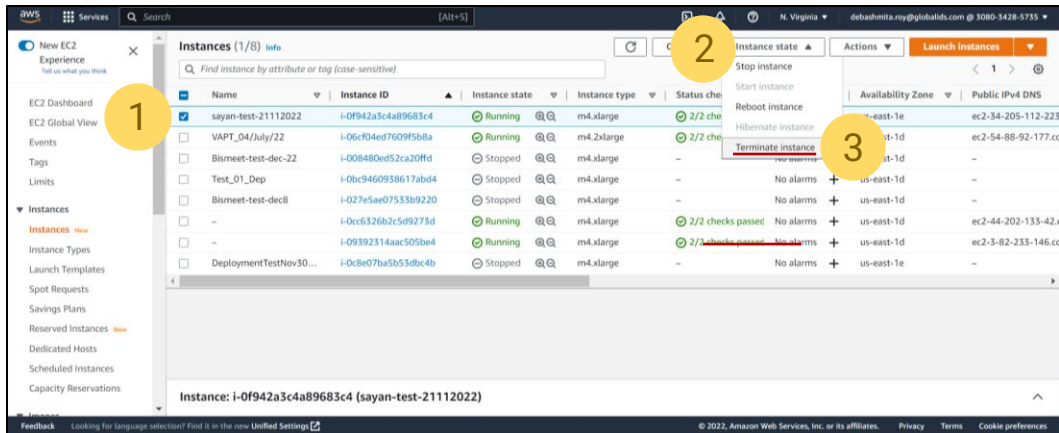
# Stop/Terminate the AWS instance

- Once you finish trying out the functionality, log out from the Global IDs software.
- Click on the user name initials on the top right corner of the window and then on **Logout** in the displayed menu. [Point 1]



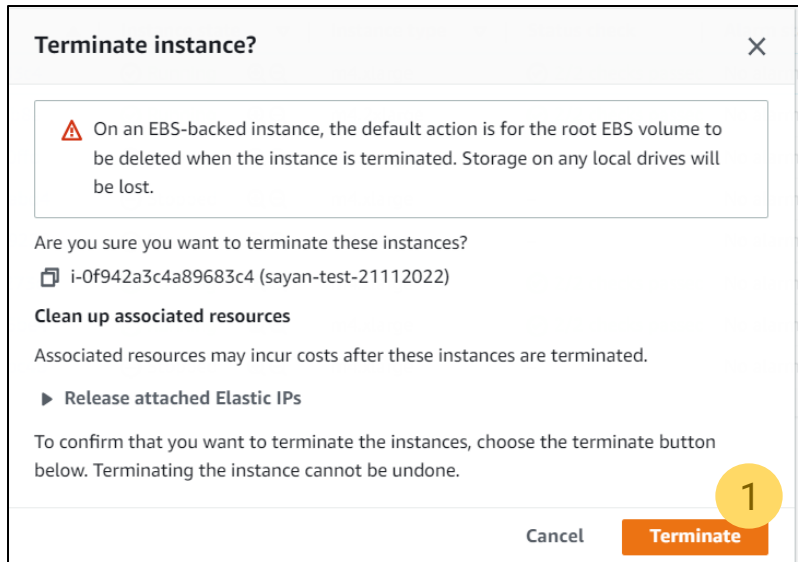
# Stop/Terminate the AWS instance

- ⦿ You will need to terminate the EC2 instance in AWS.
- ⦿ Select the instance row [Point 1] and click on Instance State button [Point 2], and then select Terminate Instance. [Point 3]
- ⦿ This not only terminates the instance but also releases the memory and permanently deletes the parameters required to create the instance.



# Stop/Terminate the AWS instance

- ⦿ Confirm to terminate the selected instance. Click **Terminate**. [Point 1]
- ⦿ The instance is first stopped and then terminated.
- ⦿ You can temporarily stop the instance without losing its parameters by selecting **Stop Instance** and then again restarting it when required by selecting **Start Instance**. This feature is handy when you need to stop the instance at the end of work on Day 1 and restart the same instance before work on Day 2. This avoids unnecessary billing when the instance is not in use.



# Frequently Asked Questions

## What do I do if I do not have an AWS account?

For the purpose of training, Global IDs can provide Marketplace subscription for 2 business days.

## What privileges/permission do I need to launch the offer from Marketplace?

Users should have a subscription in the Cloud Marketplace with the ability to launch a VM there.

## How to obtain an evaluation license?

The VM is configured with automatic user registration capability. The evaluation license will be delivered to your registered email address after initial verification.

## How to obtain an enterprise license?

After evaluating the software, you can reach out to us at [marketplacesupport@globalids.com](mailto:marketplacesupport@globalids.com) or <https://www.globalids.com/contact-us> for an enterprise license.



# Frequently Asked Questions

## What kind of support does Global IDs provide to its Marketplace users?

Global IDs provides comprehensive training material to its customers. We also provide video recordings and can arrange for demos if required.

## How to launch the offer from Marketplace?

You may refer to [this section](#) to launch this offer.

## How to get started with using the software?

You can start with the Data Transparency use case. For more details, refer to [this document](#).

## What is the minimum hardware requirement to launch the offer from Marketplace?

Ideally, the hardware requirement is 8 vCPU, 32 GB RAM and 1 TB file storage.

## What is the price of the software?

For details on pricing, please email us at [marketplacesupport@globalids.com](mailto:marketplacesupport@globalids.com).

# Frequently Asked Questions



## Which data sources are supported in the Marketplace offer?

For details about supported Data Sources, [refer to this document](#).

The objective of this document is to provide guidance when trying to deploy and use the **Global IDs Solution in AWS Marketplace**. We have tried to include as many screenshots as possible. However, if you encounter a problem, you can contact us on

[info@globalids.com](mailto:info@globalids.com)



