

Steps To Configure Matillion

1. Create AWS free account using below link:

<https://aws.amazon.com/free/>

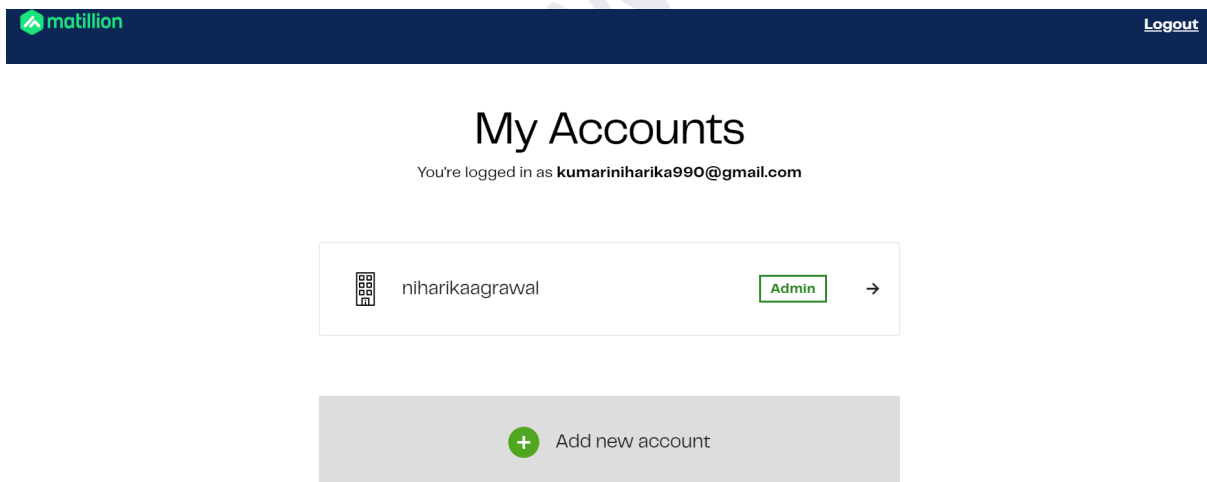
2. Create Snowflake free tier account using below link:

<https://signup.snowflake.com/>

3. Now using below link open matillion hub:

<https://hub.matillion.com/>

Enter your mail id and login. You will land into below page:



4. Now click on +Add new Account.

5. Now enter the details asked and click on continue.

1 Setup your account

2 Get started

Setup your account

Select your region to determine where your Matillion account will be created. [Learn more](#)

Account name

DemoAccount 19 characters left

Subdomain

Your account's subdomain will be

demoaccount 19 characters left .matillion.com

Region

United States


In cases where your business data is stored or processed in Matillion's infrastructure, it will only be within this region. This cannot be changed once it has been set. [Learn more](#)

Continue

6. Account got created , click on the arrow and start exploring.

My Accounts

You're logged in as kumariniharika990@gmail.com

 DemoAccount


Admin

→

7. Now you will land into matillion dashboard. There scroll down and select ADD MATILLION ETL INSTANCES.


Users

What do you want to do today?




Design data pipelines

Use Matillion Designer to build end-to-end data pipelines leveraging our loading, transformation, sync and orchestration capabilities.



Load data


Use our streamlined user interface to create and manage both streaming change data capture and batch pipelines.





