aws

DevOps 90%

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METWALLY LABS

CLOUD NATIVE BASE CAMP

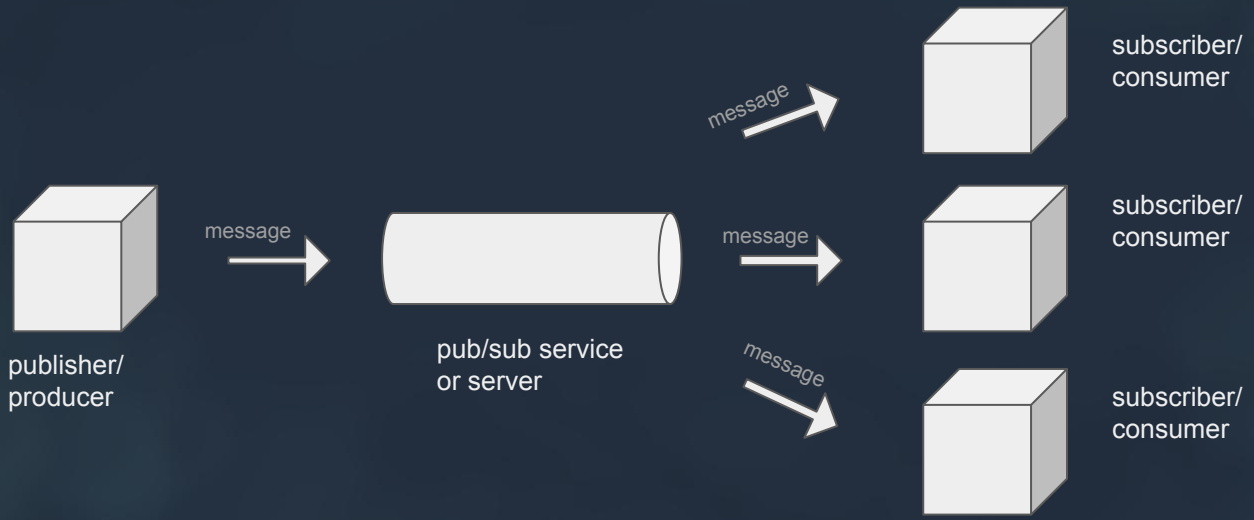
SNS

Simple Notification Service

Amazon Simple Notification Service

Pub/sub messaging for microservices and serverless applications.

