



dRural

Core Metaplatform AWS Account Guide

WP4 Task 4.3

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(*) PU = Public; PP = Restricted to other programme participants (including the Commission Services); RE = Restricted to a group specified by the consortium (including the Commission Services); CO = Confidential, only for members of the consortium (including the Commission Services)



Abstract

This document is addressed to Region's Promoters. Its primary purpose is to serve as a user guide for accessing, managing and controlling the account created by IDI EIKON on their behalf in AWS, necessary for the execution and running of dRural Core Metaplatform.

Disclaimer

The opinions expressed and arguments employed in this document do not necessarily reflect the official view from the European Union and other dRural consortium partners. Responsibility with the views and data expressed therein lies entirely with the authors.

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1 Introduction

dRural demonstrators are run as a SaaS (Software as a service (SaaS), a cloud-based software delivery model in which the cloud provider develops and maintains cloud application software, provides automatic software updates, and makes software available to its customers via the internet on a pay-as-you-go basis

This document shows how to configure AWS Core Metaplatfrom account for a Promoter in a Region where billing is tied to the credit card or bank account of each promoter (or responsible partner of the infrastructure costs).

Sign up for AWS

Billing Information

Credit or Debit card number



AWS accepts all major credit and debit cards. To learn more about payment options, review our [FAQ](#)

Expiration date

▼

▼

Cardholder's name

Billing address

☒ Use my contact address

Avda. Benjamin Franklin 27
Paterna Valencia 46980
ES

☐ Use a new address

Verify and Continue (step 3 of 5)

You might be redirected to your bank's website to authorize the verification charge.



1.1 Login with AWS Account

- 1) Go to <https://aws.amazon.com> and click in “Sign in to the Console”

A rectangular button with a dark blue border and an orange background. The text "Sign In to the Console" is written in white, centered on the button.

The four promoters in dRural have received an IAM (Identity and Access Management) user account for “billing”. With this billing account, billing responsible at Regions can access and manage their account by using their IAM user in the Login page and inserting the ID account provided by IDI EIKON. They only need to introduce their IAM user in the login page and fill in the provided account ID.

Sign in

☐ **Root user**

Account owner that performs tasks requiring unrestricted access. [Learn more](#)

☒ **IAM user**

User within an account that performs daily tasks. [Learn more](#)

Account ID (12 digits) or account alias

012345678901

Next



- 2) Login with your provided credentials:

Sign in as IAM user

Account ID (12 digits) or account alias

772221544737

IAM user name

billing

Password

.....

☒ Remember this account

Sign in

- 3) When you first login AWS will force you to setup your own password.

AWS account 772221544737

IAM user name billing

Old password

New password

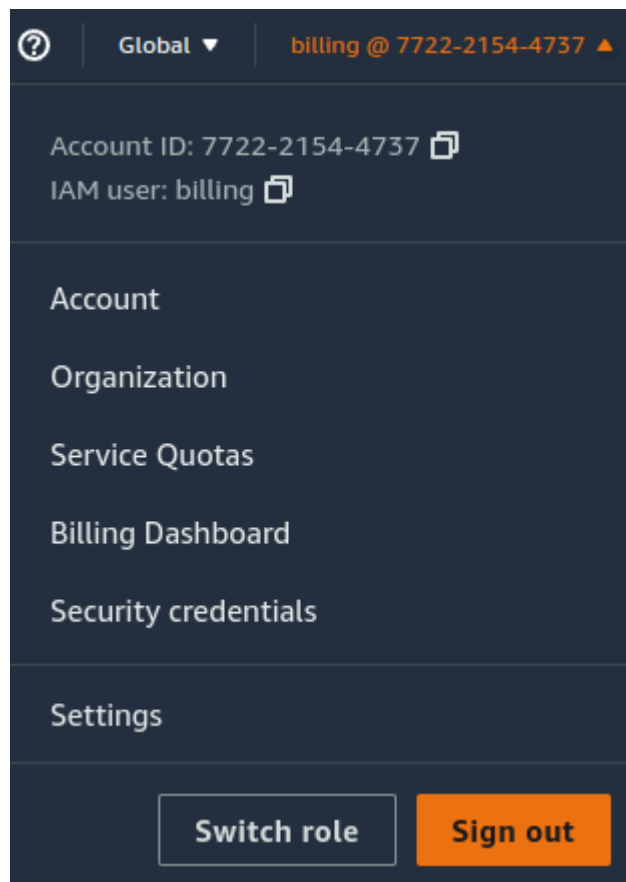
Retype new password

Confirm password change

[Sign in using root user email](#)



- 4) If everything has gone alright, now you should be in the AWS Console. Take a look to the top right menu:



1.2 Change Contact Information

- 1) Go to “Account” in top menu.

It is very important to **edit** the contact information. Invoices will show this information

▼ Contact Information

[Edit](#)

Please note that updating your contact information on this page will not update the information displayed on your PDF Invoices. If you wish to update the billing address information associated with your Invoice, please edit it through the Payment Methods page, located [here](#).



It is from this same page that you can change also your default billing currency.

