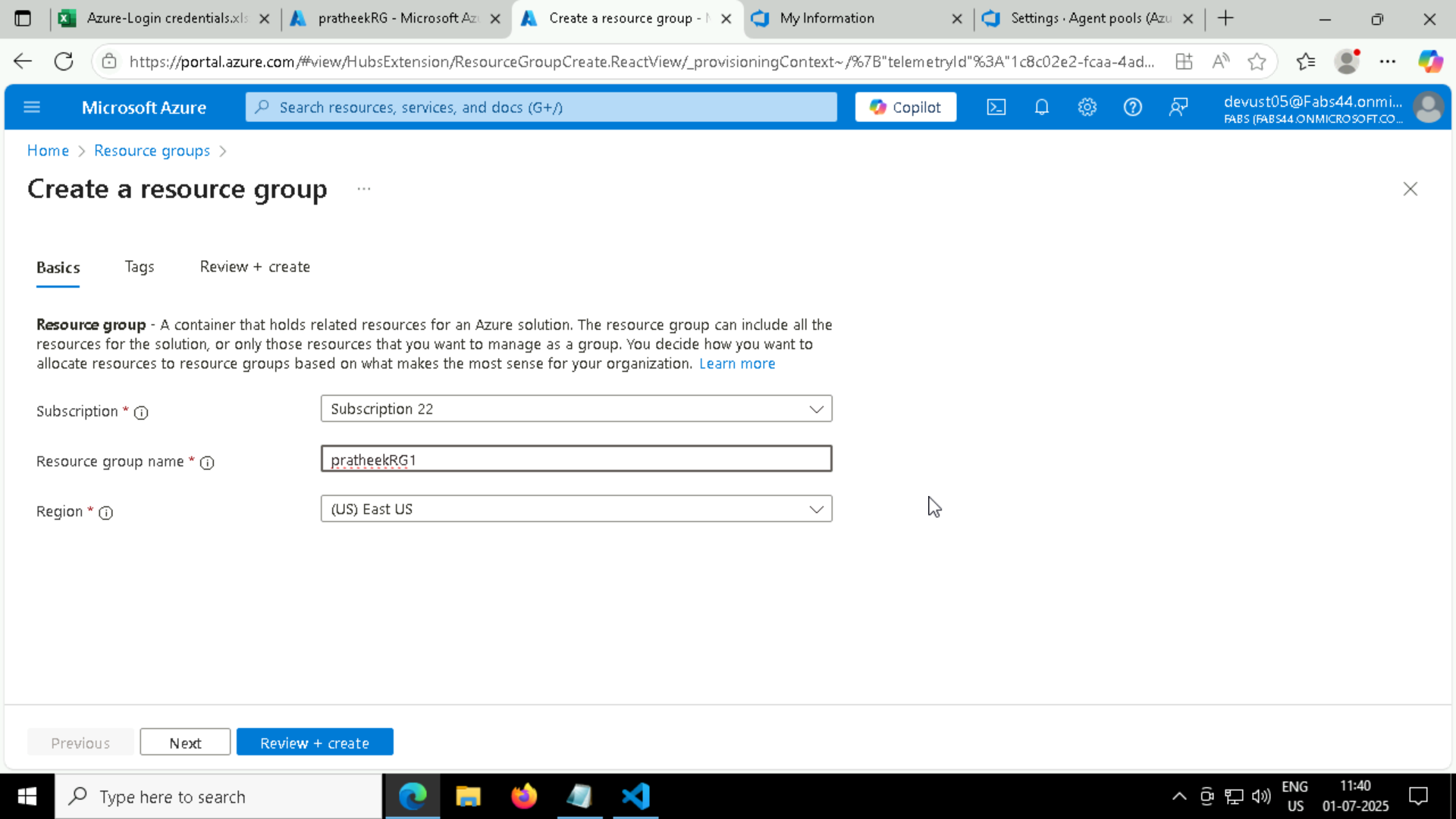
