

How to create Stack with AWS CloudFormation- Ingram Micro Unified Support

Introduction

As part of your onboarding to the Ingram Micro Unified Support - AWS Program, it's essential to deploy a CloudFormation stack in your AWS account. This stack enables Ingram Micro to provide secure, compliant, and effective support services tailored to your AWS environment. This article explains the purpose of the stack, why it's required, and how to deploy it correctly to ensure uninterrupted support.

Why Do I Need to Deploy the CloudFormation Stack?

Deploying the CloudFormation stack is a mandatory step to activate your Ingram Micro Unified Support benefits. The stack sets up the necessary IAM roles and permissions that allow Ingram Micro to securely access your AWS account for support purposes.

Without this stack:

- Ingram Micro cannot access your account to provide support.
- Support requests may be delayed or blocked.
- Your account may not meet the AWS requirements for Ingram Micro Unified Support.

By deploying the stack, you ensure:

- A seamless support experience.
- Compliance with AWS operational and security standards.
- Faster resolution of support cases.

Process

1. Access the AWS Console: [Amazon Web Services Sign-In](#)
2. Enter your credentials, including your 12-digit AWS Account ID, IAM username, and password.
3. After successfully logging into the AWS Console, please paste the following URL into your browser: <https://console.aws.amazon.com/cloudformation/home?region=us-east-1#/stacks/quickcreate?templateURL=https://ingrammicro-awspls-artifactfiles.s3.us-east-1.amazonaws.com/IngramMicroPLSRoles.yml&stackName=IngramMicroPLSRolesStack>
4. Users who are logged in will be presented with the following page:

Quick create stack

Template
 Template URL
<https://ingrammicro-awslogs-artifacts.s3.us-east-1.amazonaws.com/IngramMicroPLSRoles.yml>
 Stack description
 -
 ▶ View template

Provide a stack name
 Stack name

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

Parameters
 Parameters are defined in your template and allow you to input custom values when you create or update a stack.
 No parameters
 There are no parameters defined in your template

Tags - optional
 Tags (key-value pairs) are used to apply metadata to AWS resources, which can help in organizing, identifying, and categorizing those resources. You can add up to 50 unique tags for each stack.
 No tags associated with the stack.
 Add new tag
 You can add 50 more tags

Permissions - optional
 Specify an existing AWS Identity and Access Management (IAM) service role that CloudFormation can assume.

IAM role - optional
 Choose the IAM role for CloudFormation to use for all operations performed on the stack.

▶ Stack failure options

Additional settings
 You can set additional options for your stack, like notification options and a stack policy. [Learn more](#)

▶ Stack policy - optional
 Defines the resources that you want to protect from unintentional updates during a stack update.

▶ Rollback configuration - optional
 Specify alarms for CloudFormation to monitor when creating and updating the stack. If the operation breaches an alarm threshold, CloudFormation rolls it back.

▶ Notification options - optional
 Specify a new or existing Amazon Simple Notification Service topic where notifications about stack events are sent.

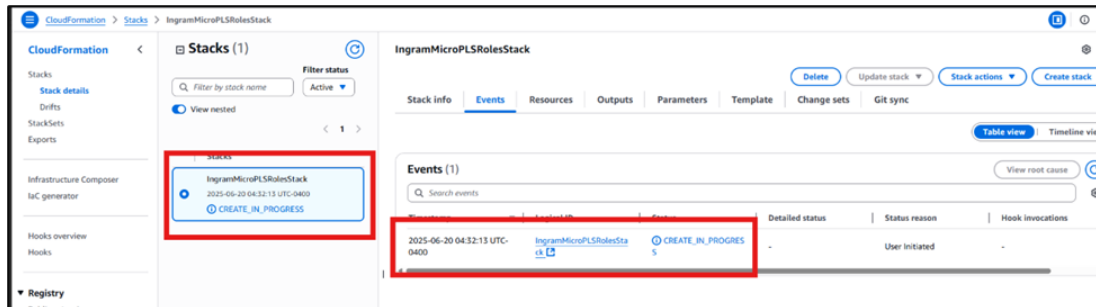
▶ Stack creation options - optional
 Specify the timeout and termination protection options for stack creation.

Capabilities

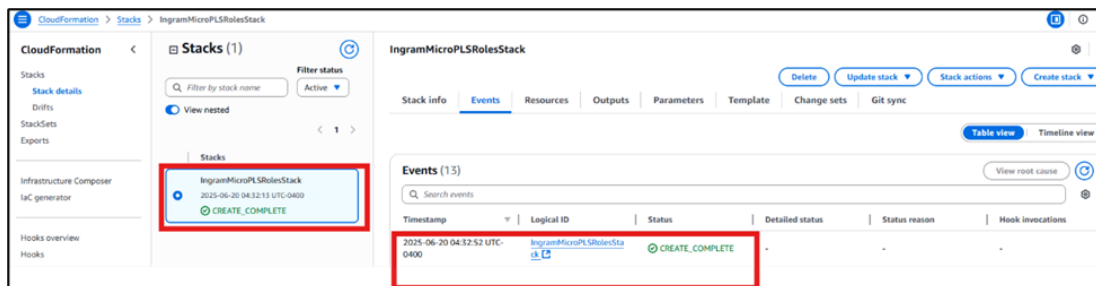
ⓘ The following resource(s) require capabilities: [AWS::IAM::Role]
 This template contains Identity and Access Management (IAM) resources. Check that you want to create each of these resources and that they have the minimum required permissions. In addition, they have custom names. Check that the custom names are unique within your AWS account. [Learn more](#)

☒ I acknowledge that AWS CloudFormation might create IAM resources with custom names.

5. Scroll down to the Capabilities section and check the “I acknowledge that AWS CloudFormation might create IAM resources with custom names.” (Please be advised: Do not make any modifications on this page)
6. Click on "Create Stack" located in the bottom right-hand corner.



7. Once Stack is created, you will see this



Please be advised:

In order to enhance the protection of our partners and customer base, and to align with the best practices established by AWS, Ingram Micro is implementing new Stack requests directed towards end customers. It is imperative that the stack is created using the prescribed method to ensure comprehensive support for our customers. Should the setup deviate from our guidelines, we will not have the necessary access to the account and, regrettably, will be unable to provide assistance, despite our willingness to help.