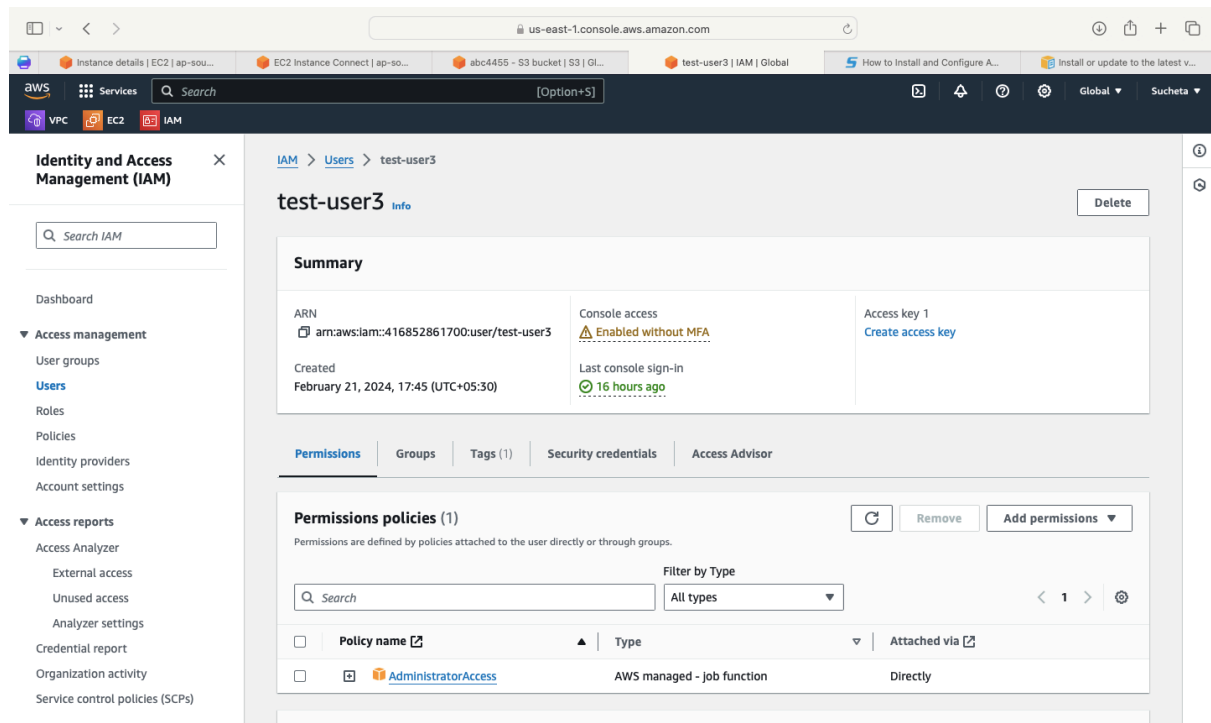


Saturday, 2 March 2024

Local machine to S3 bucket migration

Go to the IAM section in your AWS console and create a user with full administration access. Note down the Access Key Id and Access key secret provided to you after creating the user account.