View pipeline runs


View all your pipeline run activity and Matillion ETL instances in one place


Quicklinks

Add Matillion ETL Instance

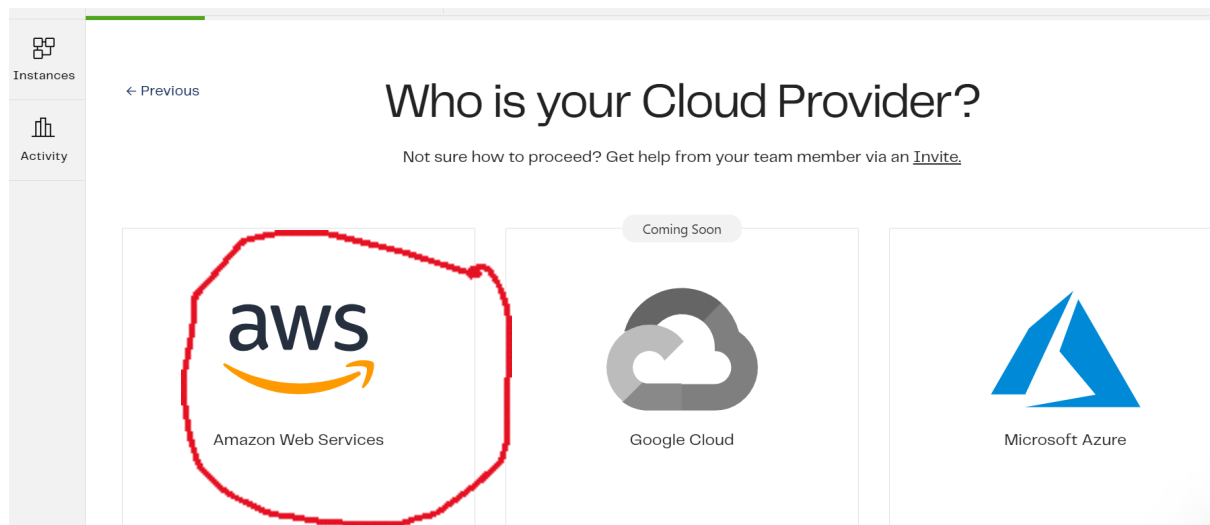
Manage agents

Manage custom connectors

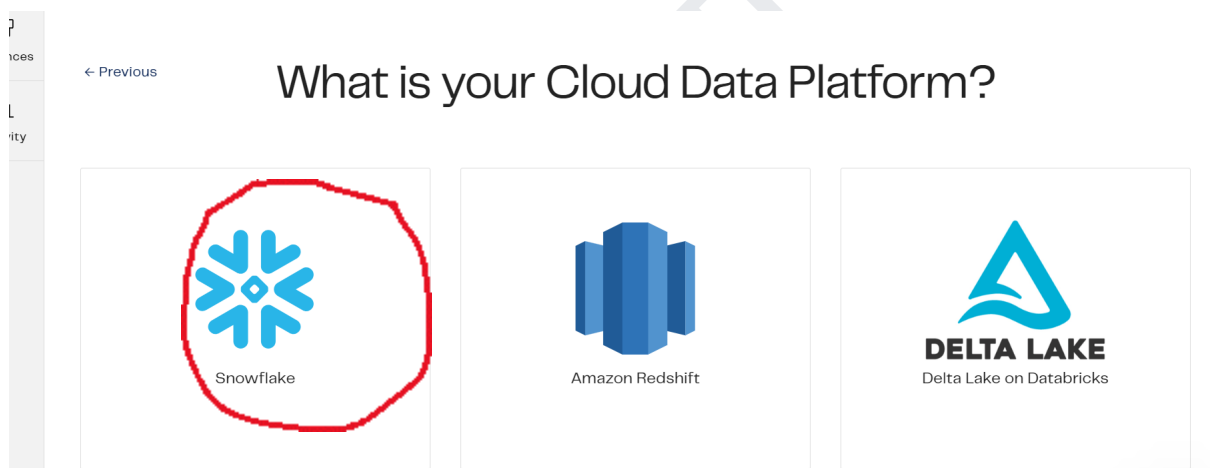
Monitor credit usage

Share product ideas

8. Now choose the cloud provider as per your preference . Here will go with AWS cloud.



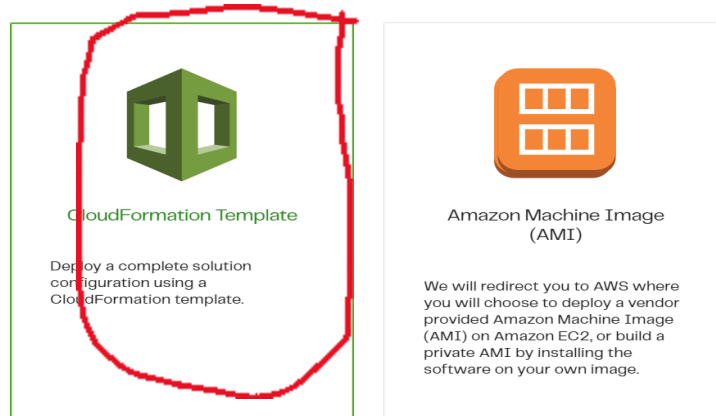
9. Select Cloud Data Platform . Choose Snowflake here.



