

# Formação AWS Cloud Foundations

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# Conteúdo Programático

## ❑ Módulo 8: Gerenciamento e Governança na AWS

- AWS CloudWatch
- AWS CloudTrail
- AWS Cloudformation
- AWS Identity and Access Management (IAM)
- **AWS Policies e Roles**
- AWS Well-Architected Framework
- AWS CAF – Cloud Adoption Framework

# Gerenciamento e Governança na AWS

AWS Policies e Roles

# AWS Policies e Roles

O que vem a ser AWS Policies e onde aplicar?

Primeiramente nós temos que entender que Policies são POLÍTICAS e estas políticas são documentos que definem permissões para usuários, grupos e roles na AWS.

O formato, a especificação das politicas são escritas em JSON.

# AWS Policies e Roles



```
{  
    "Version": "2012-10-17",  
    "Statement": [  
        {  
            "Sid": "FullAccess",  
            "Effect": "Allow",  
            "Action": ["s3:*"],  
            "Resource": ["*"]  
        },  
        {  
            "Sid": "DenyCustomerBucket",  
            "Action": ["s3:*"],  
            "Effect": "Deny",  
            "Resource": ["arn:aws:s3:::customer", "arn:aws:s3:::customer/*"]  
        }  
    ]  
}
```

# AWS Policies e Roles

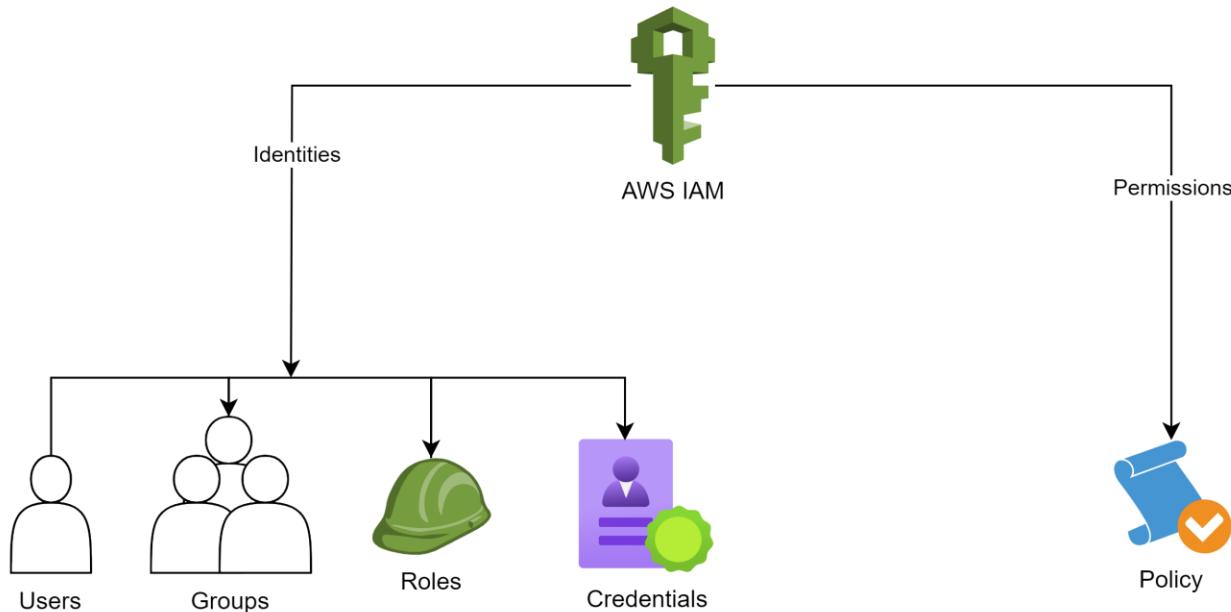
JSON é o documento que definimos as políticas de permissões

Identity Policy: é a política de identidade anexada a um grupo, função ou usuário.

