



Université Cadi Ayyad - Safi

École nationale des sciences appliquées



TP1 – AZURE CLOUD

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Q0 : Répertoire GitHub

The screenshot shows a web browser displaying the GitHub repository page for 'my-first-static-web-app' by user 'baoussreda'. The repository is public and has 1 commit. The main branch is 'main'. The repository description is 'Cloud Ensa's Course'. The README.md file is visible, showing the title 'my-first-static-web-app' and the description 'Cloud Ensa's Course'. The right sidebar shows repository statistics: 0 stars, 1 watching, and 0 forks. The bottom of the page shows the Windows taskbar with the search bar and various application icons.

Q1 : Répertoire azure

The screenshot shows the Microsoft Azure portal home page. The top navigation bar includes the Microsoft Azure logo and a search bar. The main content area is divided into two sections: 'Azure services' and 'Resources'. The 'Azure services' section displays a grid of service icons: Create a resource, Quickstart Center, Virtual machines, App Services, Storage accounts, SQL databases, Azure Cosmos DB, Kubernetes services, Function App, and More services. The 'Resources' section has tabs for 'Recent' and 'Favorite'. Below the tabs, there is a table with columns for Name, Type, and Last Viewed. A message states 'No resources have been viewed recently' with a 'View all resources' button. The bottom of the page shows the Windows taskbar with the search bar and various application icons.

Q2 : rôle de ressources groupes :

C'est un Conteneur logique qui permet d'organiser, de gérer et de superviser les ressources associées à une solution cloud. Le rôle principal d'un groupe de ressources est de regrouper des ressources Azure connexes afin de simplifier leur gestion, leur suivi, leur facturation et leur déploiement.

Q3 : Ressources générés après la création de la web app

- Création de la webApp :

portal.azure.com/#create/Microsoft.StaticApp

Microsoft Azure Search resources, services, and docs (G+/)

Home > Create a resource > Marketplace > Static Web App >

Create Static Web App

GitHub account: baoussreda [Change account](#)

Information If you can't find an organization or repository, you might need to enable additional permissions on GitHub. You must have write access to your chosen repository to deploy with GitHub Actions.

Organization *

Repository *

Branch *

Build Details

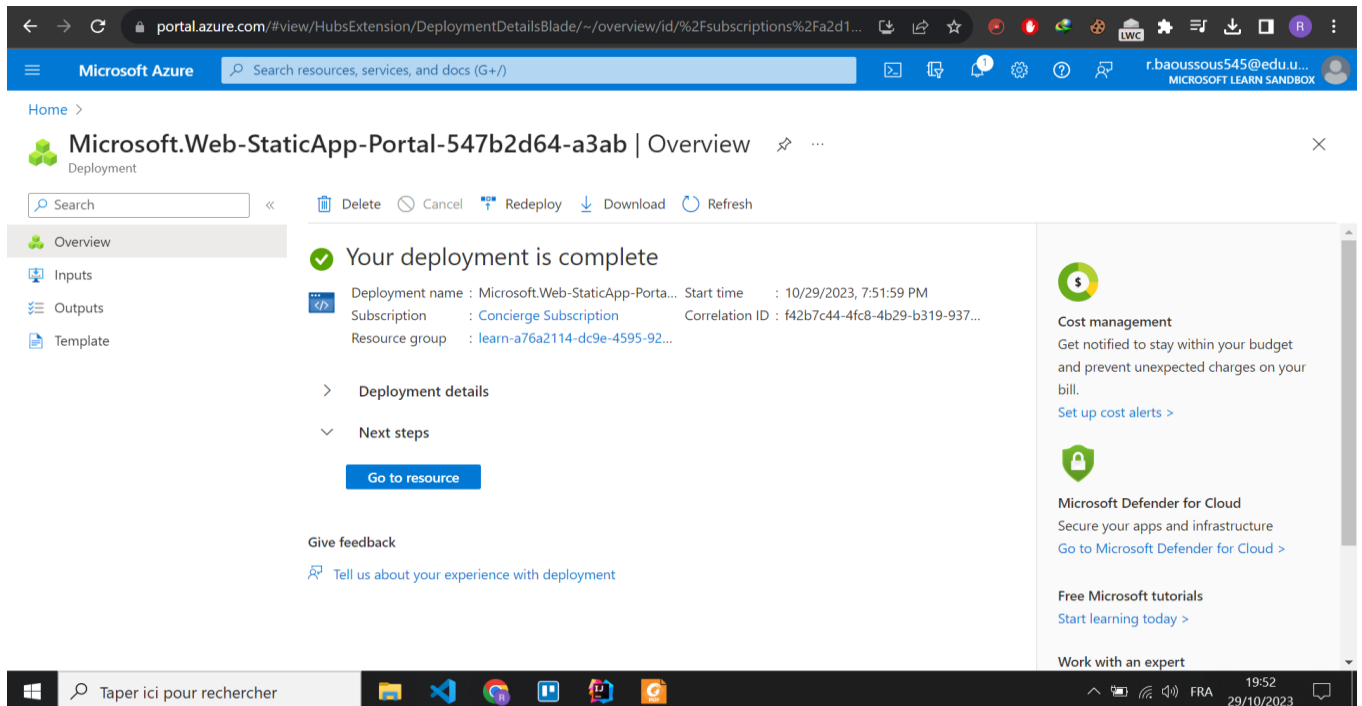
Enter values to create a GitHub Actions workflow file for build and release. You can modify the workflow file later in your GitHub repository.

