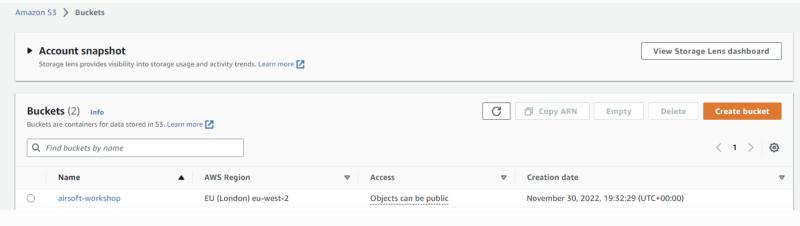
Setting Up AWS to host my static files

Sign up to aws.amazon.com:

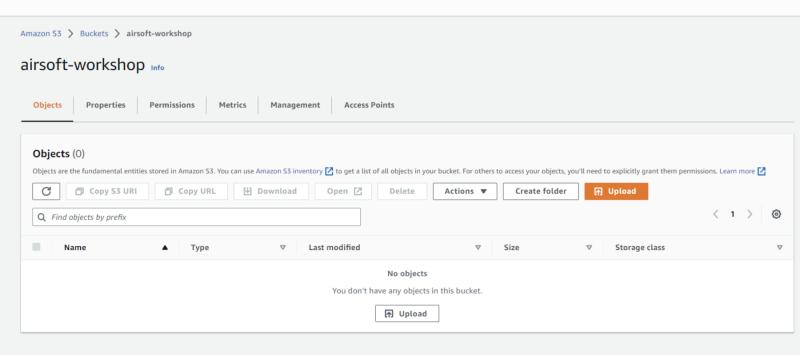
search S3 and click create a bucket:

General configurations:

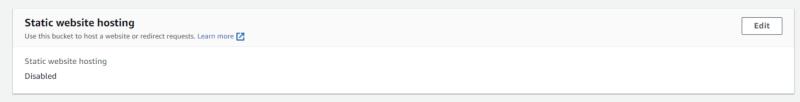
in account, you can view your buckets, next we need to make some changes for it to be allowed for public use.



click on the bucket



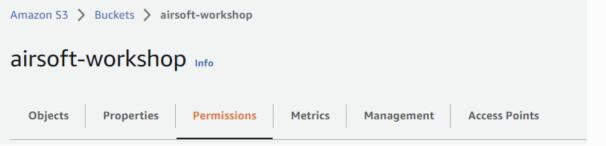
next click on properties and go to static website hosting enable static website hosting...



[input default index and error htmls, but these will not be used] and then save next head to the permissions tab...

Edit static website hosting Info Static website hosting Use this bucket to host a website or redirect requests. Learn more Static website hosting Disable Enable Hosting type Host a static website Use the bucket endpoint as the web address. Learn more <a>Image: Image: Redirect requests for an object Redirect requests to another bucket or domain. Learn more 🔀 For your customers to access content at the website endpoint, you must make all your content publicly readable. To do so, you can edit the S3 Block Public Access settings for the bucket. For more information, see Using Amazon S3 Block Public Access 🛂 Index document Specify the home or default page of the website. index.html Error document - optional This is returned when an error occurs.

Next there are 3 changes to make...



first CORS config, add allowed hosts

Edit cross-origin resource sharing (CORS) Info

Cross-origin resource sharing (CORS)

The CORS configuration, written in JSON, defines a way for client web applications that are loaded in one domain a different domain. Learn more

```
2 =
3 *
           "AllowedHeaders": [
               "Authorization"
5
            AllowedMethods": [
 6 =
               "GET"
8
9 +
            AllowedOrigins": [
10
11
12
           "ExposeHeaders": []
13
```

2nd) open bucket policy, edit and use the policy generator in the top right

Edit bucket policy Info

Bucket policy The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned	Policy examples [2] Policy generator [2]
Bucket ARN arn:aws:s3:::airsoft-workshop Policy	
select type of policy = S3 bucket policy Effect = Allow Principle = * (indicates all) AWS service = fixed Actions = GetObject Amazon Resource Name ARN = get from bucket policy	Bucket ARN arn:aws:s3:::airsoft-workshop licy rab (above in blue)
AWS Policy Generator The AWS Policy Generator is a tool that enables you to create policies that control access to Amazon policies, see key concepts in Using AWS Identity and Access Management. Here are sample policies.	Web Services (AWS) products and resources. For more information about creatin
Step 1: Select Policy Type	