pub/sub
publish/subscribe
produce/consume



pub/sub
publish/subscribe
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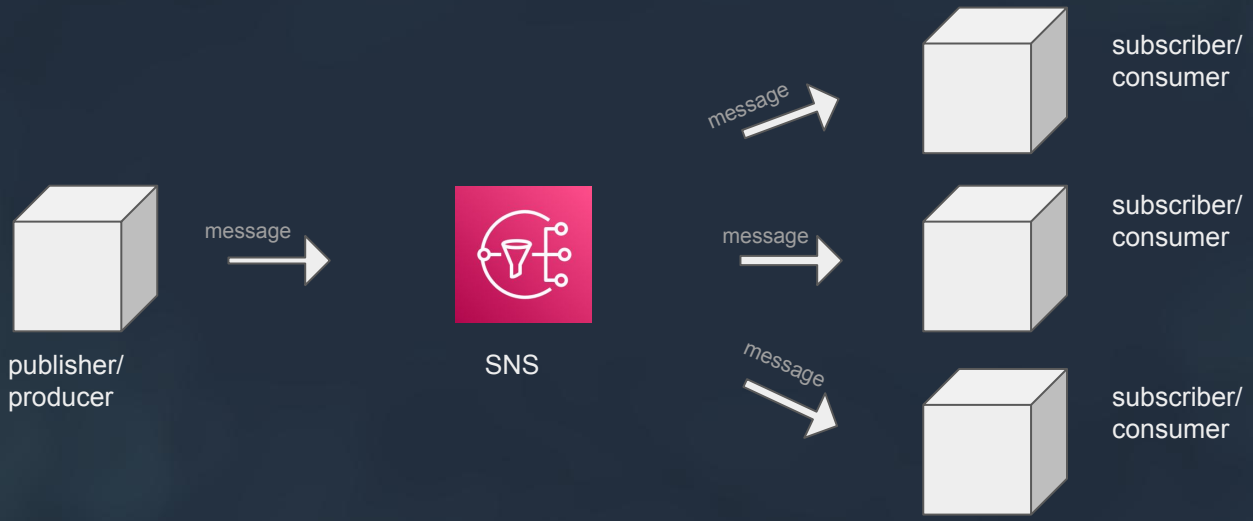
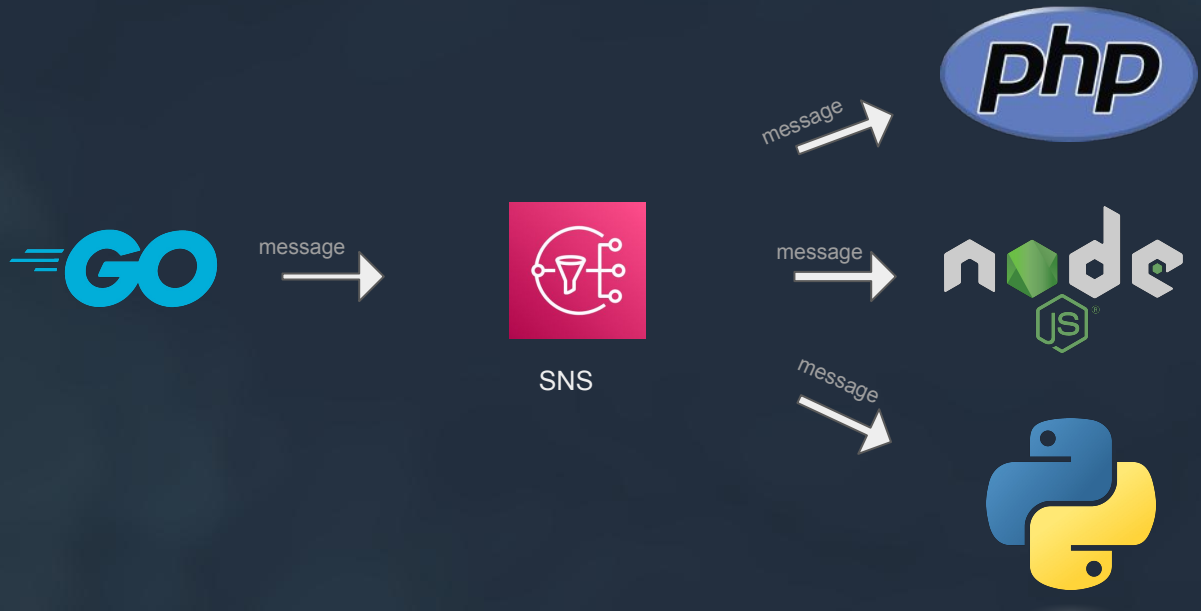


Application to Application (A2A)



Application to Application (A2A)

publish to SNS topic

```php
require 'vendor/autoload.php';
use Aws\Sns\SnsClient;
use Aws\Exception\AwsException;

$SnSclient = new SnsClient([ 'profile' => 'default', 'region' => 'us-east-1', 'version' =>
'2010-03-31' ]);

$message = 'This message is sent from a Amazon SNS code sample.';
$topic = 'arn:aws:sns:us-east-1:111122223333:MyTopic';

try {
      $result = $SnSclient->publish([ 'Message' => $message, 'TopicArn' => $topic, ]);
      var_dump($result);
} catch (AwsException $e) {
      error_log($e->getMessage());
}
```

