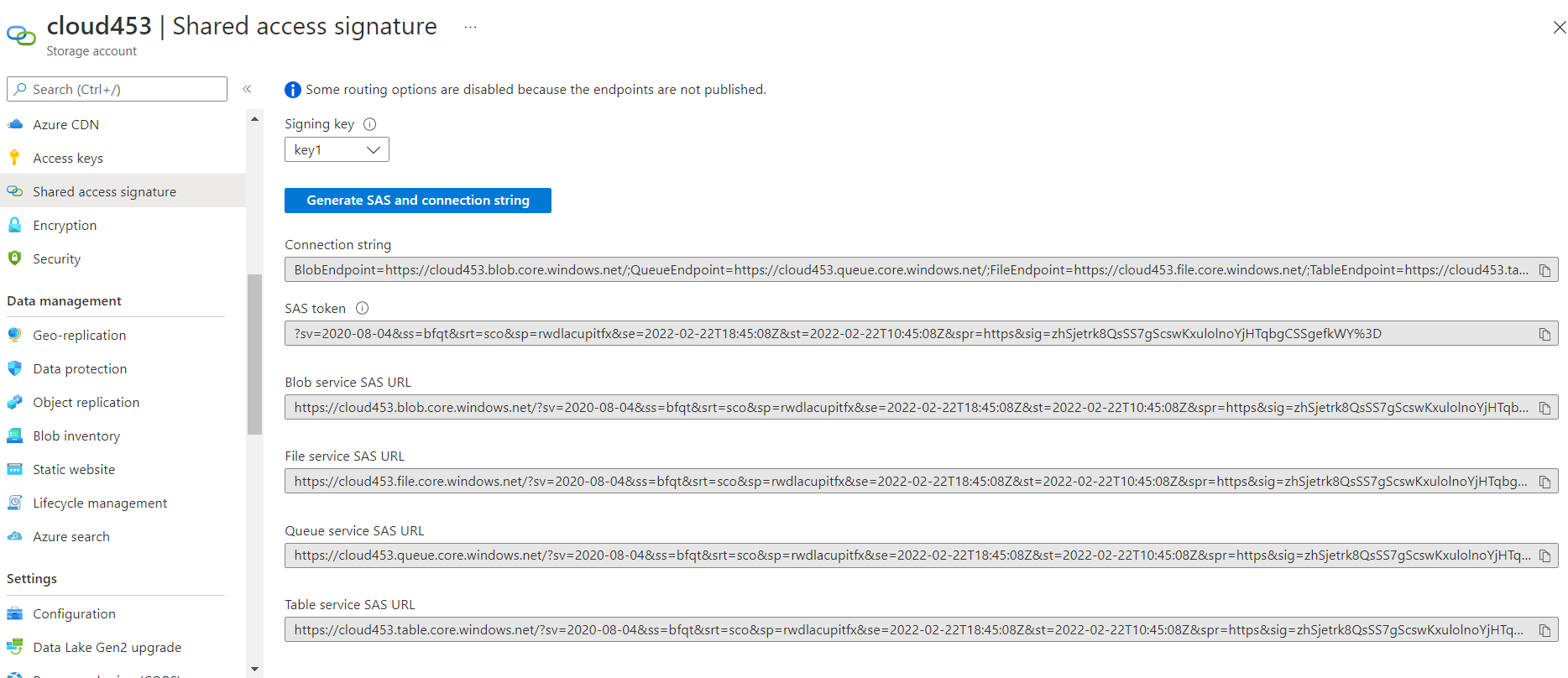
**Lab Assignment – 4**

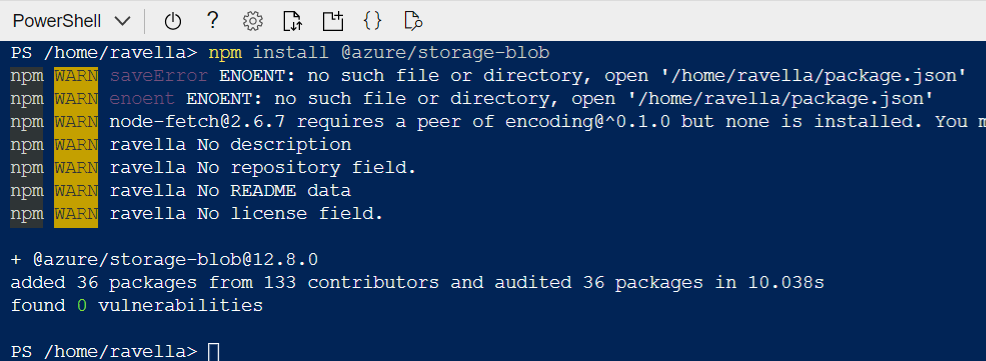
***Storing Files in Azure***

***19CSE445 – Cloud Computing***

* **Create Storage Blob and generating SAS:**



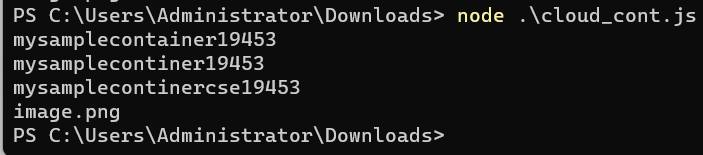
* **Installing module for API:**



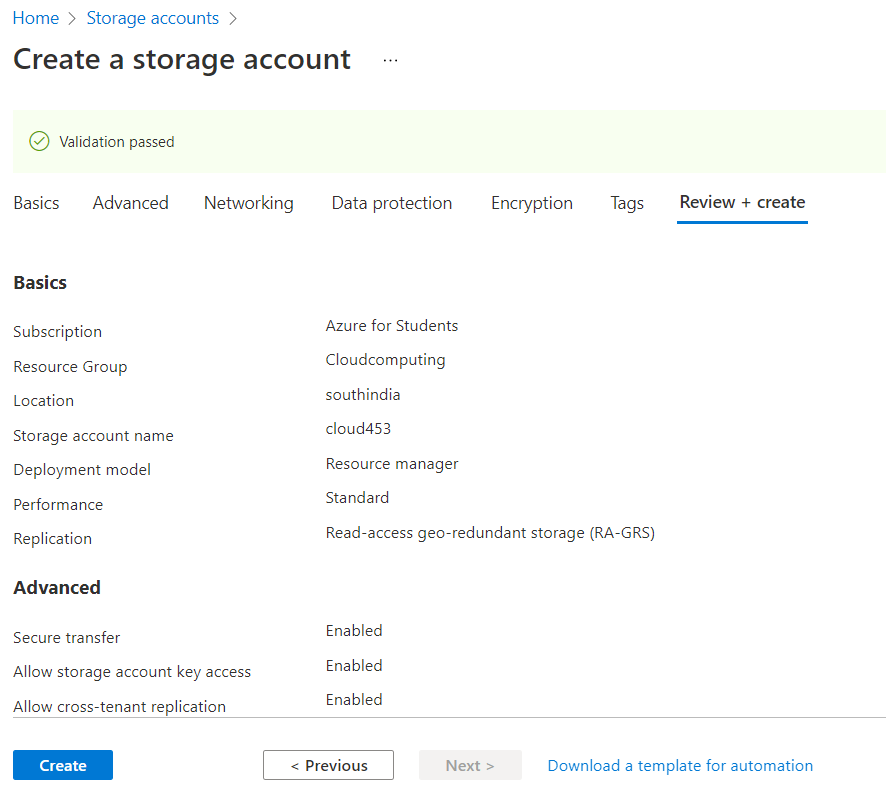
* **NodeJS Code (azure.js):**

const { BlobServiceClient } = require("@azure/storage-blob");  
  
async function main() {  
  
 blobServiceClient = new BlobServiceClient("https://cloud453.blob.core.windows.net/?sv=2020-08-04&ss=bfqt&srt=sco&sp=rwdlacupitfx&se=2022-02-22T18:45:08Z&st=2022-02-22T10:45:08Z&spr=https&sig=zhSjetrk8QsSS7gScswKxulolnoYjHTqbgCSSgefkWY%3D");  
  
 // Create a container  
 const containerName = `mysamplecontainer19453`;  
 const containerClient = blobServiceClient.getContainerClient(containerName);  