You can go with other platform as well but since we are going to use snowflake here so better to choose snowflake.

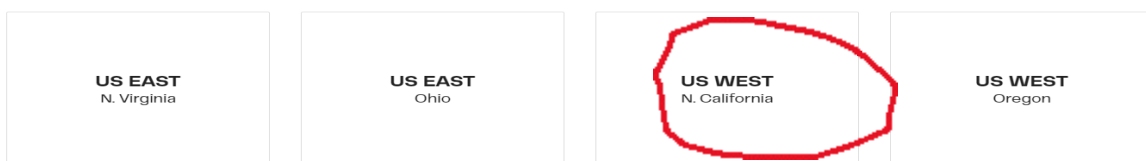
10. Now choose the delivery way. (Here will go with CloudFormation Template).

How do you want to deliver Matillion ETL for Snowflake



11. Select the region where you want to run the Matillion . Here selecting US WEST.

In which region do you want to run Matillion?



12. Then it will ask how we want to deploy to a VPC As we don't have any VPC so select Set up a new VPC.

How do you want to deploy to a Virtual Private Cloud (VPC)?

Amazon Virtual Private Cloud (Amazon VPC) lets you provision a logically isolated section of the Amazon Web Services (AWS) Cloud where you can launch AWS resources in a virtual network that you define.



13. Select Single Node.

Choose a Matillion CloudFormation

If you're not sure, you can start with a smaller instance

Recommended

Single Node

One EC2 Large instance

No resources required. A complete, working out of the box Matillion ETL instance. The recommended option for new users and those testing the product.

Single Node & RDS

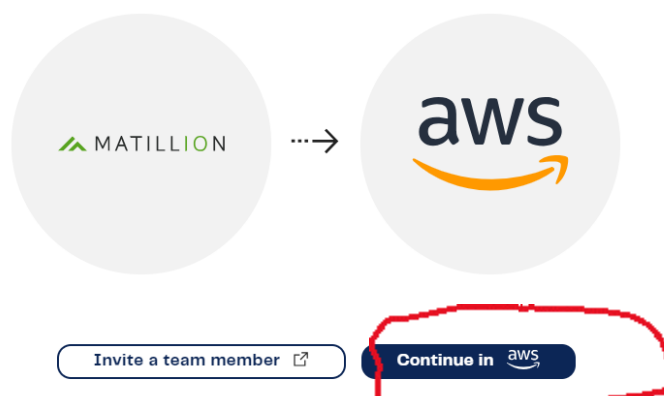
One EC2 instance

A single Matillion ETL instance complete with a separate RDS instance and CloudWatch Logs enabled (Enterprise Edition required).

14. Now click on Continue with AWS.

Thank you. We will redirect you to AWS.

Based on your selections, we will pre-populate your CloudFormation template for you to review in AWS. If you don't have permission to configure a CloudFormation in AWS, then [invite](#) a team member who can choose the configuration.



15. You will be automatically redirected into AWS account. Enter the stack name.

aws Services Search [Alt+S] N. California Niharika

CloudFormation > Stacks > Create stack

Quick create stack

Template

Template URL
https://matillion-public-billing-cfn-templates.s3-eu-west-1.amazonaws.com/latest/aws-snowflake-new-resources-proof-of-concept.json

Stack description
Matillion ETL for Snowflake CloudFormation: POC creating new AWS resources

