

AWS-First time using Lambda

原创 Big Phineas 2

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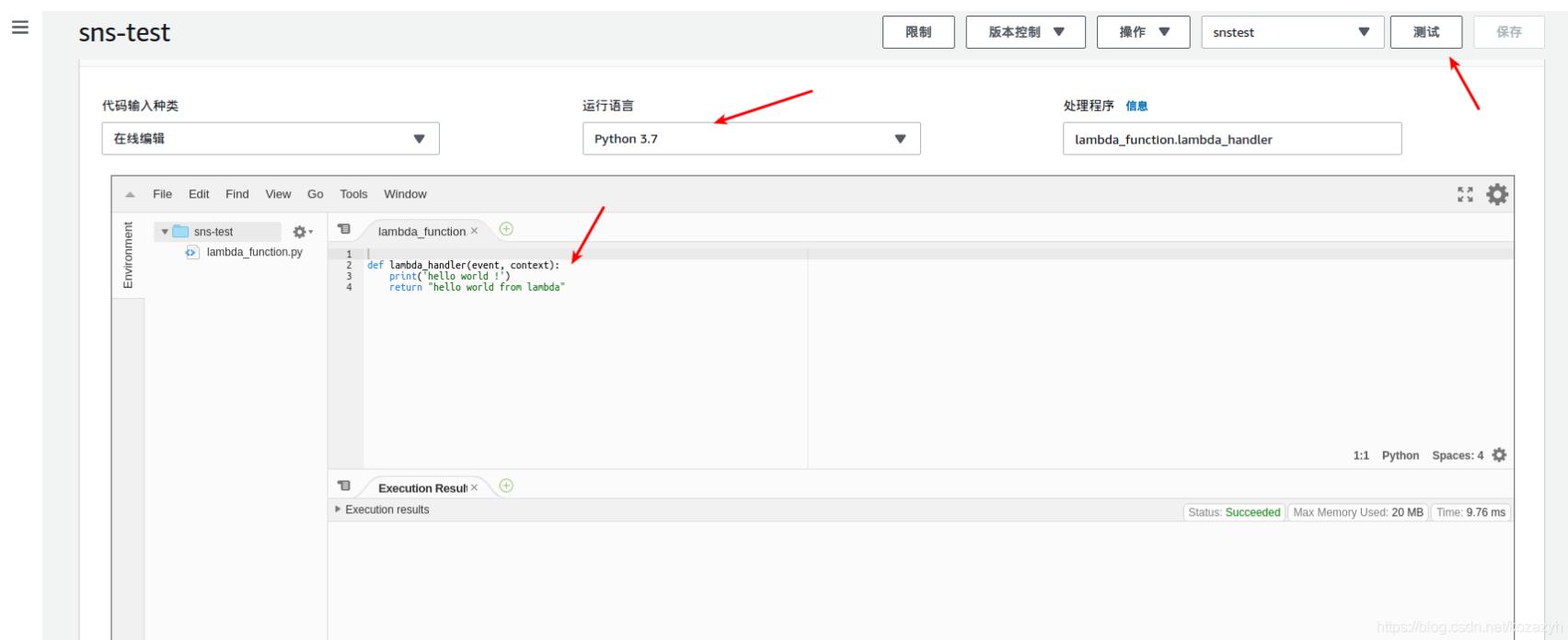
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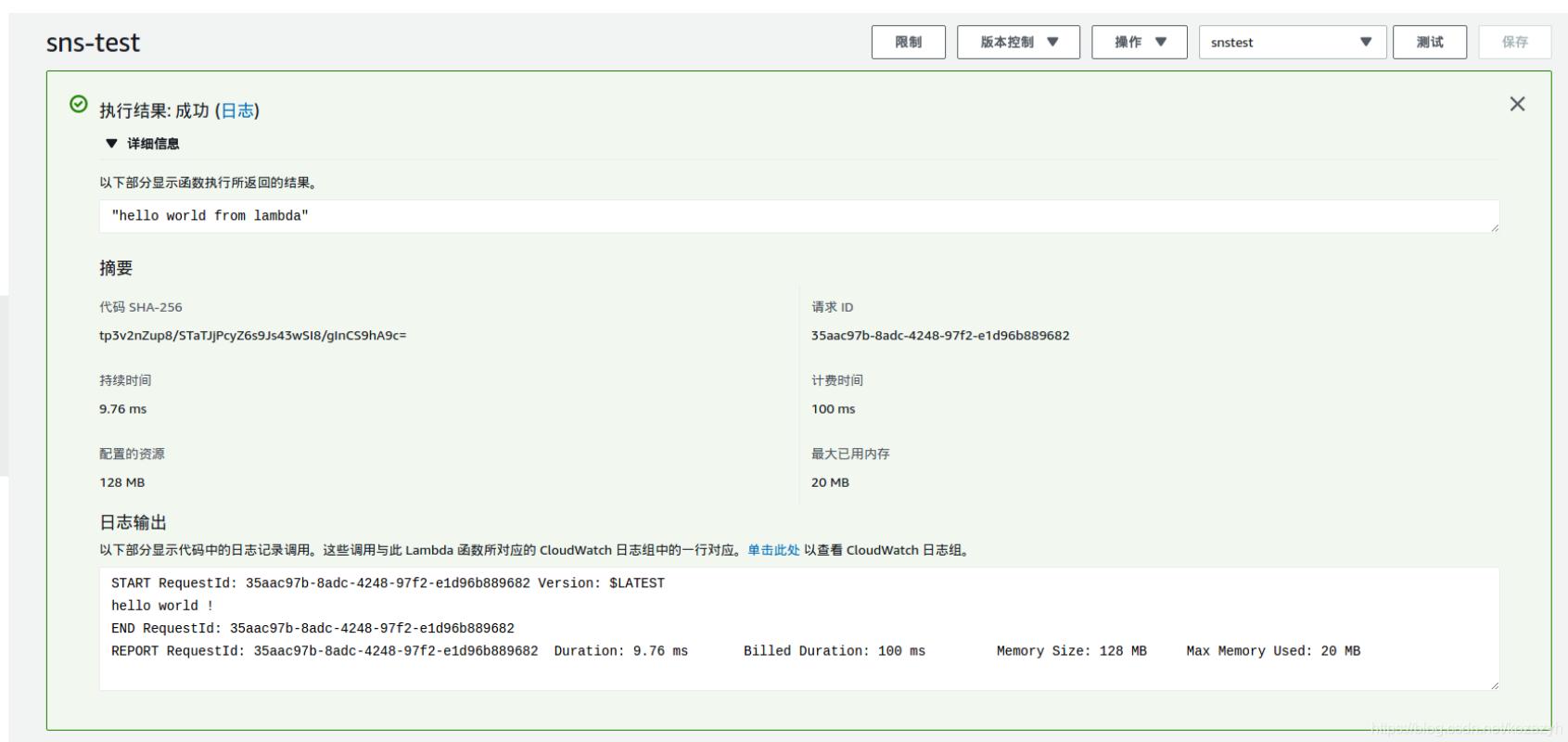
Lambda [Q](#) is a serverless and designed as an event-driven computing server. Simply put, you can upload your code when an event occurs (such as a cronjob, or a new file is uploaded to S3). Your code will be called up and executed in an instant (within a few tenths of a second). Since you don't have to worry about how the server is maintained or automatically expanded, it is called Serverless. These are all taken care of, and we only need to write the code. Can.