Build Provider

[Review + create](#) [< Previous](#) [Next : Tags >](#)

Taper ici pour rechercher

19:51 29/10/2023



Microsoft Azure

Search resources, services, and docs (G+)

Home >

Microsoft.Web-StaticApp-Portal-547b2d64-a3ab | Overview

Deployment

Search

Delete Cancel Redeploy Download Refresh

Overview

Inputs

Outputs

Template

✓ Your deployment is complete

Deployment name : Microsoft.Web-StaticApp-Porta... Start time : 10/29/2023, 7:51:59 PM
Subscription : Concierge Subscription Correlation ID : f42b7c44-4fc8-4b29-b319-937...
Resource group : learn-a76a2114-dc9e-4595-92...

> Deployment details

✓ Next steps

[Go to resource](#)

Give feedback

[Tell us about your experience with deployment](#)

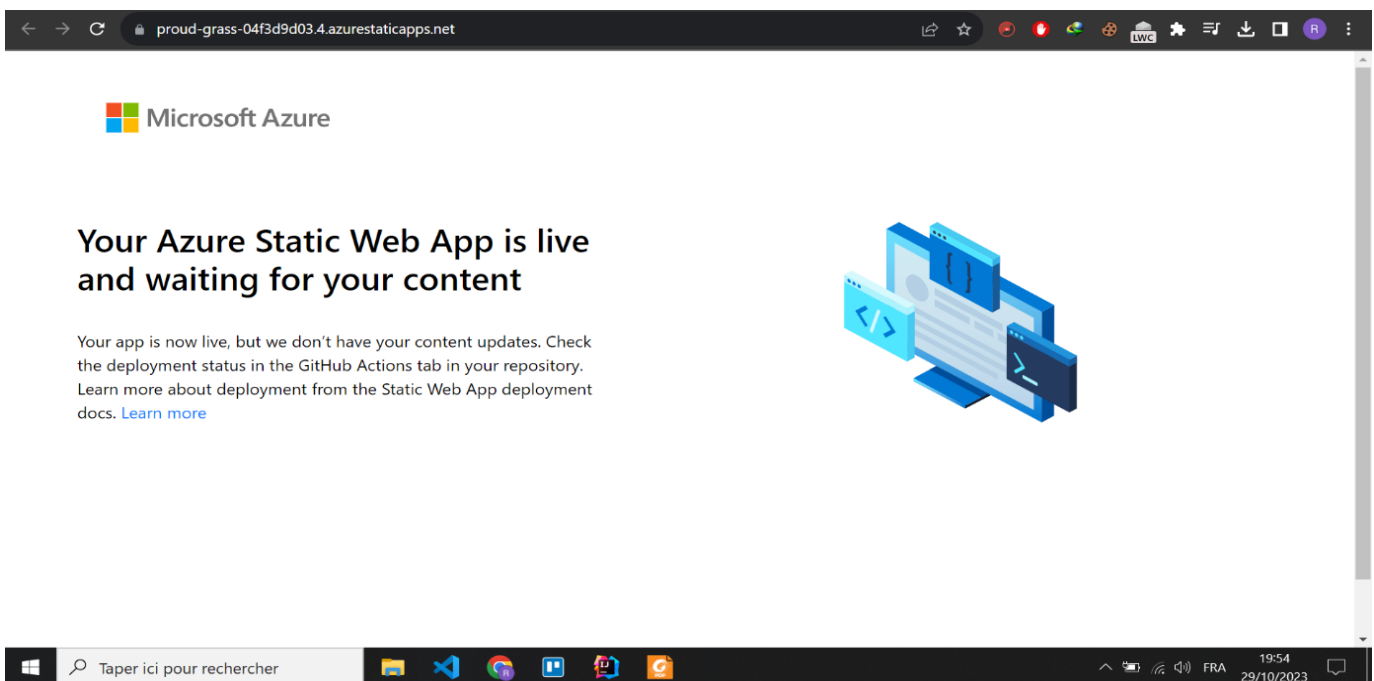
Cost management
Get notified to stay within your budget and prevent unexpected charges on your bill.
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Microsoft Defender for Cloud
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Q4 : Site en production