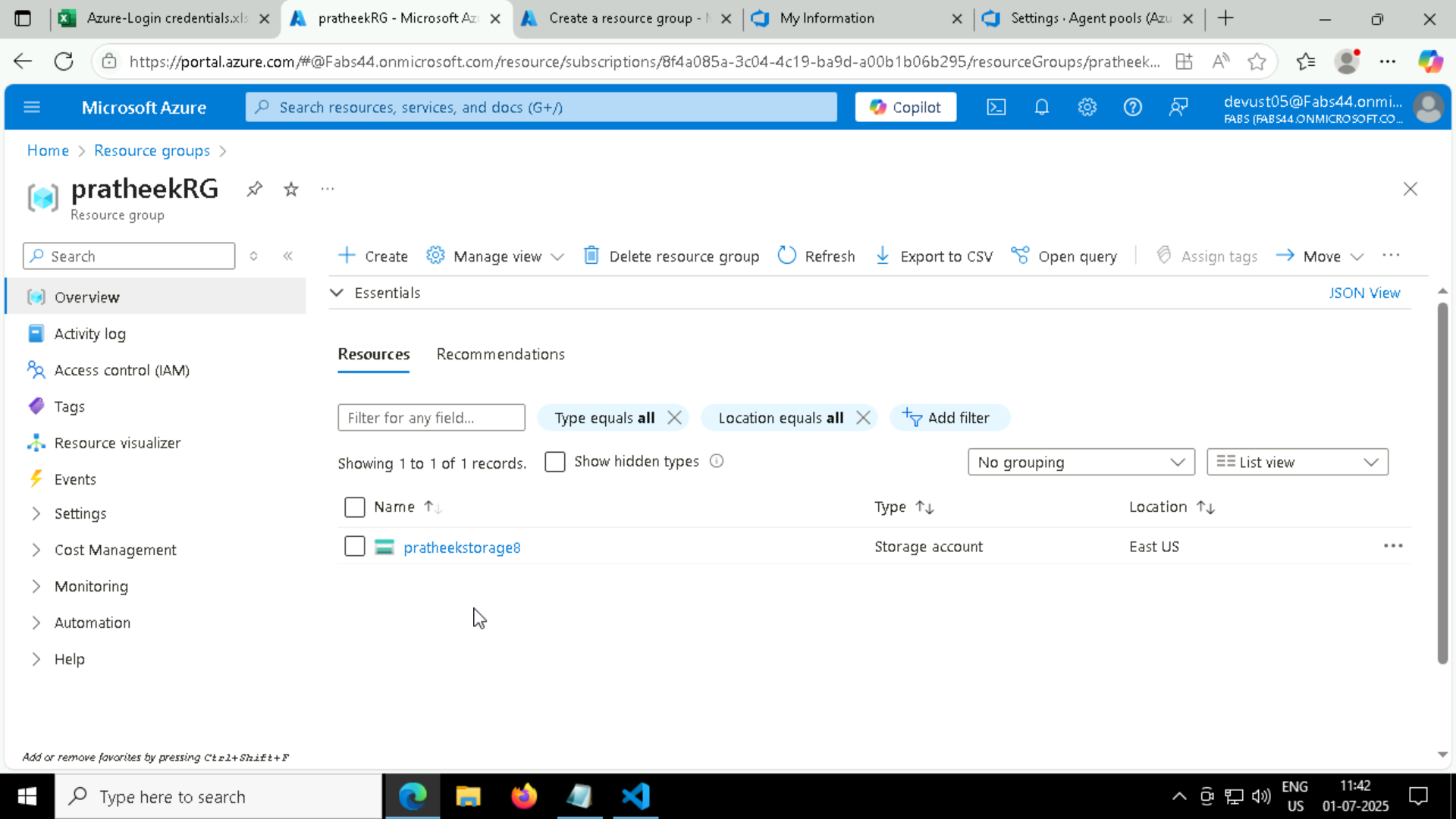
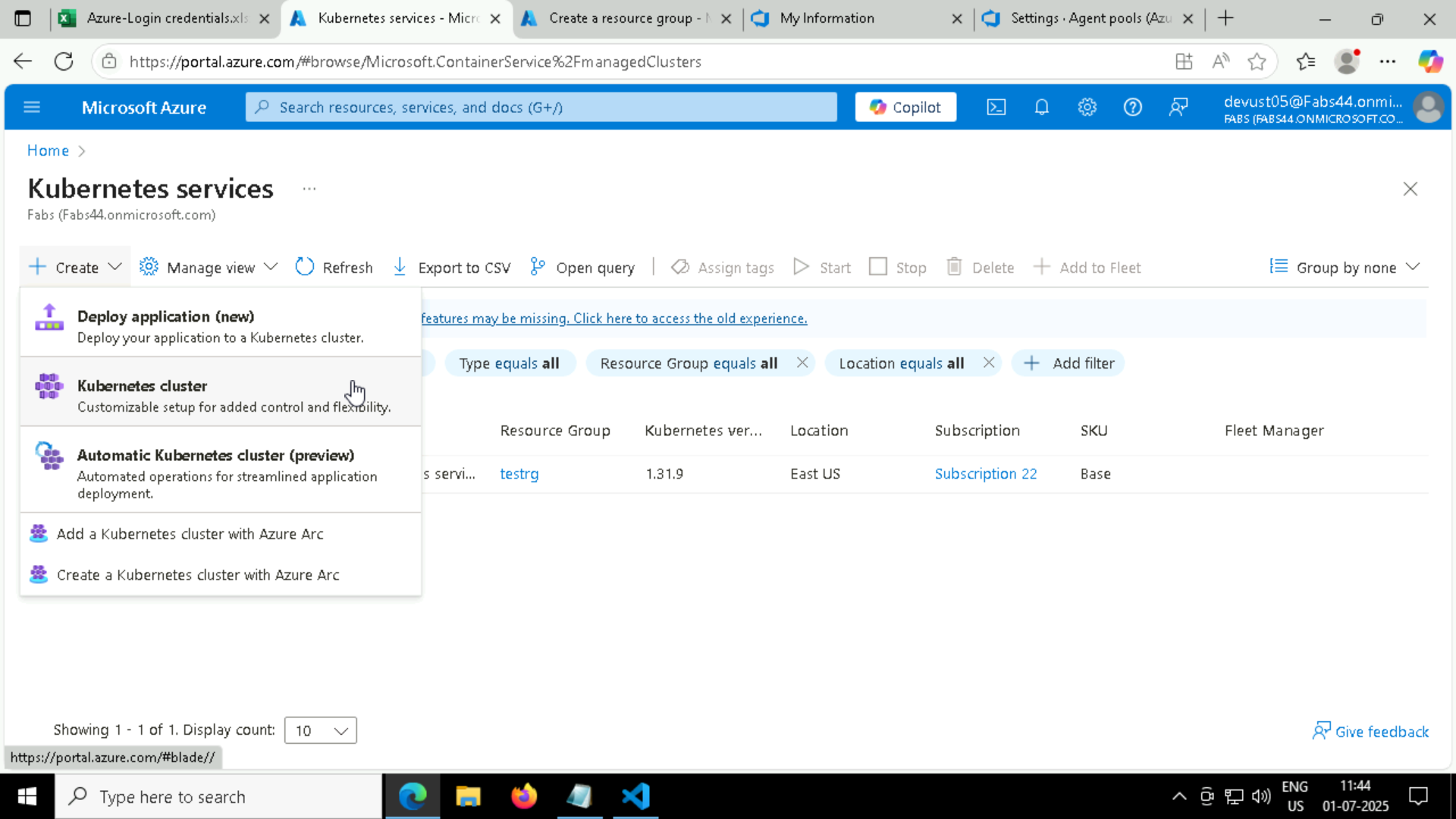
