

Lambda installation instructions

IAM POLICY

1. Create a new IAM Policy using [this](#) link by selecting the JSON option and copying the 'blstsecurity-traffic-mirroring-policy' file.
2. Press 'next' until you get to the Review stage.
3. As the policy name, enter 'blstsecurity-traffic-mirroring-policy' and then press 'Create Policy'.

IAM ROLE

4. Create a new IAM Role using [this](#) link by selecting the Lambda use case and then continue to the next stage.
5. Look for the policy you created in the previous stage (blstsecurity-traffic-mirroring-policy) and tick it's checkbox.
6. Press 'next' until you get to the Create Role stage
7. As the role name, enter 'blstsecurity-traffic-mirroring-role' and then press 'Create Role'.

LAMBDA

8. Go into the Lambda interface using [this](#) link.
9. Go to the Functions page and press 'Create Function'.
10. As the lambda name, enter 'blstsecurity-traffic-mirroring'.
11. As the runtime, select 'Python 3.8'.
12. Press 'Change default execution role', pick the 'Use an existing role' option and then select the role you created in the previous step (blstsecurity-traffic-mirroring-role).
13. Press 'Create Function'.
14. After the lambda has been created, navigate to it and then select 'Configuration'.
15. Inside Configuration go to 'General Configuration', press 'Edit' and change the Timeout to 30 seconds.
16. Go to 'Environment Variables', press 'Edit' and add 3 variables:
BLSTSECURITY_ACCOUNT with the value xxxxxxxxxxxx
BLSTSECURITY_ROUTE_DESTINATION with the value xx.xx.xx.xx/x

SOURCE_INSTANCE_ID with value of YOUR EC2 instance (looks like i-xxxxxxxxxx).

17. Go back to the 'Code' page and press 'Upload from' -> '.zip file' and pick the blstsecurity-traffic-mirroring.zip file we sent you.
18. Press 'Test' on the lambda function you created, under the 'Execution result' tab you should see the sentence 'Wait until blstsecurity will accept the transit gateway attachment and then run the lambda again', and under the 'Function Logs' you should see something like 'Your CIDR Block is: xx.xx.xx.xx/x' - send this CIDR Block number to us and wait for our confirmation before continuing to the next step.
19. After our confirmation, Test you lambda again. This time' you should see the sentence 'Traffic mirroring integration installed successfully'.
20. If this is not the case, and you're sure that you performed all steps correctly and got our confirmation, try running the test one more time. If it still fails, contact us at support@blstsecurity.com