Stack name

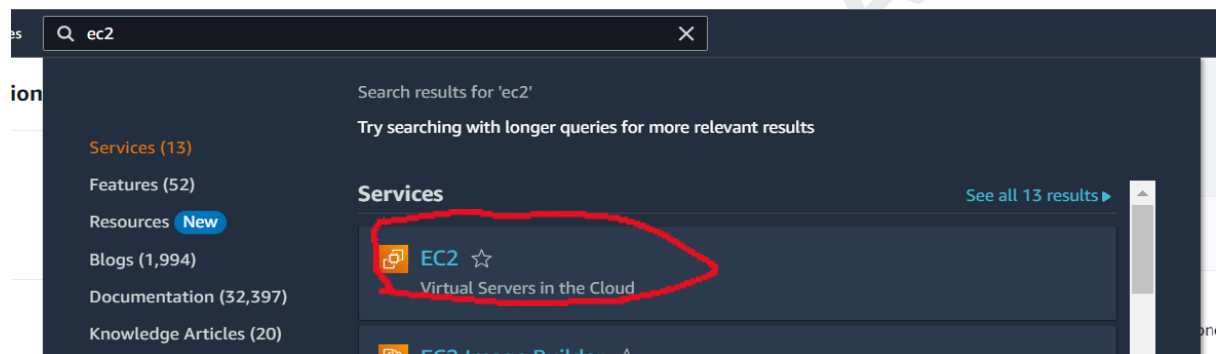
Stack name

Matillion-ETL-for-Snowflake-2

Stack name can include letters (A-Z and a-z), numbers (0-9), and dashes (-).

16. Scroll down in parameter section . You need to select keypair.

Now for creating Keypair . Open AWS account on other tab and search EC2 .



17. Click on Key Pair and click on create key pair.

Resources EC2 Global view ↗ ↻ ⚙

You are using the following Amazon EC2 resources in the US West (N. California) Region:

Instances (running)	1	Auto Scaling Groups	0	Dedicated Hosts	0
Elastic IPs	0	Instances	1	Key pairs	1
Load balancers	0	Placement groups	0	Security groups	3
Snapshots	0	Volumes	1		

ⓘ Easily size, configure, and deploy Microsoft SQL Server Always On availability groups on AWS using the AWS Launch Wizard for SQL Server. [Learn more](#) ✕

↻ Actions ▾ **Create key pair** < 1 > ⚙

18. Name the keypair and click on create key pair.

Key pair
A key pair, consisting of a private key and a public key, is a set of security credentials that you use to prove your identity when connecting to an instance.

Name

The name can include up to 255 ASCII characters. It can't include leading or trailing spaces.

Key pair type [Info](#)
☒ RSA ☐ ED25519

Private key file format
☐ .pem
For use with OpenSSH
☒ .ppk
For use with PuTTY

Tags - *optional*
No tags associated with the resource.

You can add up to 50 more tags.

19. Once created it will be listed.

<input type="checkbox"/>	demokeypair	rsa	2023/07/10 23:50 GMT+5:30	52:eb:d8:f9:ae:d6:c3:be:fa:d5:0b:bd:f7:f...	key-072b8134c4759f1da
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20. Now back to previous tab. Go down in parameter section. Now click in Keypair drop there you will find the keypair name what you created now.

Select it.

Parameters
Parameters are defined in your template and allow you to input custom values when you create or update a stack.

Networking and Security Configuration

Keypair Name
The selected key pair will be added to the set of keys authorized for this instance

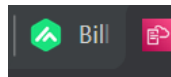
Select AWS::EC2::KeyPair::KeyName

Q |

matillionkeypair

demokeypair

You may face issue that keypair what you created is not listing in parameter section . Wait for 2-3 minutes. If still it is not reflecting . Go to tab where you were asked to click on continue with aws (step 14) .It will again redirect to AWS account and now keypair will be listed.