# **AZURE**

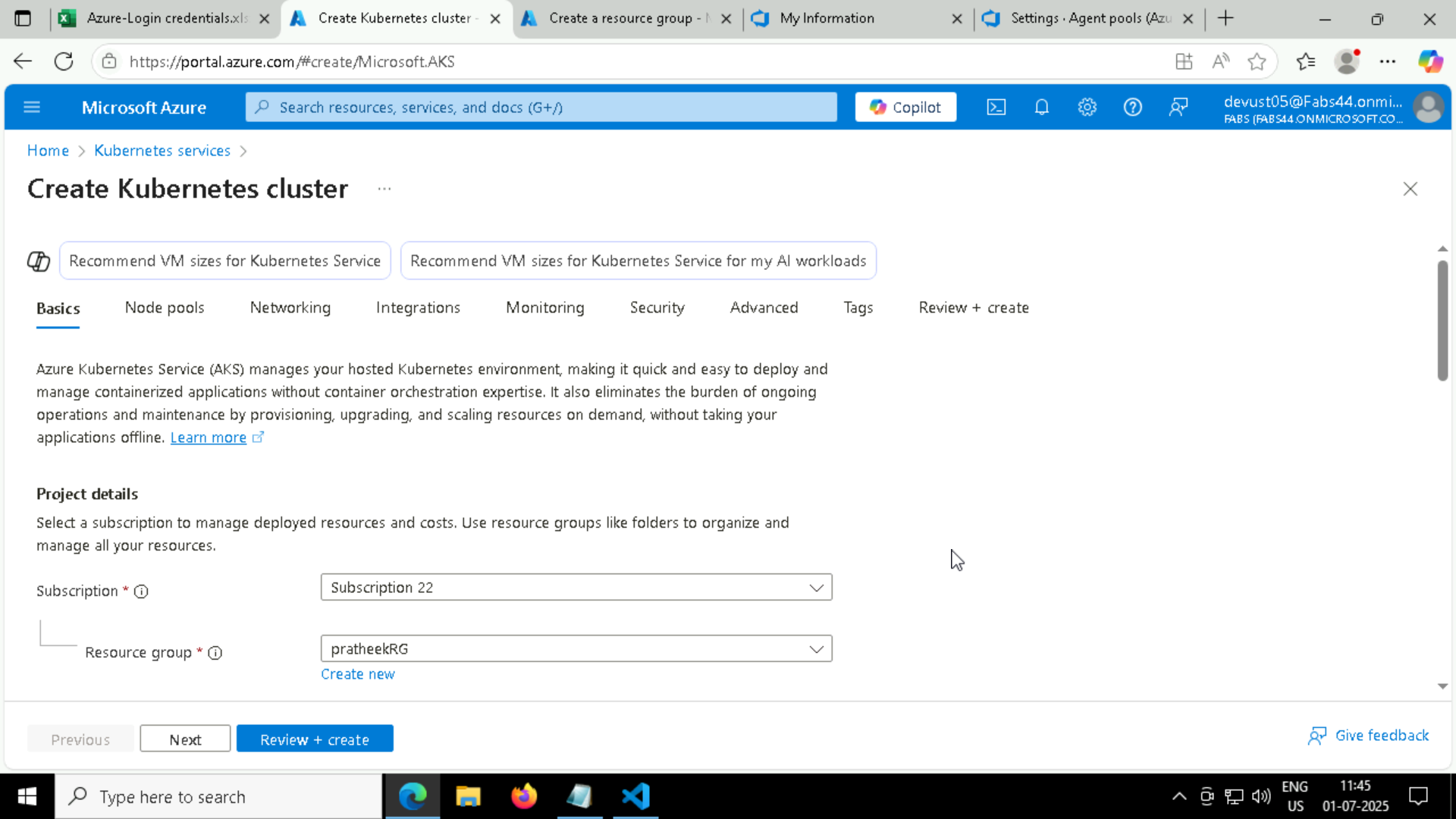
