AnyNet Secure Cellular Connectivity Sign-up process

This document details how to sign up for the AnyNet Secure Cellular Connectivity through AWS Marketplace.

The AnyNet Secure Cellular Connectivity SaaS product combines with an Eseye AnyNet Secure SIM card to provide connectivity in over 75 countries and billed through your AWS account. For more information on how the AnyNet Secure Cellular Connectivity combines with the AWS IoT cloud see: https://www.youtube.com/watch?v=bDXk-yCoxxo

To complete this user guide you require:


1. AWS Marketplace Product Listing

To sign up to the service navigate to: https://aws.amazon.com/marketplace/pp/B073S37V78
Or on the AWS marketplace (https://aws.amazon.com/marketplace), search Eseye and click on the product.

Read through the product listing and click the highlighted ‘Continue’ button on the right side.
2. AWS Marketplace Subscribe page

The Subscribe page will appear.

To subscribe to the SaaS product click on the highlighted ‘subscribe’ button on the right side.

3. AWS Marketplace Congratulations

The ‘Congratulations! You are now subscribed!’ dialogue box will appear.

Click the highlighted ‘Set Up Your Account’ button to continue.
4. AnyNet Secure Sign Up

The ‘AnyNet Secure Sign up’ page will appear.

This sign up process is NOT for your AWS login details. This process creates login details for the Eseye SIAM portal. The Eseye SIAM portal provides optional SIM management functions on top of your AWS IoT Console.

Complete the form, following the on screen guides and press the highlighted ‘Sign up’ button.

5. Verification Email

The ‘Verification Email’ page will appear.

The verification email will be sent from the email address: no-reply@verificationemail.com with the subject: Eseye AnyNet Secure Verification Code.

If you cannot find the email please check your Spam/Junk folder.
6. Welcome page part 1

The ‘Welcome’ page will appear.

Some permission changes are required to the Resources and IAM permissions within your AWS account. These changes allow the automatic and seamless provisioning of certificates to your devices.

CloudFormation is used to make these changes, information on how these changes will be made is found in the CloudFormation link.

These changes include:

- **CloudWatch Event Rules** - Rules for the CreateThing and DeleteThing API calls
- **Lambda functions** - The Lambdas are invoked when the CloudWatch Rules are activated

**AnyNetSecurePushCertificateToSIM Lambda**

This Lambda is invoked on AWS IoT Thing creation. It creates and attaches the certificate and policy to the newly created IoT Thing.

This certificate is then automatically sent to Eseye and onto the AnyNet Secure SIM.

**AnyNetSecureTerminateSIM**

This Lambda is invoked on AWS IoT Thing deletion. It is responsible for the deletion of the Thing's attached certificate and policy.

Please note, this Lambda is only used when deleting the IoT Thing in the AWS IoT Console.

Click on the ‘AnyNet Secure CloudFormation stack’ link. You will need to refer back to this page during the process.
7. CloudFormation Create IAM stack

The CloudFormation Create Stack page will appear.

The Details > Stack Name is preselected as ‘anynet-secure-iam-stack’.

In the top taskbar on the right ensure the Region selected is the one you will be using for your IoT applications.

In the Parameters > ChosenRegion section select the region you will be using for your IoT applications.

In the Parameters > ExternalId box copy the alphanumeric string from instruction 4 on the Welcome page.

Under Capabilities check the box to agree to: ‘I acknowledge that AWS CloudFormation might create IAM resources’.

After all of boxes are filled click the ‘Create’ button in the bottom right.
8. CloudFormation IAM Stack Detail

The CloudFormation Stacks > Stack Detail will appear.

Initially the status will display CREATE_IN_PROCESS (in orange) as highlighted.

It will take a short time for the IAM stack to be processed.

To check if the process is complete refresh the page.
When the IAM stack has been processed and the page refreshed the status will display: CREATE_COMPLETE (in green). If this is not successful please contact Eseye using the details at the end of this guide.

Copy the highlighted Value found in the Outputs > Key > AnyNetSecureTrustRoleArn into the Welcome page Role Arn box.

Copy the highlighted Value found in the Outputs > Key > AwsAccountId into the Welcome page AWS Account Id box.

9. Welcome page part 2
On the ‘Welcome’ page fill the following boxes:

Role Arn: from the anynet-secure-iam-stack page above copy the Value found at Outputs > Key > AnyNetSecureTrustRoleArn.

AWS Account Id: from the anynet-secure-iam-stack page above copy the Value found in the Outputs > Key > AwsAccountId.

Region: select the region to match where your AWS cloud instance is located for your IoT deployments.

Click the ‘launch’ button at the bottom of the page.
10. **AnyNet Resources part 1**

The ‘AnyNet Secure Resources’ page will appear.

Click on the ‘AnyNet Secure CloudFormation resource stack’ link. Ensure this opens in a new tab or window, you will need to refer back to this page to complete the process.
11. CloudFormation Resources Create Stack

The CloudFormation Create Stack page will appear.

All of the details are completed.

Under Capabilities check the box to agree to: ‘I acknowledge that AWS CloudFormation might create IAM resources with custom names’.

Click the ‘Create’ button in the bottom right.
12. **CloudFormation Resources Stack Detail**

   The CloudFormation Stacks > Stack Detail will appear.

   Initially the status will display CREATE_IN_PROCESS (in orange).

   It will take a short time for the resource stack to be processed.

   To check if the process is complete refresh the page.

   When the resource stack has been processed and the page refreshed the status will display: CREATE_COMPLETE (in green). If this is not successful please contact Eseye using the details at the end of this guide.
13. AnyNet Secure Resources part 2

Switch windows to go back to the ‘AnyNet Secure Resources’ page.

Click the ‘Completed’ button at the bottom.
14. Thank You

The Thank You page will appear

Your AWS account is now set up and ready for the AnyNet Secure Cellular Connectivity.

If you need to purchase SIM cards visit: https://www.amazon.com/s?me=A2IVBJHFZB879Q

For help to set up your AWS IoT Device Gateway visit: https://aws.amazon.com/iot-platform/how-it-works/


Eseye Support

Telephone
USA: +1 484-935-3130
UK / RoW: +44 1483 802503

Email: support@eseye.com