**Configuring a static website on Amazon S3**

I will configure an Amazon S3 bucket to function like a website.

[Step 1: Register a custom domain with Route 53](https://docs.aws.amazon.com/AmazonS3/latest/dev/website-hosting-custom-domain-walkthrough.html#website-hosting-custom-domain-walkthrough-domain-registry). A have already registered domain jundevops.com

[Step 2: Create two buckets](https://docs.aws.amazon.com/AmazonS3/latest/dev/website-hosting-custom-domain-walkthrough.html#root-domain-walkthrough-create-buckets).

Domain bucket – jundevops.com

Subdomain bucket – www.jundevops.com

Pic 1

[Step 3: Configure your root domain and subdomain buckets for website hosting](https://docs.aws.amazon.com/AmazonS3/latest/dev/website-hosting-custom-domain-walkthrough.html#root-domain-walkthrough-configure-bucket-aswebsite)

Pic 2 3

[Step 4: Edit S3 Block Public Access settings](https://docs.aws.amazon.com/AmazonS3/latest/dev/website-hosting-custom-domain-walkthrough.html#root-domain-walkthrough-configure-bucket-permissions) and [attach a bucket policy](https://docs.aws.amazon.com/AmazonS3/latest/dev/website-hosting-custom-domain-walkthrough.html#add-bucket-policy-root-domain)

Pic 8 9 10

[Step 5: Upload index and website content](https://docs.aws.amazon.com/AmazonS3/latest/dev/website-hosting-custom-domain-walkthrough.html#upload-website-content)

Pic 11

Step 6: [Test your domain endpoint](https://docs.aws.amazon.com/AmazonS3/latest/dev/website-hosting-custom-domain-walkthrough.html#root-domain-walkthrough-test-website):

jundevops.com.s3-website.eu-central-1.amazonaws.com

www. jundevops.com.s3-website.eu-central-1.amazonaws.com

Pic 4 6 21 22

[Step 7: Create Hosted Zone and add alias records for your domain and subdomain](https://docs.aws.amazon.com/AmazonS3/latest/dev/website-hosting-custom-domain-walkthrough.html#root-domain-walkthrough-add-record-to-hostedzone)

Pic 13 15 14 18 19 20

Step 8: Test the websites www.jundevops.com and jundevops.com

Pic 23 24

**The list with links of completed labs is based on tutorials.**

* Launch a Linux Virtual Machine with Amazon Lightsail

<https://aws.amazon.com/getting-started/hands-on/launch-a-virtual-machine/>

* Launch and configure a WordPress instance with Amazon Lightsail

<https://aws.amazon.com/getting-started/hands-on/launch-a-wordpress-website/?trk=gs_card>

* Store and Retrieve a File with Amazon S3

<https://aws.amazon.com/getting-started/hands-on/backup-files-to-amazon-s3/>

* Batch upload files to the cloud to Amazon S3 using the AWS CLI

<https://aws.amazon.com/getting-started/hands-on/backup-to-s3-cli/?nc1=h_ls>

* Register a Domain Name with Amazon Route 53

<https://aws.amazon.com/getting-started/hands-on/get-a-domain/?nc1=h_ls>

* Deploy Docker Containers on Amazon Elastic Container Service (Amazon ECS)

<https://aws.amazon.com/getting-started/hands-on/deploy-docker-containers/?nc1=h_ls>

* Configuring a static website using a custom domain registered with Route 53

<https://docs.aws.amazon.com/AmazonS3/latest/dev/website-hosting-custom-domain-walkthrough.html>