Install aws cli on local machine
#brew install awscli

```

^C
devagoudapatil@192 Downloads % brew install awscli
==> Downloading https://formulae.brew.sh/api/formulae.json
curl: (6) Could not resolve host: formulae.brew.sh
Warning: formulae.json: update failed, falling back to cached version.
==> Downloading https://formulae.brew.sh/api/cask.json
####
8.1Kcurl: (28) Operation too slow. Less than 100 bytes/sec transferred the last 5 seconds

Warning: cask.json: update failed, falling back to cached version.
==> Downloading https://formulae.brew.sh/api/cask.json
##### 100.0%
==> Downloading https://ghcr.io/v2/homebrew/core/awscli/manifests/2.15.23
Already downloaded: /Users/devagoudapatil/Library/Caches/Homebrew/downloads/012a927ca3b0e596fa84c6f2ebd5491a89f18d3216050e23f8e945d70c9c0ad--awscli-2.15.23.bottle_manifest.json
==> Fetching dependencies for awscli: ca-certificates, openssl@3, mpdecimal, readline, sqlite, xz and python@3.11
==> Downloading https://ghcr.io/v2/homebrew/core/ca-certificates/manifests/2023-
Already downloaded: /Users/devagoudapatil/Library/Caches/Homebrew/downloads/13aa86e429e05d02a76085d1881eaf625091a5ac4dc7d7674c706d12ba48796a--ca-certificates-2023-12-12.bottle_manifest.json
==> Fetching ca-certificates
==> Downloading https://ghcr.io/v2/homebrew/core/ca-certificates/blobs/sha256:5c
Already downloaded: /Users/devagoudapatil/Library/Caches/Homebrew/downloads/55985d583ff92cdbc68f67ea2ba46070695997373c7f79e708dd7fa7c352265322--ca-certificates--2023-12-12.all.bottle.tar.gz
==> Downloading https://ghcr.io/v2/homebrew/core/openssl@3/manifests/3.2.1-1
Already downloaded: /Users/devagoudapatil/Library/Caches/Homebrew/downloads/ff7b6e249843882452d784a8c4e19231186230b9e485a2a284d5c1952a95ec2--openssl@3-3.2.1-1.bottle_manifest.json
==> Fetching openssl@3
==> Downloading https://ghcr.io/v2/homebrew/core/openssl@3/blobs/sha256:6f7645cf
Already downloaded: /Users/devagoudapatil/Library/Caches/Homebrew/downloads/86a534e143fa2f5f67b3c3152c3e9616f12c03327604b0b15436aa701942063--openssl@3-3.2.1.monterey.bottle.1.tar.gz
==> Downloading https://ghcr.io/v2/homebrew/core/mpdecimal/manifests/v4.0.0-1
Already downloaded: /Users/devagoudapatil/Library/Caches/Homebrew/downloads/7b63c3b34bee402298af49fac829a6682ab45ea5c9258b6fe03b5b9a083a4c4a9--mpdecimal-4.0.0-1.bottle_manifest.json
==> Fetching mpdecimal
==> Downloading https://ghcr.io/v2/homebrew/core/mpdecimal/blobs/sha256:266a3f5f1
Already downloaded: /Users/devagoudapatil/Library/Caches/Homebrew/downloads/7ee7e4f57c065a4bb4da48fb72b852a4d975518daeb47671f507aa337--mpdecimal-4.0.0.monterey.bottle.1.tar.gz
==> Downloading https://ghcr.io/v2/homebrew/core/readline/manifests/8.2.10
Already downloaded: /Users/devagoudapatil/Library/Caches/Homebrew/downloads/4dd52803319828799f1932d4c7fa8d11c667049b20a56341c0c19246a1be93b--readline-8.2.10.bottle_manifest.json
