



PYTHON AND CLOUD SECURITY BOOTCAMP PROJECT.

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Level 1

Amazon S3 is cloud storage for the Internet. Here we can upload our data (photos, videos, documents, html, etc). To do this must first create a bucket in one of the AWS Regions. Then you can upload any number of objects to that bucket.

There is a hint saying that this level is buckets of fun and that we need to find the first sub- domain.

Download and install aws Cli

The screenshot shows the AWS Command Line Interface (CLI) download page. The page has a dark blue header with the AWS logo and navigation links: Products, Solutions, Pricing, Documentation, Learn, Partner Network, AWS Marketplace, Customer Enablement, Events, Explore More, and a search icon. On the right side of the header are links for Contact Us, Support, English, My Account, and a prominent orange button labeled 'Create an AWS Account'.

The main content area is divided into two columns. The left column contains a sidebar with the following sections: 'RESOURCES' (with a link to 'AWS Command Line Interface'), 'RELATED LINKS' (with links to 'Documentation', 'Tools', and 'Release Notes'), and a 'Get Started with AWS for Free' section with a 'Create Free Account' button.

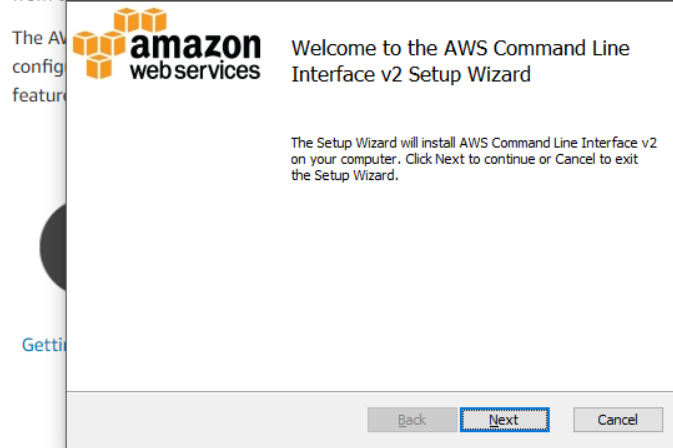
The right column is titled 'AWS Command Line Interface'. It contains a description: 'The AWS Command Line Interface (CLI) is a unified tool to manage your AWS services. With just one tool to download and configure, you can control multiple AWS services from the command line and automate them through scripts. The AWS CLI v2 offers several new features including improved installers, new configuration options such as AWS Single Sign-On (SSO), and various interactive features.' Below this description are four icons with links: '1 Getting Started', 'CLI Reference', 'GitHub Project', and 'Community Forum'.

On the far right, there are three operating system-specific instructions: 'Windows' (Download and run the 64-bit Windows installer), 'MacOS' (Download and run the MacOS PKG installer), and 'Linux' (Download, unzip, and then run the Linux installer). Below these are sections for 'Amazon Linux' (The AWS CLI comes pre-installed on Amazon Linux AMI) and 'Release Notes' (Check out the Release Notes for more information on the latest version).

At the bottom of the page, there is a section titled 'aws-shell (Developer Preview)'. It describes 'aws-shell' as a command-line shell program that provides convenience and productivity features to help both new and advanced users of the AWS Command Line Interface. Key features include: Fuzzy auto-completion for commands (e.g. ec2, describe-instances, sqs, create-queue), Options (e.g. --instance-ids, --queue-url), and Resource identifiers (e.g. Amazon EC2 instance IDs, Amazon SQS queue URLs, Amazon SNS topic names).

AWS Command Line Interface

The AWS Command Line Interface (CLI) is a unified tool to manage your AWS services. With just one tool to download and configure, you can control multiple AWS services from the command line.



Windows

Download and run the [64-bit Windows installer](#).

MacOS

Download and run the [MacOS PKG installer](#).