21. Then in AZ#1 select the region . Here giving us-west-2a.

AZ #1
Select an Availability Zone from the current region

Select AWS::EC2::AvailabilityZone::Name

Q

us-west-1a

us-west-1b

22. In Inbound IPv4 CIDR section enter 0.0.0.0/0.

Inbound IPv4 CIDR
Inbound IPv4 CIDR Range for Matillion Instance

0.0.0.0/0

MatillionProduct

23. Leave other section as it is and acknowledge and then click on Create Stack.

Capabilities

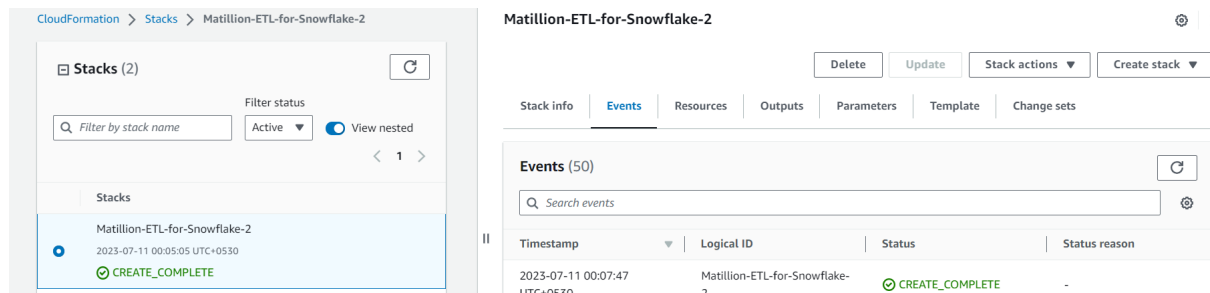
i The following resource(s) require capabilities: [AWS::IAM::Role]
This template contains Identity and Access Management (IAM) resources that might provide entities access to make changes to your AWS account. Check that you want to create each of these resources and that they have the minimum required permissions. [Learn more](#)

☒ I acknowledge that AWS CloudFormation might create IAM resources.

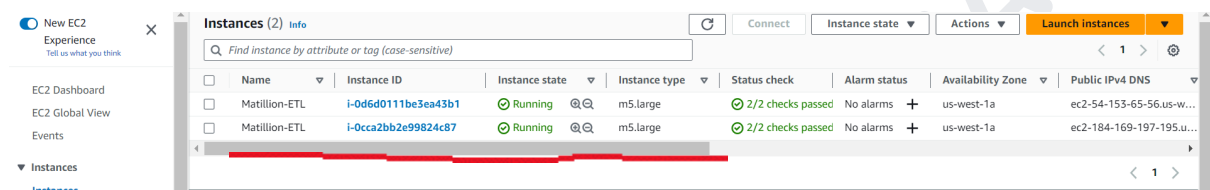
Cancel Create change set **Create stack**

It will take sometime for creation.

24. Stack got created.

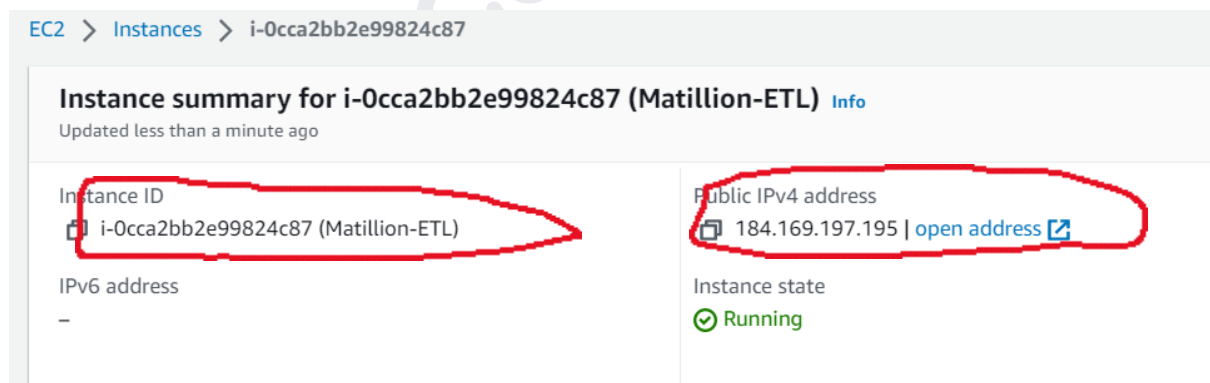


25. After that it will 3 to 4 mins time to start the instance. After completing than go to the EC2 in services click on Instances. It will list the instances.