==> Fetching readline
==> Downloading https://ghcr.io/v2/homebrew/core/readline/blobs/sha256:3633328dc
Already downloaded: /Users/devagoudapatil/Library/Caches/Homebrew/downloads/fffdebe08f702650dd063146009e1bfc8352477abe30f9f57838a1d219cdfd2--readline-8.2.10.monterey.bottle.tar.gz
==> Downloading https://ghcr.io/v2/homebrew/core/sqlite/manifests/3.45.1
Already downloaded: /Users/devagoudapatil/Library/Caches/Homebrew/downloads/71097ce212759125014f67983b78169c6f0e4db27076f1fd794028b9700e6d0c--sqlite-3.45.1.bottle_manifest.json
==> Fetching sqlite
==> Downloading https://ghcr.io/v2/homebrew/core/sqlite/blobs/sha256:383384b8ad1
Already downloaded: /Users/devagoudapatil/Library/Caches/Homebrew/downloads/04f5c12d94bcd18c29a97d45f5ab5f1822ed6dc43665ecb90e50bf1b36126ad--sqlite-3.45.1.monterey.bottle.tar.gz
==> Downloading https://ghcr.io/v2/homebrew/core/xz/manifests/5.4.6
Already downloaded: /Users/devagoudapatil/Library/Caches/Homebrew/downloads/b2cc4077807c180af6e0253f51d186f187ff5f165638cbe3a4a16d1c4762660--xz-5.4.6.bottle_manifest.json
==> Fetching xz
==> Downloading https://ghcr.io/v2/homebrew/core/xz/blobs/sha256:9196af5a2fcbef
Already downloaded: /Users/devagoudapatil/Library/Caches/Homebrew/downloads/d0b1a5962048176b118e0a4eacc32a83a2c2fcd11713c5fd8d7bfe041d5--xz-5.4.6.monterey.bottle.tar.gz
==> Downloading https://ghcr.io/v2/homebrew/core/python/3.11/manifests/3.11.8
Already downloaded: /Users/devagoudapatil/Library/Caches/Homebrew/downloads/eb6ea31a437458084f35528d6cdf4604a244c9c3ff2f4cb0852bd7e6cabdbd50--python@3.11-3.11.8.bottle_manifest.json
==> Fetching python@3.11
==> Downloading https://ghcr.io/v2/homebrew/core/python/3.11/blobs/sha256:9daffe
##### 100.0%
==> Fetching awscli
==> Downloading https://ghcr.io/v2/homebrew/core/awscli/blobs/sha256:47288179087
##### 100.0%
==> Installing dependencies for awscli: ca-certificates, openssl@3, mpdecimal, readline, sqlite, xz and python@3.11
==> Installing awscli dependency: ca-certificates
==> Downloading https://ghcr.io/v2/homebrew/core/ca-certificates/manifests/2023-
Already downloaded: /Users/devagoudapatil/Library/Caches/Homebrew/downloads/13aa86e429e05d02a76085d1881eaf625091a5ac4dc7d7674c706d12ba48796a--ca-certificates-2023-12-12.bottle_manifest.json
==> Pouring ca-certificates--2023-12-12.all.bottle.tar.gz
==> Regenerating CA certificate bundle from keychain, this may take a while...
  /usr/local/Cellar/ca-certificates/2023-12-12: 3 files, 226.7KB
==> Installing awscli dependency: openssl@3
==> Downloading https://ghcr.io/v2/homebrew/core/openssl@3/manifests/3.2.1-1
Already downloaded: /Users/devagoudapatil/Library/Caches/Homebrew/downloads/ff7b6e249843882452d784a8c4e19231186230b9e485a2a284d5c1952a95ec2--openssl@3-3.2.1-1.bottle_manifest.json

