

Set the Security Group

Aug 2017

When creating an EC2 Instance manually, we will always be assigned one default security group. A security group is like a set of firewall rules. By default an EC2 instance will not accept any incoming IP traffic, so we need to start to add rules to our security group to allow this.

Below is an example of some security groups. Remember, the default security group "launch-wizard-1" is automatically created when you manually create an EC2 Instance.

Create Security GroupActions

Filter by tags and attributes or search by keyword1 to 3 of 3

| | Name | Group ID | Group Name | VPC ID | Description |
|--------------------------|------|-------------|-----------------|--------------|---|
| <input type="checkbox"/> | | sg-399ece50 | launch-wizard-1 | vpc-50f86f39 | launch-wizard-1 created 2017-07-27T08:56:04.585+01:00 |
| <input type="checkbox"/> | | sg-4ff0a126 | default | vpc-50f86f39 | default VPC security group |

I believe the security group can be referenced in the Terraform script by either it's group name or its group ID.

Below we can see the contents of the security group launch-wizard-1.

Edit inbound rules

| Type | Protocol | Port Range | Source | |
|------|----------|------------|------------------|---|
| HTTP | TCP | 80 | Custom 0.0.0.0/0 | ✕ |
| HTTP | TCP | 80 | Custom :::/0 | ✕ |
| SSH | TCP | 22 | Custom 0.0.0.0/0 | ✕ |

Add Rule

NOTE: Any edits made on existing rules will result in the edited rule being deleted and a new rule created with the new details. This will cause traffic that depends on that rule to be dropped for a very brief period of time until the new rule can be created.

Cancel Save

By default, only the SSH rule is added, I added the two HTTP rules as my EC2 Instance is a web server, and without port 80 it's pretty useless.

In the script, my security group setting will be:

```
security_groups= ["launch-wizard-1"]
```

From:

<http://cameraangle.co.uk/> - WalkerWiki - wiki.alanwalker.uk

Permanent link:

http://cameraangle.co.uk/doku.php?id=set_the_security_group&rev=1501882093

Last update: 2023/03/09 22:35