A Policy is a container for permissions. The different types of policies you can create are an IAM Policy, an S3 Bucket Policy, an SNS Topic Policy, a VPC Endpoint Policy, and an SQS Select Type of Policy S3 Bucket Policy Step 2: Add Statement(s) A statement is the formal description of a single permission. See a description of elements that you can use in statements. Effect

Allow

Deny Principal * Use a comma to separate multiple values. AWS Service Amazon S3 ✓ All Services ('*') Use multiple statements to add permissions for more than one service. Actions 1 Action(s) Selected

All Actions (''et')

Amazon Resource Name (ARN)

Get/MultiRegionAccessPoint

Get/MultiRegionAccessPointPolicy GetMultiRegionAccessPointPolicyStatus

[BucketName]/\${KeyName}. Get/MultiRegionAccessPointRoutes GetObject d. You must enter a valid ARN. GetObjectAcl GetObjectAttributes GetObjectLegalHold Step 3: Generate Policy A policy is a document (written in the Access Policy Language) that acts as a container for one or more statements. Add one or more statements above to generate a policy.

click create statement then generate policy...



You added the following statements. Click the button below to Generate a policy.

Principal(s)	Effect	Action	Resource	Conditions
. *	Allow	• s3:GetObject	arn:aws:s3:::airsoft-workshop	None

Step 3: Generate Policy

A policy is a document (written in the Access Policy Language) that acts as a container for one or more statements.

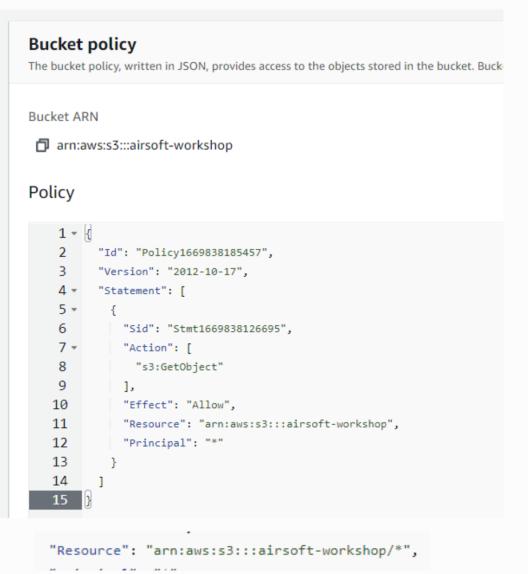
Generate Policy Start Over

now add this policy in the bucket policy, but do not save yet add a $\ / ^* \$ onto the end of the resource policy

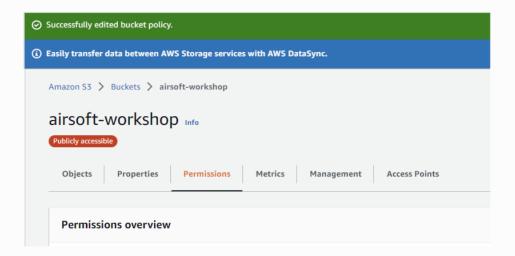


now save changes

Also we need to change the object ownership... set the settings like so on the image to the right and then save.



now inside permissions, edit access control list (ACL) set the Everyone (Public Access) Objects List to tick



Edit Object Ownership Info **Object Ownership** Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects. ACLs disabled (recommended) ACLs enabled All objects in this bucket are owned by this account. Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be Access to this bucket and its objects is specified using only policies. specified using ACLs. Enabling ACLs turns off the bucket owner enforced setting for Object Ownership Once the bucket owner enforced setting is turned off, access control lists (ACLs) and their associated permissions are restored. Access to objects that you do not own will be based on ACLs and not the bucket I acknowledge that ACLs will be restored. Object Ownership Bucket owner preferred If new objects written to this bucket specify the bucket-owner-full-control canned ACL, they are owned by the bucket owner. Otherwise, they are owned by the object writer. Object writer The object writer remains the object owner. If you want to enforce object ownership for new objects only, your bucket policy must specify that the bucket-owner-full-control canned ACL is required for object uploads. Learn more 🔀 Save changes Cancel Amazon S3 > Buckets > airsoft-workshop > Edit access control list (ACL) Edit access control list (ACL) Info Access control list (ACL) Grant basic read/write permissions to other AWS accounts. Learn more Grantee Objects Bucket ACL Bucket owner (your AWS List Read account) Write Write Canonical ID: 1 070a3eb8da 2c08b2e41600ca131589f4584 75b6acf8f422d0086b3792e40a 989 Everyone (public access) ⚠ List Read Group: http://acs.amazon Write Write aws.com/groups/global/AllUser