

```
+++ title = "Provision CloudWatch" description = "Guide for provisioning
CloudWatch" weight = 400 aliases = ["/docs/grafana/latest/datasources/cloudwatch"]
+++
```

## Provision CloudWatch data source

You can configure the CloudWatch data source by customizing configuration files in Grafana's provisioning system. To know more about provisioning and learn about available configuration options, refer to the [Provisioning Grafana]({{<relref "../administration/provisioning/#datasources" >}}) topic.

Here are some provisioning examples for this data source.

### Using AWS SDK (default)

```
apiVersion: 1
datasources:
- name: CloudWatch
  type: cloudwatch
  jsonData:
    authType: default
    defaultRegion: eu-west-2
```

### Using credentials' profile name (non-default)

```
apiVersion: 1
datasources:
- name: CloudWatch
  type: cloudwatch
  jsonData:
    authType: credentials
    defaultRegion: eu-west-2
    customMetricsNamespaces: 'CWAgent,CustomNameSpace'
    profile: secondary
```

### Using accessKey and secretKey

```
apiVersion: 1
datasources:
- name: CloudWatch
  type: cloudwatch
  jsonData:
    authType: keys
    defaultRegion: eu-west-2
```

```
secureJsonData:
  accessKey: '<your access key>'
  secretKey: '<your secret key>'
```

## Using AWS SDK Default and ARN of IAM Role to Assume

```
apiVersion: 1
datasources:
- name: CloudWatch
  type: cloudwatch
  jsonData:
    authType: default
    assumeRoleArn: arn:aws:iam::123456789012:root
    defaultRegion: eu-west-2
```