* **PROVISIONING AZURE RESOURCES**

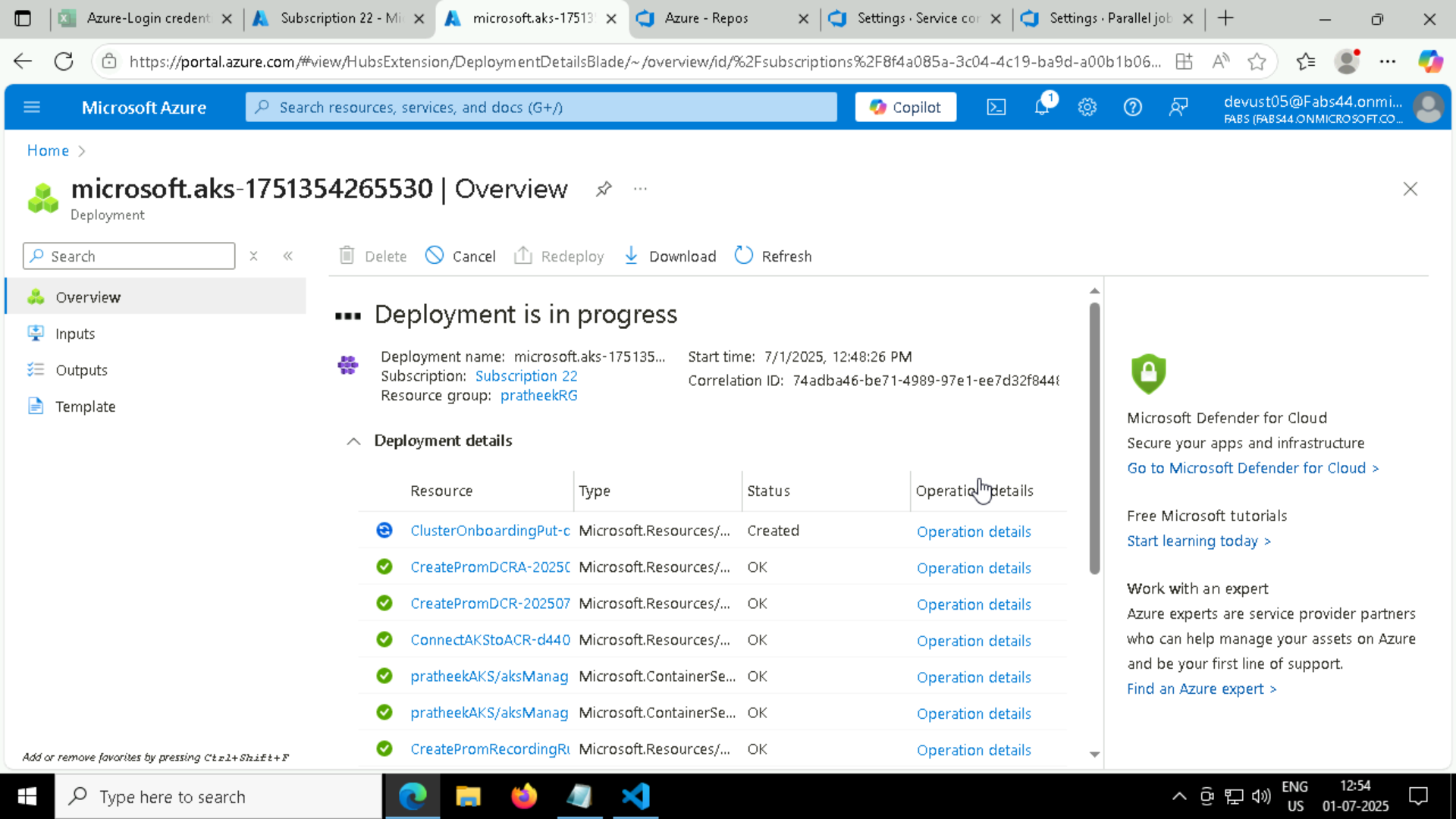
