Dynamodb使用方法

1. 建表

右上角的Tutorial（两分钟）教你怎么设置Primary key和sort key，及简单的使用场景

Table settings里可以自己设置RCU, WCU

One write capacity unit (WCU) provides up to one write per second, enough for 2.5 million writes per month
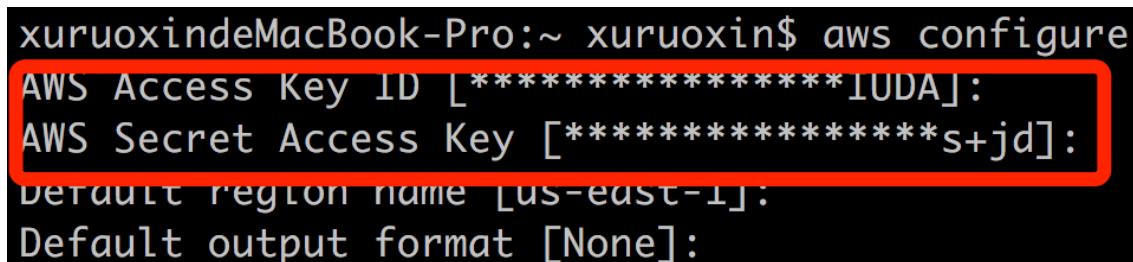One read capacity unit (RCU) provides up to two reads per second, enough for 5.2 million reads per month

Auto Scaling可以让dynamo自己调整RCU WCU, 省去计算资源和存储资源的估算(要有IAM role才能设置Auto Scaling) AutoScaling: https://docs.aws.amazon.com/amazondynamodb/latest/developerguide/AutoScaling.html

2. AWS CLI(Command Line Interface) 与Dynamodb 交互

相关文档：https://aws.amazon.com/cli/

安装： pip3 install awscli

配置： aws configure

Access key
Secret Access Key
可以在IAM界面设置 添加Group User，每个User都有固定的这俩key 管理员可以分配相应的权限给指定User

其他命令CLI：
https://docs.aws.amazon.com/amazondynamodb/latest/developerguide/WorkingWithItems.html

3. 开发
底层接口提供多种语言：

python底层接口文档
http://boto3.readthedocs.io/en/latest/guide/dynamodb.html
https://docs.aws.amazon.com/zh_cn/amazondynamodb/latest/developerguide/GettingStarted.Python.html

写数据：
    put_item()

    当partition_key和sort_key一致时（即已经存在相同key的数据时），直接覆盖写。（浪费流量），目前数据量较小，所以线下维护了一个key的词典，来去重节省流量用。 put_item()提供over_write=false的参数避免覆盖写，但是好像不能用在batch write（没考证，即使参数有效可能也不一定能节省流量）

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I don't think there is any way to do this with DynamoDB. The batch API does not support it. It is a bug in boto that the `put_item` method of the `BatchTable` object accepts the `overwrite` parameter. If you check the code, you can see that it does nothing with that parameter. It is ignored because there is nothing that it can do with it. DynamoDB just doesn't support this. At least not yet.

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answered Jun 24 '15 at 13:04

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24.9k ●5 ●76 ●74

Not the answer I was hoping for :). I created an issue at the boto repository. – bartaelterman   Jun 24 '15 at 13:13

add a comment