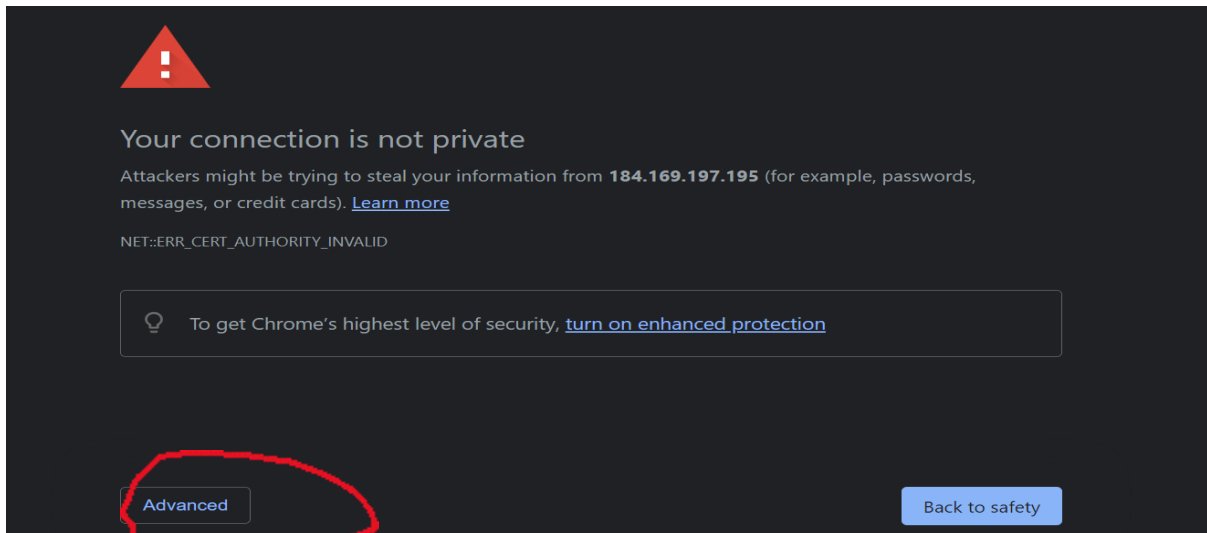


26. Click on the instances and copy the instance id and save it (it will be used whenever matillion sign required)

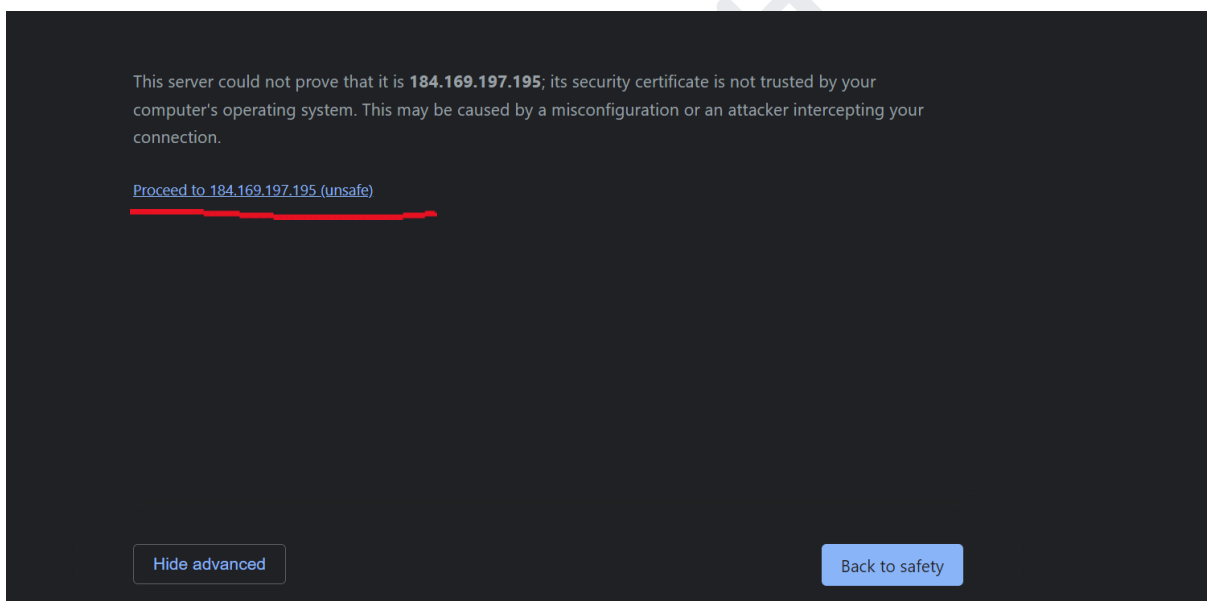
Now click on IPV4 Open address. I will redirect to other page for matillion login.