▼ Payment Currency Preference


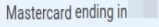
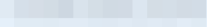

AWS services are priced in US Dollars. If you prefer to pay in a different currency, AWS can charge your Visa or MasterCard in any of the currencies below. Your credit card issuer may charge a fee for transactions in other currencies. You can change your currency preference any time. [View Terms and Conditions](#)

Select Payment Currency : Today's applicable exchange rate from USD to EUR: 0.959096

[Update](#) [Cancel](#)

1.3 Change Payment Method

1) Go to “Billing dashboard” from top menu.

Credit Card	Name on card	Expires on	
 Mastercard ending in 			Edit Delete Current Default

[Add a card](#)

Bank accounts

There are no bank accounts associated with this account.

[Add a bank account](#)

[Terms and Conditions](#)

Here you need to:

- Add your credit card
- Set your card as default
- Delete our credit card

IMPORTANT NOTICE: Amazon AWS allows SEPA (Single Euro Payments Area) direct debit payments, but first monthly invoice must be fully paid with credit card. After the first credit card payment you will be allowed to pay via SEPA, if you wish to do so, with “Add bank account” button.



1.4 Billing Dashboard

From this Section it is possible to see monthly invoices, payments and more.

Billing

Bills

Payments

Credits

Purchase orders

Cost & Usage Reports

Cost Categories

Cost allocation tags

Free Tier


Billing Conductor 

Cost Management

Cost Explorer

Budgets


Budgets Reports

Savings Plans 

Preferences

Billing preferences

Payment methods

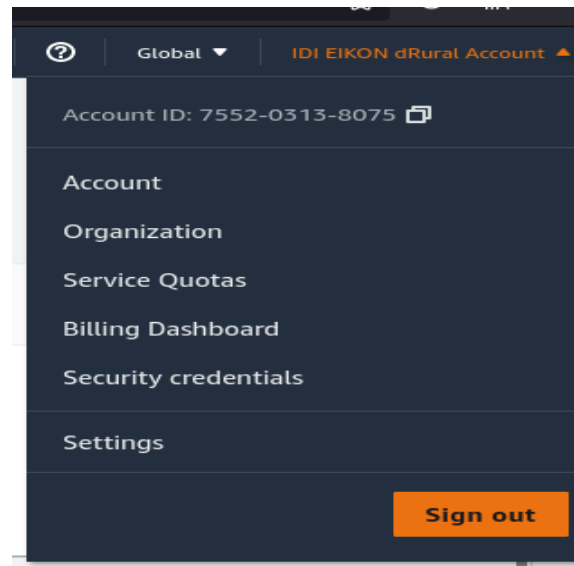
Consolidated billing 

Tax settings



1.5 Receive Budget Alerts

You can setup cost based warnings too. Here are the steps to create a new budget alert that can help you detect any anomalous resource usage in your account.




- 1) Login with your AWS account and go to right top menu. Go to “Billing Dashboard”

Cost Management

Cost Explorer

Budgets

Budgets Reports

Savings Plans 



- 2) In the left menu go to “Budgets”

Start tracking your AWS costs and usage

Once you have a budget created, AWS Budgets allows you to create budgets, forecast spend, and take action on your costs and usage from a single location.

Create a budget

- 3) Click in “Create a budget”
- 4) Select recommended “Cost budget”.

Budget types

Cost budget - Recommended

Monitor your costs against a specified dollar amount and receive alerts when your user-defined thresholds are met. Using cost budgets, the budgeted amount you set represents your expected cloud spend. For example, you can set a cost budget for a business unit and then add additional parameters such as the associated member accounts.



- 5) Create a monthly recurring fixed budget for all AWS services like this one with your expected limit in dollars and click Next.



Details

Budget name
Provide a descriptive name for this budget.

Names must be between 1-100 characters.

Set budget amount

Period
Daily budgets do not support enabling forecasted alerts, or daily budget planning.

Monthly

Budget renewal type

☒ **Recurring budget**
Recurring budgets renew on the first day of every monthly billing period.

☐ **Expiring budget**
Expiring monthly budgets stop renewing at the end of the selected expiration month.

Start month

May 2022

Budgeting method [Info](#)

Fixed
Create a budget that tracks against a single monthly budgeted amount.

Enter your budgeted amount (\$)
Last month's cost: 100.00

Budget scope

[Info](#)

Add filtering and use advanced options to narrow the set of cost information tracked as part of this budget

Scope options

☒ **All AWS services (Recommended)**
Track any cost incurred from any service for this account as part of the budget scope

☐ **Filter specific AWS cost dimensions**
Select specific dimensions to budget against. For example, you can select the specific service "EC2" to budget against.

► Advanced options

Cancel

Previous

Next



- 6) Add an alert that will warn you if usage is close to hit your monthly budget limit. Put threshold and email addresses as you like and the other fields like this:

▼ Alert #1

Remove

Set alert threshold

Threshold

When should this alert be triggered?

80

▼

% of budgeted amount

▼

Trigger

How should this alert be triggered?

Actual

▼

Summary: When your actual cost is greater than 80.00% (\$80.00) of your budgeted amount (\$100.00), the alert threshold will be exceeded.

Notification preferences - *Optional*

Select one or more notification preferences to receive alerts.

Email recipients

Specify the email recipients you want to notify when the threshold has exceeded.

drural@ideikon.com

Maximum number of email recipients is 10.

► Amazon SNS Alerts [Info](#)

► Amazon Chatbot Alerts