```

Configure the Aws Cli on your Server using and provide user's credential.
#aws configure

```

devagoudapatil@192 Downloads % aws configure
AWS Access Key ID [None]: AKIAWCD554MCD6ZTJ5TG
AWS Secret Access Key [None]: GEcdSC0Q7FCulAbGFBuvzZyW15aVgE5LONwnmaAV
Default region name [None]:
Default output format [None]:

```

Run following command to sync wit S3
#aws s3 sync . s3://abc4455

```

devagoudapatil@192 Downloads % aws s3 ls
zsh: command not found: aws
devagoudapatil@192 Downloads % aws s3 ls
2024-02-28 10:00:50 abc4455
2024-02-27 18:21:23 cbz.life
devagoudapatil@192 Downloads % aws s3 sync . s3://abc4455
upload: ./localized to s3://abc4455/./localized
Completed 0 Bytes/-56.1 MiB (0 Bytes/s) with ~52 file(s) remaining (calculating.Completed 2.3 KiB/~1.3 GiB (5.0 KiB/s) with ~227 file(s) remaining (calculatin
g.upload: ./19 Directories.txt to s3://abc4455/19 Directories.txt
Completed 2.3 KiB/~1.3 GiB (5.0 KiB/s) with ~226 file(s) remaining (calculating.Completed 16.3 KiB/~1.5 GiB (26.6 KiB/s) with ~343 file(s) remaining (calculat
inupload: ./DS_Store to s3://abc4455/DS_Store
Completed 16.3 KiB/~1.5 GiB (26.6 KiB/s) with ~342 file(s) remaining (calculatinCompleted 38.5 KiB/~1.5 GiB (45.3 KiB/s) with ~429 file(s) remaining (calculat
inupload: ./9090.JPG to s3://abc4455/9090.JPG
Completed 38.5 KiB/~1.5 GiB (45.3 KiB/s) with ~428 file(s) remaining (calculatinCompleted 41.8 KiB/~1.5 GiB (41.2 KiB/s) with ~560 file(s) remaining (calculat
inupload: ./ACL's&searchfilter.txt to s3://abc4455/ACL's&searchfilter.txt
Completed 41.8 KiB/~1.5 GiB (41.2 KiB/s) with ~559 file(s) remaining (calculatinCompleted 164.8 KiB/~1.6 GiB (154.6 KiB/s) with ~595 file(s) remaining (calcul
atupload: ./83733.JPG to s3://abc4455/83733.JPG
Completed 164.8 KiB/~1.6 GiB (154.6 KiB/s) with ~594 file(s) remaining (calculatCompleted 254.4 KiB/~1.6 GiB (225.8 KiB/s) with ~631 file(s) remaining (calcul
atupload: ./1000004762.JPG to s3://abc4455/1000004762.JPG
Completed 254.4 KiB/~1.6 GiB (225.8 KiB/s) with ~630 file(s) remaining (calculatCompleted 510.4 KiB/~1.6 GiB (437.0 KiB/s) with ~645 file(s) remaining (calcul
atCompleted 766.4 KiB/~1.6 GiB (650.5 KiB/s) with ~649 file(s) remaining (calculatCompleted 1022.4 KiB/~1.6 GiB (834.6 KiB/s) with ~683 file(s) remaining (calcul
atCompleted 1.2 MiB/~1.6 GiB (994.4 KiB/s) with ~727 file(s) remaining (calculatinCompleted 1.5 MiB/~1.6 GiB (1.2 MiB/s) with ~738 file(s) remaining (calcul
ating.Completed 1.7 MiB/~1.6 GiB (1.0 MiB/s) with ~802 file(s) remaining (calculating.upload: ./67128.JPG to s3://abc4455/67128.JPG

```

We can see all the data from current folder will be there in S3 bucket.

Instance details | EC2 | ap-so...

EC2 Instance Connect | ap-so...

abc4455 - S3 bucket | S3 | GL...

test-user3 | IAM | Global

How to Install and Configure A...

Install or update to the latest v...

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abc4455

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Create folder

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Find objects by prefix

1

	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	.DS_Store	DS_Store	February 28, 2024, 10:38:48 (UTC+05:30)	14.0 KB	Standard
<input type="checkbox"/>	.localized	localized	February 28, 2024, 10:38:48 (UTC+05:30)	0 B	Standard
<input type="checkbox"/>	1000004762.JPEG	JPEG	February 28, 2024, 10:38:48 (UTC+05:30)	89.5 KB	Standard
<input type="checkbox"/>	1000020931.JPEG	JPEG	February 28, 2024, 10:38:48 (UTC+05:30)	1.3 MB	Standard
<input type="checkbox"/>	1000037799.JPEG	JPEG	February 28, 2024, 10:38:48 (UTC+05:30)	1.7 MB	Standard
<input type="checkbox"/>	1000037800.JPEG	JPEG	February 28, 2024, 10:38:48 (UTC+05:30)	1.1 MB	Standard
<input type="checkbox"/>	1000037801.JPEG	JPEG	February 28, 2024, 10:38:48 (UTC+05:30)	913.6 KB	Standard

CloudShell

Feedback

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