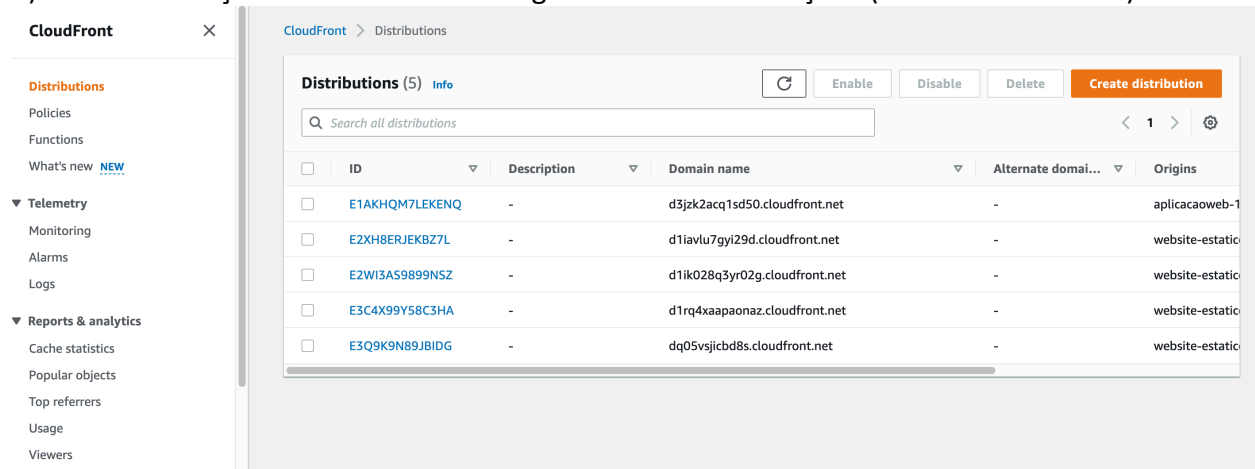


1) Acesse o serviço “Cloudfront” e em seguida “Criar Distribuição” (Create Distribution)



The screenshot shows the AWS CloudFront console. On the left is a navigation menu with options like Distributions, Policies, Functions, Telemetry, and Reports & analytics. The main panel displays the 'Distributions (5)' page. At the top, there are buttons for 'Enable', 'Disable', 'Delete', and 'Create distribution'. Below this is a search bar and a table listing five distributions. Each row includes a checkbox, an ID, a description, a domain name, an alternate domain, and origins.

	ID	Description	Domain name	Alternate domai...	Origins
<input type="checkbox"/>	E1AKHQM7LEKENQ	-	d3jzk2acq1sd50.cloudfront.net	-	aplicacaoweb-1
<input type="checkbox"/>	E2XH8ERJEKBZ7L	-	d1iavlu7gyi29d.cloudfront.net	-	website-estatic
<input type="checkbox"/>	E2WI3A59899NSZ	-	d1ik028q3yr02g.cloudfront.net	-	website-estatic
<input type="checkbox"/>	E3C4X99Y58C3HA	-	d1rq4xaapaonaz.cloudfront.net	-	website-estatic
<input type="checkbox"/>	E3Q9K9N89JBIDG	-	dq05vsjicbd8s.cloudfront.net	-	website-estatic

2) Selecione a origem do domínio: pode ser um bucket S3 ou um ElasticLoadBalancer por exemplo. Use o balanceador de carga criado no exercício anterior. Pode-se definir um caminho de origem adicional ao domínio, mas não usaremos neste exemplo. Dê o nome de distribuição cloudfront-fiap.

CloudFront > Distributions > create

Create distribution

Origin

Origin domain

Choose an AWS origin, or enter your origin's domain name.

Origin path - optional [Info](#)

Enter a URL path to append to the origin domain name for origin requests.

Name

Enter a name for this origin.

Add custom header - optional

CloudFront includes this header in all requests that it sends to your origin.

3)Na etapa de configuração do comportamento do cache, selecione a opção de compressão de objetos automática, Viewer protocol como HTTP e HTTPS e métodos GET e HEAD. Selecione também No restrict viewer access.

Default cache behavior

Path pattern [Info](#)

Default (*)

Compress objects automatically [Info](#)

☐ No

☒ Yes

Viewer

Viewer protocol policy

☒ HTTP and HTTPS

☐ Redirect HTTP to HTTPS

☐ HTTPS only

Allowed HTTP methods

☒ GET, HEAD

☐ GET, HEAD, OPTIONS

☐ GET, HEAD, OPTIONS, PUT, POST, PATCH, DELETE

Restrict viewer access

If you restrict viewer access, viewers must use CloudFront signed URLs or signed cookies to access your content.

☒ No

☐ Yes

4)É possível criar uma política de caching completamente customizada para cada distribuição. Para este exemplo, use a configuração padrão: “Cache policy”

Cache key and origin requests

We recommend using a cache policy and origin request policy to control the cache key and origin requests.

☒ Cache policy and origin request policy (recommended)

☐ Legacy cache settings

Cache policy

Choose an existing cache policy or create a new one.

CachingOptimized

Default policy when CF compression is enabled



[Create policy](#) [View policy](#)

Origin request policy - *optional*

Choose an existing origin request policy or create a new one.

Select origin policy



[Create policy](#)

Response headers policy - *optional*

Choose an existing response headers policy or create a new one.

Select response headers



[Create policy](#)

► Additional settings

5) Com o CloudFront é possível associar funções Lambda para serem executadas baseadas em eventos do visualizador ou da origem. Estas funções devem ser criadas antes da criação da distribuição e serem associadas nesta parte da configuração.

Function associations - *optional* [Info](#)

Choose an edge function to associate with this cache behavior, and the CloudFront event that invokes the function.

	Function type	Function ARN / Name	Include body
Viewer request	<div>No association ▼</div>		
Viewer response	<div>No association ▼</div>		
Origin request	<div>No association ▼</div>		
Origin response	<div>No association ▼</div>		

6)Na última parte da configuração, são ajustadas a faixa de preços (mantenha all edge locations), associação com Web ACL do AWS Web Application Firewall (mantenha vazio), nomes de domínio alternativos e certificados SSL associados.

Settings

Price class [Info](#)


Choose the price class associated with the maximum price that you want to pay.

- ☒ Use all edge locations (best performance)
- ☐ Use only North America and Europe
- ☐ Use North America, Europe, Asia, Middle East, and Africa

AWS WAF web ACL - *optional*

Choose the web ACL in AWS WAF to associate with this distribution.

Choose web ACL

 User: arn:aws:sts::483445070287:assumed-role/voclabs/user1883024=Test_Student is not authorized to perform: waf:ListWebACLs on resource: arn:aws:waf::483445070287:webacl/* because no identity-based policy allows the waf:ListWebACLs action

Alternate domain name (CNAME) - *optional*

Add the custom domain names that you use in URLs for the files served by this distribution.

Add item

 To add a list of alternative domain names, use the [bulk editor](#).

Custom SSL certificate - *optional*

Associate a certificate from AWS Certificate Manager. The certificate must be in the US East (N. Virginia) Region (us-east-1).

Choose certificate



[Request certificate](#) 

Supported HTTP versions

Add support for additional HTTP versions. HTTP/1.0 and HTTP/1.1 are supported by default.

☒ HTTP/2

Default root object - *optional*

The object (file name) to return when a viewer requests the root URL (/) instead of a specific object.

Standard logging

Get logs of viewer requests delivered to an Amazon S3 bucket.

- ☒ Off
- ☐ On

Mantenha o registro de logs desligado para este exercício. Finalize a configuração e aguarde até que a distribuição esteja pronta.