**Project 1 - AWS S3 Setup**

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**Course:** SDEV 400\_6380

**Professor:** Errol Waithe

1. **(20 points) Using the AWS Management Console, create two (2) S3 buckets with DNS-compliant names of your choice. In each of the buckets create 2 folders named as follows:**

* **Jobs**
* **Support**

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Figure . Showing the two buckets created with DNS compliant names. Shah, Hiren ©.

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Figure . Showing the name of bucket (1) and the two folders created per assignment 1. Shah, Hiren ©.

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Figure . Showing name of bucket (2) and the two folders created per assignment 1. Shah, Hiren ©.

1. **(10 points) Using the AWS Management Console, copy 2 files to each of the 2 folders on s3 buckets.**

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Figure . Showing bucket (1) Jobs folder with two documents uploaded to it. Shah, Hiren ©.

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Figure . Showing bucket (1) Support folder with two documents uploaded to it. Shah, Hiren ©.

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Figure . Showing bucket (2) Jobs folder with two documents uploaded. Shah, Hiren ©.

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Figure . Showing bucket (2) Support folder with two documents uploaded. Shah, Hiren ©.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Test Case | Input | Expected Output | Actual Output | Pass/Fail |
| a | 1, hiren shah | Hirenshah and random 6 digit suffix | Hirenshah-343128 | Pass |
| b | 2, hello.txt, [aws-sdev400-shah](https://s3.console.aws.amazon.com/s3/buckets/aws-sdev400-shah?region=us-east-1) | Uploaded hello.txt to aws-sdev400-shah | Uploaded hello.txt to aws-sdev400-shah | Pass |
| c | 3, hello.txt, [aws-sdev400-shah](https://s3.console.aws.amazon.com/s3/buckets/aws-sdev400-shah?region=us-east-1) | Deleted hello.txt from aws-sdev400-shah | Deleted hello.txt from aws-sdev400-shah | Pass |
| d | 4, hirenshah-343128 | Removes bucket hirenshah-343128 | Successfully deleted hirenshah-343128 | Pass |
| e | 5, [aws-sdev400-shah](https://s3.console.aws.amazon.com/s3/buckets/aws-sdev400-shah?region=us-east-1), [aws-bucket2-sdev400-shah](https://s3.console.aws.amazon.com/s3/buckets/aws-bucket2-sdev400-shah?region=us-east-1), hello.txt | Successfully copied hello.txt from “[aws-bucket2-sdev400-shah](https://s3.console.aws.amazon.com/s3/buckets/aws-bucket2-sdev400-shah?region=us-east-1)” to “[aws-sdev400-shah](https://s3.console.aws.amazon.com/s3/buckets/aws-sdev400-shah?region=us-east-1)” | Successfully copied hello.txt from “[aws-bucket2-sdev400-shah](https://s3.console.aws.amazon.com/s3/buckets/aws-bucket2-sdev400-shah?region=us-east-1)” to “[aws-sdev400-shah](https://s3.console.aws.amazon.com/s3/buckets/aws-sdev400-shah?region=us-east-1)” | Pass |
| f | 6, [aws-sdev400-shah](https://s3.console.aws.amazon.com/s3/buckets/aws-sdev400-shah?region=us-east-1), hello.txt | Successfully downloaded hello.txt | Succesfully downloaded hello.txt to current directory | Pass |
| g | 7 | Exit program with date and time |  | Pass |

1. Created a S3 bucket with my first and last name and generating a 6-digit suffix.

Text

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Figure 8. Showing the output of the code and selecting 1. Shah, Hiren ©.

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Figure 9. Showing the new bucket created “hirenshah-343128”. Shah, Hiren ©.

1. Puts objects in a previously created bucket

Text

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Figure 10. Showing output of hello.txt file moved into bucket “aws-sdev400-shah” successfully. Shah, Hiren ©.

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Figure 11. Showing confirmation of putting hello.txt file into the corresponding bucket. Shah, Hiren ©.

1. Deletes an object in a bucket

Text

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Figure 12. Showing output of deleting hello.txt file form aws-sdev400-shah bucket. Shah, Hiren ©.

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Figure 13. Confirming that the hello.txt is now deleted from this bucket. Shah, Hiren ©.

1. Deletes a bucket

Text

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Figure 14. Successfully deleting a bucket in the output. Shah, Hiren ©.

Graphical user interface, text, application, email

Description automatically generated

Figure 15. Showing the removal of bucket hirenshah-343128. Shah, Hiren ©.

1. Copies object form one bucket to another

Text

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Figure 16. Showing output of copying file from one bucket to another. Shah, Hiren ©.

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Figure 17. Confirming the copy of hello.txt from “[aws-bucket2-sdev400-shah](https://s3.console.aws.amazon.com/s3/buckets/aws-bucket2-sdev400-shah?region=us-east-1)” to “[aws-sdev400-shah](https://s3.console.aws.amazon.com/s3/buckets/aws-sdev400-shah?region=us-east-1)” Shah, Hiren ©.

1. Downloads an existing object form a bucket

Text

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Figure 18. Output showing successful download of hello.txt. Shah, Hiren ©.

1. Exit the program with date and time

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Figure 19. Showing successfully exit of program with date and time. Shah, Hiren ©.

References