Linux

Download, unzip, and then run the [Linux installer](#)

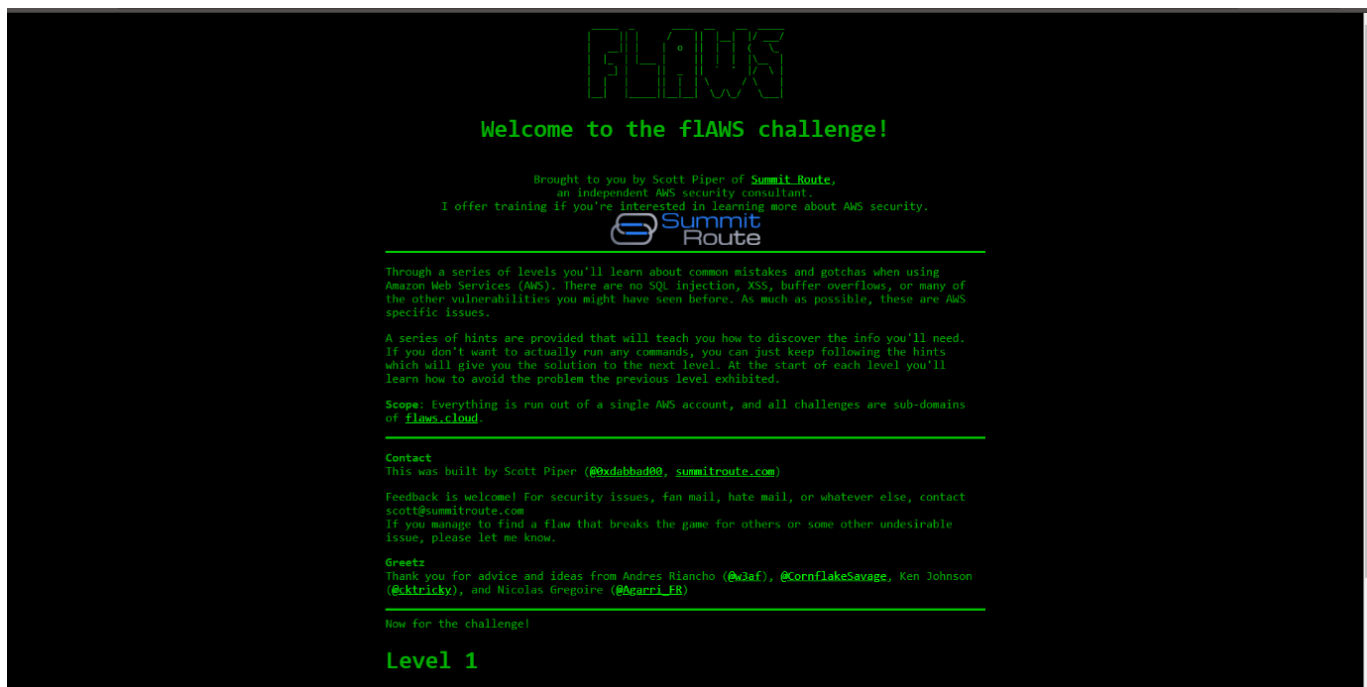
Amazon Linux

The AWS CLI comes pre-installed on [Amazon Linux AML](#).

Release Notes

Check out the [Release Notes](#) for more information on the latest version.

On going to flaws. Cloud website we can see-



On the AWS documentation we can see the arguments and at the bottom is a list of all available commands for the s3 module, with links to learn more about each. We can also see that bucket URL structure exchanges http:// for s3://.

Now we list the contents in flaws.cloudbucket – `aws s3 ls s3://flaws.cloud`

```
kali@kali:~$ aws s3 ls s3://flaws.cloud
2017-03-13 23:00:38      2575 hint1.html
2017-03-02 23:05:17      1707 hint2.html
2017-03-02 23:05:11      1101 hint3.html
2020-05-22 14:16:45      3162 index.html
2018-07-10 12:47:16     15979 logo.png
2017-02-26 20:59:28         46 robots.txt
2017-02-26 20:59:30      1051 secret-dd02c7c.html
```

Now the content the list is shown.

By examining we can see a secret html file in the list.