27. Click on Advanced.



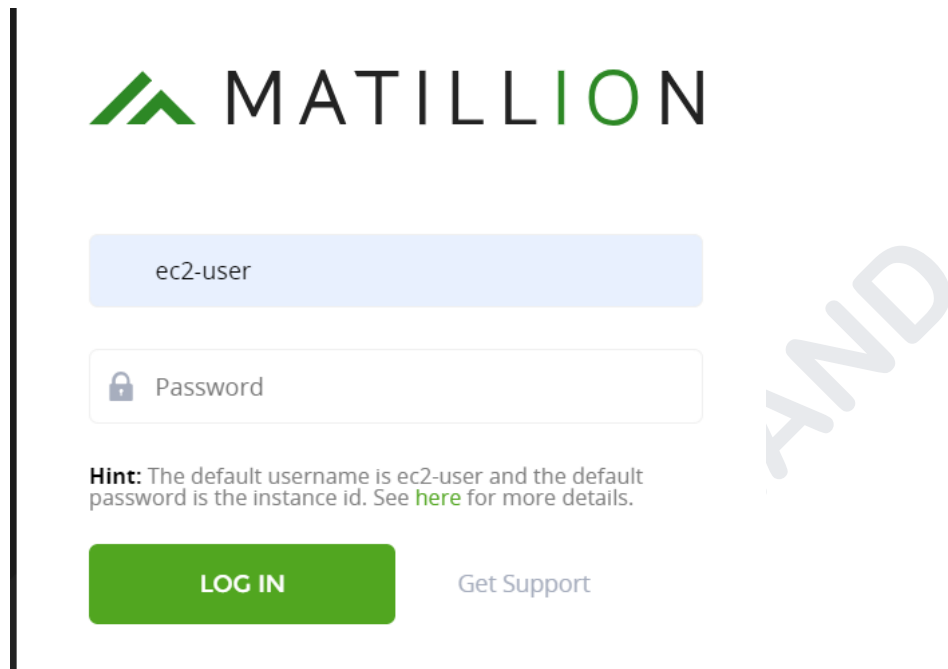
Click on Proceed to ****



28. Now login to Matillio.

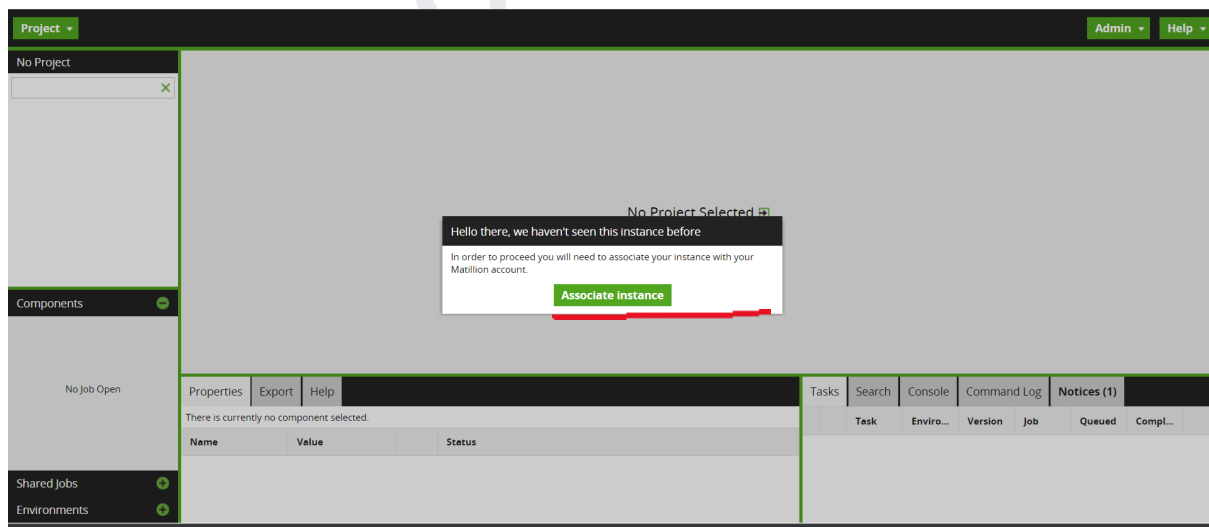
User name : ec2-user (always it will remain same).

