



AWS Config

As an AWS environment grows larger in size and starts integrating more and more components and services within itself, managing the different settings and configurations of all the different resources does become quite a bit of a hassle. In order to make said tasks easier, Amazon launched the AWS Config service.

AWS Config (short for AWS Configurations) is a service that allows us to assess, audit and evaluate the configurations (and configuration changes) of different AWS resources within our account, presenting the information to us in a relatively consistent format.

It also allows us to govern over our resources in other ways by providing us with ways to define rules to for example, detect improperly tagged resources or check if a certain setting has been enabled. In fact, the rules defined by us, (called AWS Config custom rules) are often used as invocation sources for Lambda functions, an example of which will be provided in a later section.

Also, AWS Config is automatically utilized by AWS Control Tower for its functioning, a service used when managing an AWS environment that has resources spread across multiple accounts. AWS Config Resources automatically created by AWS Control tower can be easily identified using the `aws-control-tower` tag alongside the `managed-by-control-tower` value. Certain sub-features of the AWS Config service also aid in maintaining the security of AWS resources and will be touched upon in a future section.