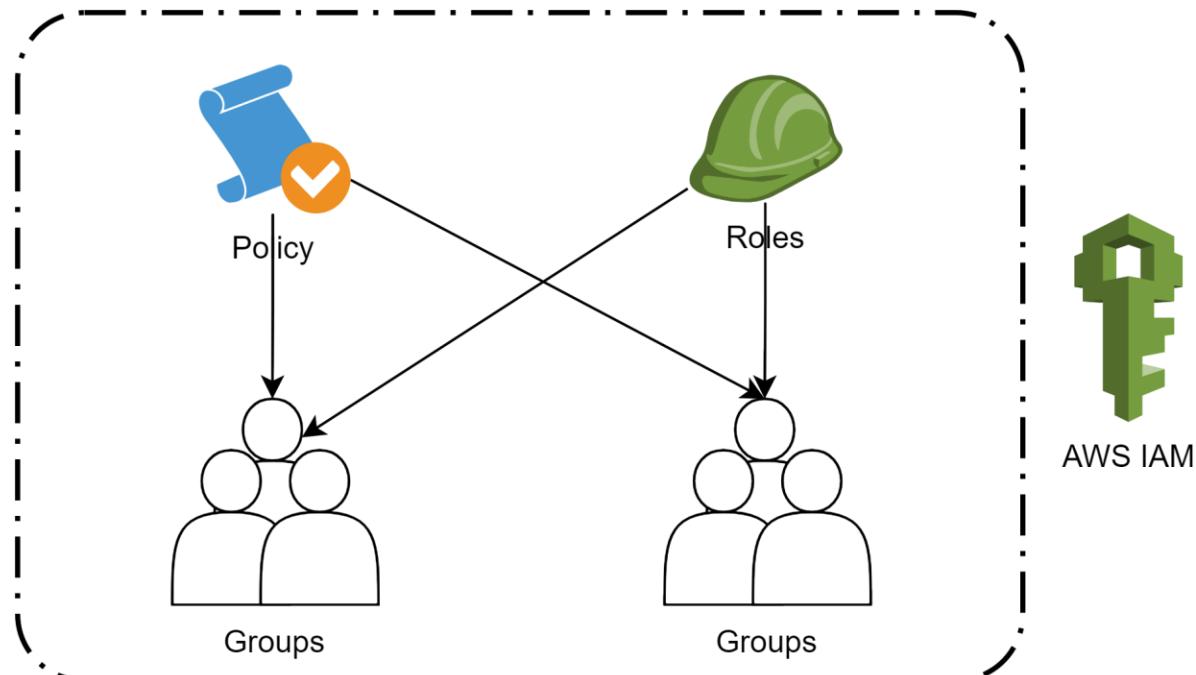


```
{  
    "Version": "2012-10-17",  
    "Statement": [  
        {  
            "Sid": "FullAccess",  
            "Effect": "Allow",  
            "Action": ["s3:*"],  
            "Resource": ["*"]  
        },  
        {  
            "Sid": "DenyCustomerBucket",  
            "Action": ["s3:*"],  
            "Effect": "Deny",  
            "Resource": ["arn:aws:s3:::customer", "arn:aws:s3:::customer/*"]  
        }  
    ]  
}
```

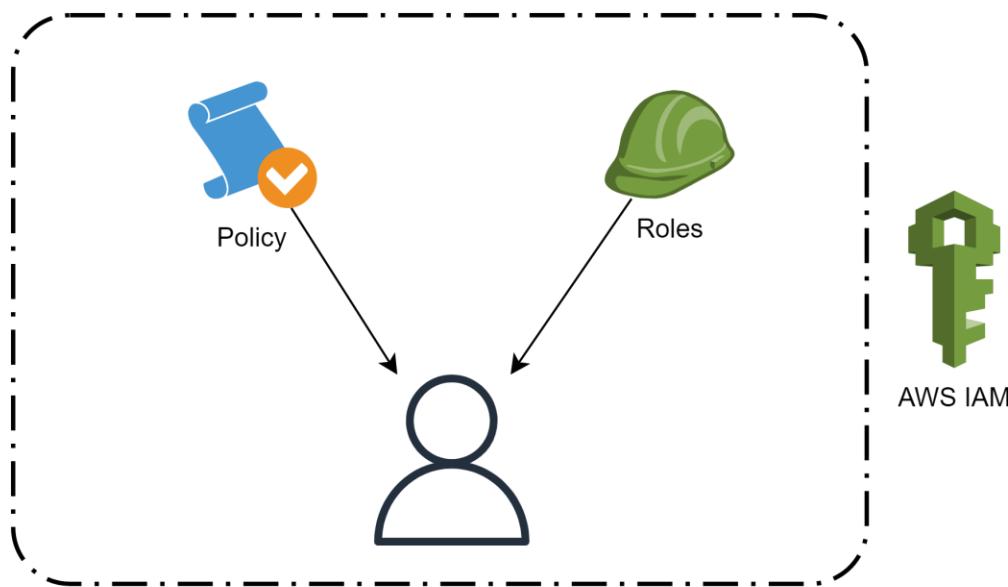
# AWS Policies e Roles



# AWS Policies e Roles



# AWS Policies e Roles



# AWS Policies e Roles

```
{  
  "Version": "2012-10-17",  
  "Statement": [  
    {  
      "Sid": "ListObjectsInBucket",  
      "Effect": "Allow",  
      "Action": ["s3>ListBucket"],  
      "Resource": ["arn:aws:s3:::bucket-name"]  
    }  
  ]  
}
```

# AWS Policies e Roles

```
{  
  "Version": "2012-10-17",  
  "Statement": [  
    {  
      "Sid": "ListObjectsInBucket",  
      "Effect": "Allow",  
      "Action": ["s3>ListBucket"],  
      "Resource": ["arn:aws:s3:::bucket-name"]  
    },  
    {  
      "Sid": "AllObjectActions",  
      "Effect": "Allow",  
      "Action": "s3:*Object",  
      "Resource": ["arn:aws:s3:::bucket-name/*"]  
    }  
  ]  
}
```