HelloWorld

AWS Lambda currently supports NodeJS, Go, PowerShell, Java, Python and C#. Taking Python as an example, here is the blank template of the new Function. The code entry point is here at lambda_handler(event,context).



Press Test to execute it manually. The following are the execution results:



The above is the program output. Finally, the statistics of the execution of the program are recorded. For example, it took 15ms (0.015s) to complete the process. This was executed in a small container with 128MB of memory, but only used up to 15MB, etc. .

Since it is Python 3.7, if there are Chinese strings, I am always worried that there will be UTF-8 problems that need to be solved, but as long as the encoding syntax is added, everything is normal.

cost

AWS Lambda mainly charges two fees: the number of requests, and your usage (how much RAM is there? How long did it run?)

1. Request:

We charge based on the total number of requests across all your functions. Lambda executes the function when it receives event notifications or calls (including test calls from the console), and e

¥ 1.36 per 1 million requests thereafter (¥ 0.000136 per million requests)



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the amount of memory you allocate to the function. For every GB-second used, you pay 0.000113477USD.

in

Here are the approximate prices per 100ms of usage for different memory sizes: <https://www.amazonaws.cn/lambda/pricing/>

From a literal point of view, with so many decimal places, coupled with the promotion of the free plan, it can be said to be very cheap. It is suitable for writing small services that are not large in scale and will not run for too long in a single execution.

References

[AWS Lambda pricing in China](#)

[Best practices for using AWS Lambda functions](#)

[Introduction to AWS Lambda](#)

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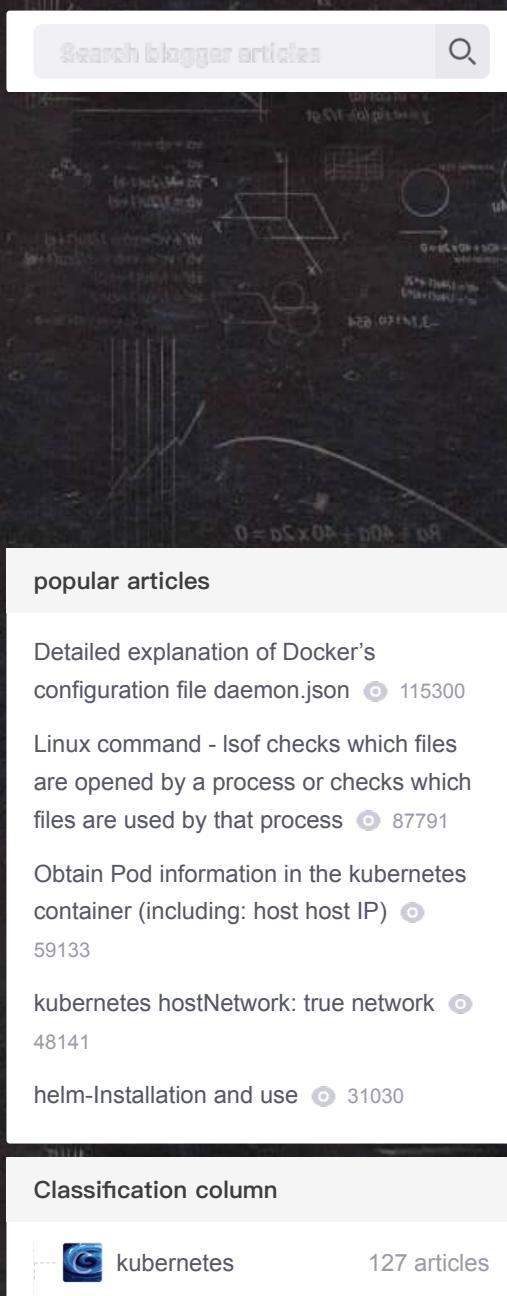
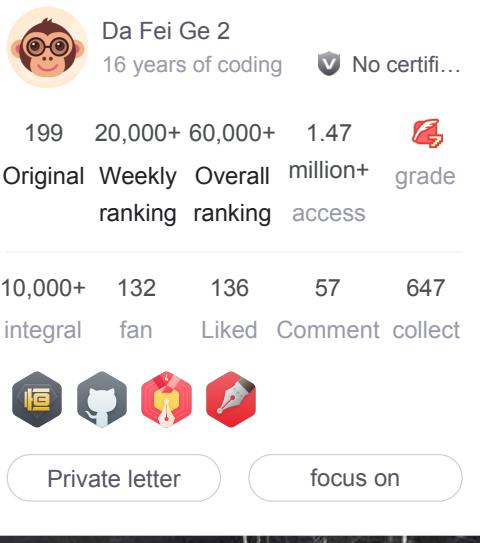
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