

# Step 1

From the AWS *region* selector *in* the navigation bar (top right corner), choose the US East 1 (**N. Virginia**) Region. **Click Here** to go to AWS IoT Console we will select Policies under the Secure option from the Sidebar and click Create (top right corner).

The screenshot shows the AWS IoT console interface. At the top, the navigation bar includes the AWS logo, 'Services', 'Resource Groups', a notification bell, the region selector 'N. Virginia' (highlighted with a red box), and 'Support'. The left sidebar contains the 'AWS IoT' logo and a list of menu items: Monitor, Onboard, Manage, Greengrass, **Secure** (highlighted with a red box), Certificates, **Policies** (highlighted with a red box), CAs, Role Aliases, Authorizers, Defend, Act, Test, Software, Settings, and Learn. The main content area is titled 'Policies' and features a search bar labeled 'Search policies' with a magnifying glass icon. To the right of the search bar are a 'Create' button (highlighted with a red box), a help icon, and a 'Card' dropdown menu. Below the search bar, three policy cards are displayed: 'policy\_test', 'edXPolicy', and 'MyRaspberryPi-Policy', each with a three-dot menu icon in the top right corner.

## Step 2

In the next step, we will give a name (e.g ESP32Policy), under **Action** copy-paste the following; **iot:Publish, iot:Connect, iot:Subscribe, iot:Receive** . Under **Resource ARN** put **\***; under **Effect** mark **allow** and click **Create** to provision the policy

### Create a policy

Create a policy to define a set of authorized actions. You can authorize actions on one or more resources (things, topics, topic filters). To learn more about IoT policies go to the [AWS IoT Policies documentation page](#).

Name

### Add statements

Policy statements define the types of actions that can be performed by a resource.

Advanced mode

Action

Resource ARN

Effect

 Allow  Deny

Remove

Add statement

Create