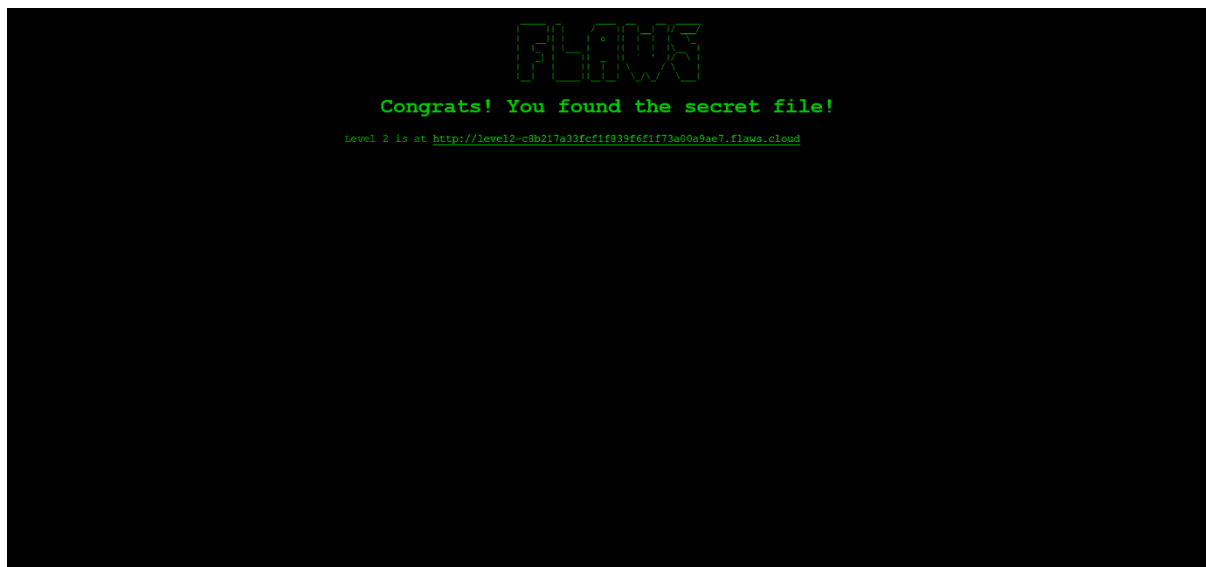
```
<?xml version="1.0" encoding="UTF-8" ?>
<ListBucketResult>
  <Size>2575</Size>
  <StorageClass>STANDARD</StorageClass>
  <Contents>
    <Contents>
      <Key>hint1.html</Key>
      <LastModified>2017-03-13T23:00:38.000Z</LastModified>
      <ETag>"565f14ec1dce259789eb919ead471ab9"</ETag>
      <Size>2575</Size>
      <StorageClass>STANDARD</StorageClass>
    </Contents>
    <Contents>
      <Key>hint2.html</Key>
      <LastModified>2017-03-02T23:05:17.000Z</LastModified>
      <ETag>"f5e5dc34663f83aedaf512bec04989"</ETag>
      <Size>1707</Size>
      <StorageClass>STANDARD</StorageClass>
    </Contents>
    <Contents>
      <Key>hint3.html</Key>
      <LastModified>2017-03-02T23:05:11.000Z</LastModified>
      <ETag>"f5e5dc34663f83aedaf512bec04989"</ETag>
      <Size>1101</Size>
      <StorageClass>STANDARD</StorageClass>
    </Contents>
    <Contents>
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    </Contents>
    <Contents>
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      <StorageClass>STANDARD</StorageClass>
    </Contents>
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    </Contents>
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      <Size>1051</Size>
      <StorageClass>STANDARD</StorageClass>
    </Contents>
  </Contents>
</ListBucketResult>
```

```

</StorageClass>STANDARD</StorageClass>
</Contents>
-<Contents>
  <Key>hint2.html</Key>
  <LastModified>2017-03-03T04:05:17.000Z</LastModified>
  <ETag>"565f14ec1dee259789eb919ead471ab9"</ETag>
  <Size>1707</Size>
  <StorageClass>STANDARD</StorageClass>
</Contents>
-<Contents>
  <Key>hint3.html</Key>
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  <LastModified>2017-02-27T01:59:28.000Z</LastModified>
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  <Size>46</Size>
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</Contents>
-<Contents>
  <Key>secret-d402e7c.html</Key>
  <LastModified>2017-02-27T01:59:30.000Z</LastModified>
  <ETag>"c5e83d744b4736664ac8375d4464ed4c"</ETag>
  <Size>1051</Size>
  <StorageClass>STANDARD</StorageClass>
</Contents>
</Bucket>

```

Let's open the html file.



Here we go, we successfully completed the Level 1.

-----THANK YOU-----