Microsoft Azure

Your Azure Static Web App is live and waiting for your content

Your app is now live, but we don't have your content updates. Check the deployment status in the GitHub Actions tab in your repository. Learn more about deployment from the Static Web App deployment docs. [Learn more](#)

2023/2024

Q5 : Modification du code

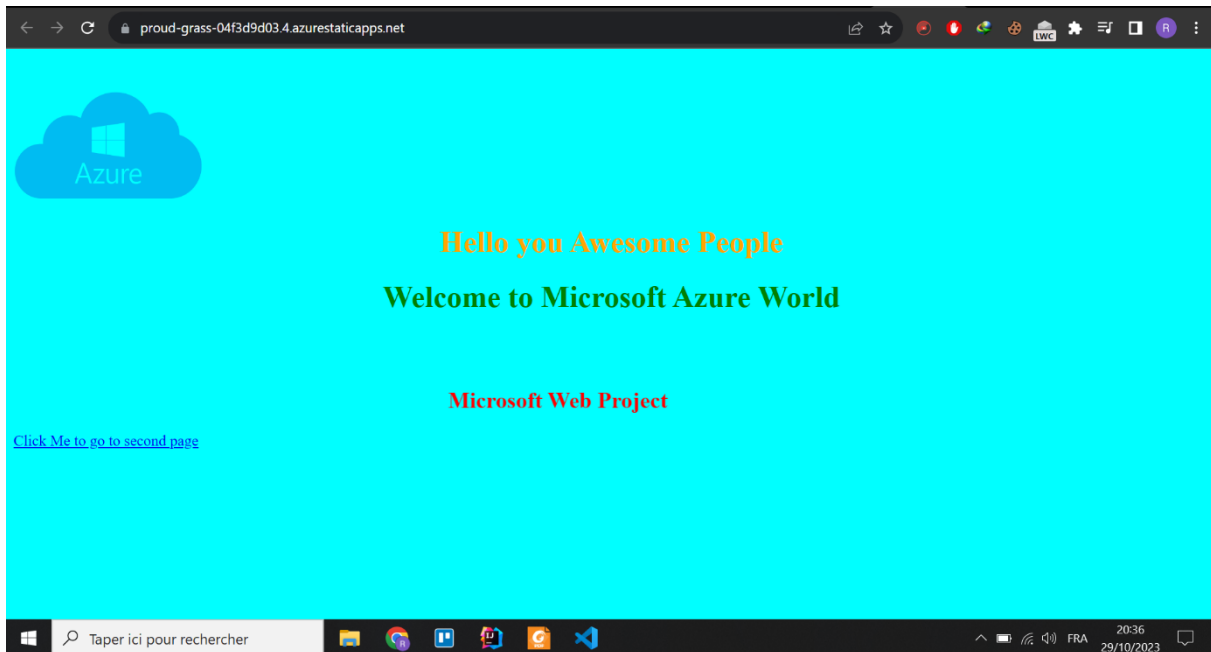
The screenshot shows the Visual Studio Code interface with the file `page2.html` open in the editor. The Explorer sidebar on the left shows the project structure: `STATIC WEBSITE` containing `src`, `azure.png`, `index.html`, and `page2.html`. The editor displays the following HTML code for `page2.html`:

```
src > page2.html > html > body
1 <html>
2 <head>
3 <title> My Web Project</title>
4 </head>
5
6
7 <body bgcolor = 'cyan'>
8
9   <br><br>
10
11   <img src='azure.png' width='200' height='120'>
12
13   <a href='index.html'> Click Me to go back</a>
14
15 </body>
16 </html>
17
18
```

The TERMINAL panel at the bottom shows the output of a `git push` command:

```
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 8 threads
Compressing objects: 100% (5/5), done.
Writing objects: 100% (6/6), 13.83 KiB | 6.91 MiB/s, done.
Total 6 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:   https://github.com/baoussreda/my-first-static-web-app/pull/new/master
remote:
remote: To https://github.com/baoussreda/my-first-static-web-app.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
PS C:\Users\Lenovo\Desktop\IP1 Cloud\static website>
```

Le changement est manifesté:



Note :

Le site a déployé les changements automatiquement en Cloud