Application to Application (A2A)

subscribe to SNS topic

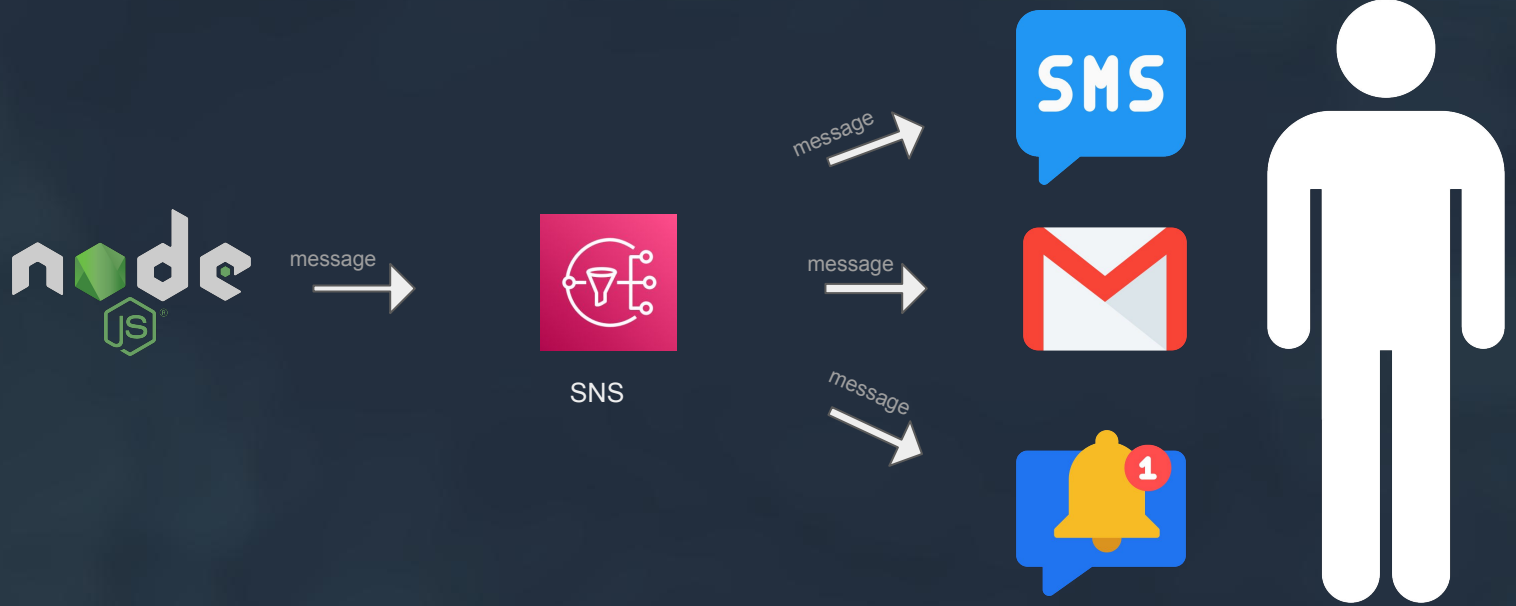
```
require 'vendor/autoload.php';
use Aws\Sns\SnsClient;
use Aws\Exception\AwsException;

$SnSclient = new SnsClient([ 'profile' => 'default', 'region' => 'us-east-1', 'version' =>
'2010-03-31' ]);

$protocol = 'https';
$endpoint = 'https://';
$topic = 'arn:aws:sns:us-east-1:111122223333:MyTopic';

try {
     $result = $SnSclient->subscribe([ 'Protocol' => $protocol, 'Endpoint' => $endpoint,
'ReturnSubscriptionArn' => true, 'TopicArn' => $topic, ]);
     var_dump($result);
} catch (AwsException $e) { error_log($e->getMessage()); }
```

Application to Person (A2P)



Application to Person (A2P)

send sms

```php
require 'vendor/autoload.php';
use Aws\Sns\SnsClient;
use Aws\Exception\AwsException;

$SnSclient = new SnsClient([ 'profile' => 'default', 'region' => 'us-east-1', 'version' =>
'2010-03-31' ]);

$message = 'This message is sent from a Amazon SNS code sample.';
$phone = '+1XXX5550100';

try {
      $result = $SnSclient->publish([ 'Message' => $message, 'PhoneNumber' => $phone, ]);
      var_dump($result);
} catch (AwsException $e) {
      error_log($e->getMessage());
}
```