 const createContainerResponse = await containerClient.create();  
  
 // get all containers  
 let i = 1;  
 let containers = blobServiceClient.listContainers();  
 for await (const container of containers) {  
 ***console***.log(`${container.name}`);  
 }  
  
  
 // upload image   
 const blockBlobClient = containerClient.getBlockBlobClient("image.png");  
 const uploadBlobResponse = await blockBlobClient.uploadFile('C:\\Users\\Administrator\\Downloads\\cloudimg1.png');  
  
 // get all blobs  
 i = 1;  
 let blobs = containerClient.listBlobsFlat();  
 for await (const blob of blobs) {  
 ***console***.log(`${blob.name}`);  
 }  
  
}  
  
main();

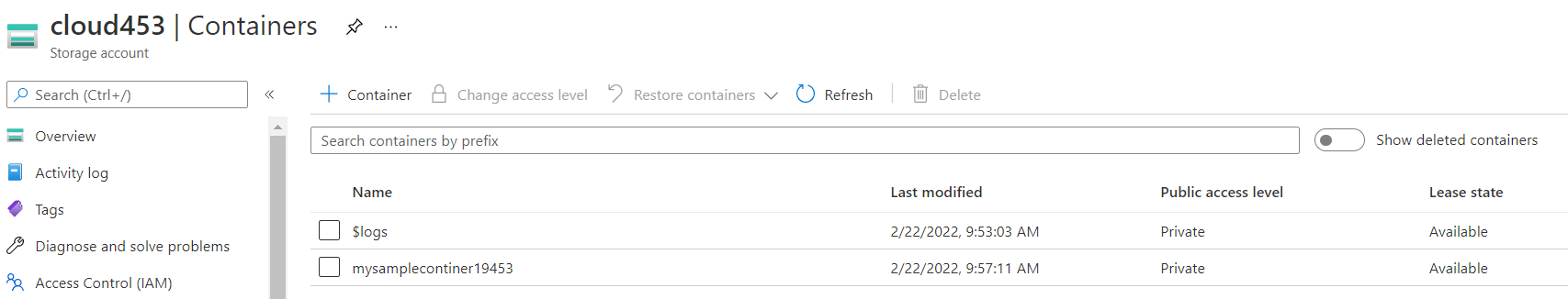
* **Creating a container and uploading an image file:**



**Storage Snippet:**



* **Container Snippet:**



* **Uploaded Files:**