Password : Instance ID will be your password what you copied in step 26.



The image shows the Matillion login interface. At the top is the Matillion logo, consisting of a green stylized 'M' icon followed by the word 'MATILLION' in a green sans-serif font. Below the logo are two input fields: the first is a light blue box containing the text 'ec2-user', and the second is a white box with a lock icon and the text 'Password'. A green 'LOG IN' button is positioned below the password field, and a grey 'Get Support' link is to its right. A 'Hint' section below the password field states: 'Hint: The default username is ec2-user and the default password is the instance id. See [here](#) for more details.'

29. Once login you will get redirected to matillion dashboard.



The image is a screenshot of the Matillion dashboard. The top navigation bar is dark green with 'Project' on the left and 'Admin' and 'Help' on the right. A sidebar on the left contains links for 'No Project', 'Components', 'No Job Open', 'Shared Jobs', and 'Environments'. The main area is grey and displays a message: 'Hello there, we haven't seen this instance before. In order to proceed you will need to associate your instance with your Matillion account.' Below this message is a green 'Associate Instance' button. At the bottom, there are tabs for 'Properties', 'Export', and 'Help', and a table with columns 'Name', 'Value', and 'Status'. On the right side of the dashboard, there are tabs for 'Tasks', 'Search', 'Console', 'Command Log', and 'Notices (1)', followed by a table with columns 'Task', 'Enviro...', 'Version', 'Job', 'Queued', and 'Compl...'.

Here click on Associate Instance

30. Now we need to create instance . Give Instance name and click on Associate.

Associate this instance to your account

Instance reference

f48ac0e9-b90a-4dd9-aead-85bb6a19cbb6

Instance name

demoinstance

A unique name for you and your team to use as a reference in the Matillion billing platform

18 characters left

☒ I agree and accept [Matillion's Master Subscription Agreement](#)

Associate

31. Click on Launch Matillion ETL.



Great! You're one step away from having your instance associated!

In order to complete the association of **demoinstance** with **DemoAccount**, please launch Matillion ETL below.

Launch Matillion ETL

Matillion finally got launched. Now for performing any action you need to create project.

See Project creation document to know how to create new project.

The screenshot shows a 'Create Project' dialog box with four steps: 1. Project Details, 2. AWS Connection, 3. Snowflake Connection, and 4. Snowflake Defaults. The 'Project Details' step is active, showing fields for 'Project Group: *', 'Project Name: *', and 'Project Description:'. There are also checkboxes for 'Private Project:' and 'Include Samples:'. The 'Include Samples' checkbox is checked. At the bottom of the dialog are 'Cancel', 'Back', and 'Next' buttons. The background interface includes a sidebar with 'Project', 'Components', 'Shared Jobs', and 'Environments'. The main area shows 'No Project' and 'No Job Open'. The bottom of the interface has tabs for 'Properties', 'Export', and 'Help', and a status bar with 'Search', 'Console', 'Command Log', 'Notices (1)', 'Enviro...', 'Version', 'Job', 'Queued', and 'Compl...'.

Project

Admin Help

No Project

Components

No Job Open

Shared Jobs

Environments

Properties Export Help

There is currently no component selected

Name Value

Create Project

1 2 3 4

Project Details AWS Connection Snowflake Connection Snowflake Defaults

Project Details

Project Group: *

Project Name: *

Project Description:

Private Project: ☐

Include Samples: ☒

Cancel Back Next

Search Console Command Log Notices (1)

Enviro... Version Job Queued Compl...

HAPPY LEARNING 😊