**Resource Group:**

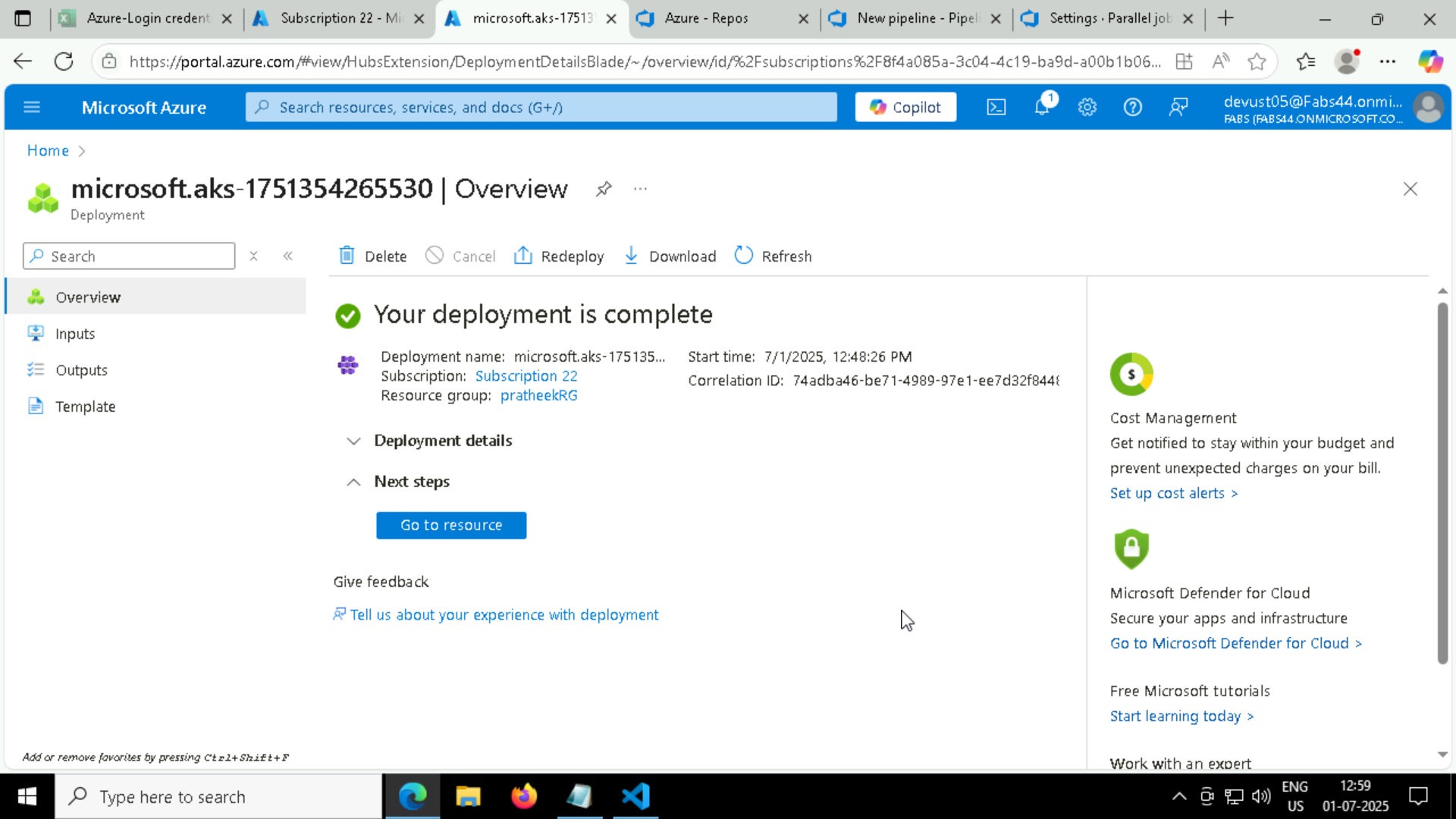
****

**CREATING AKS CLUSTER:**



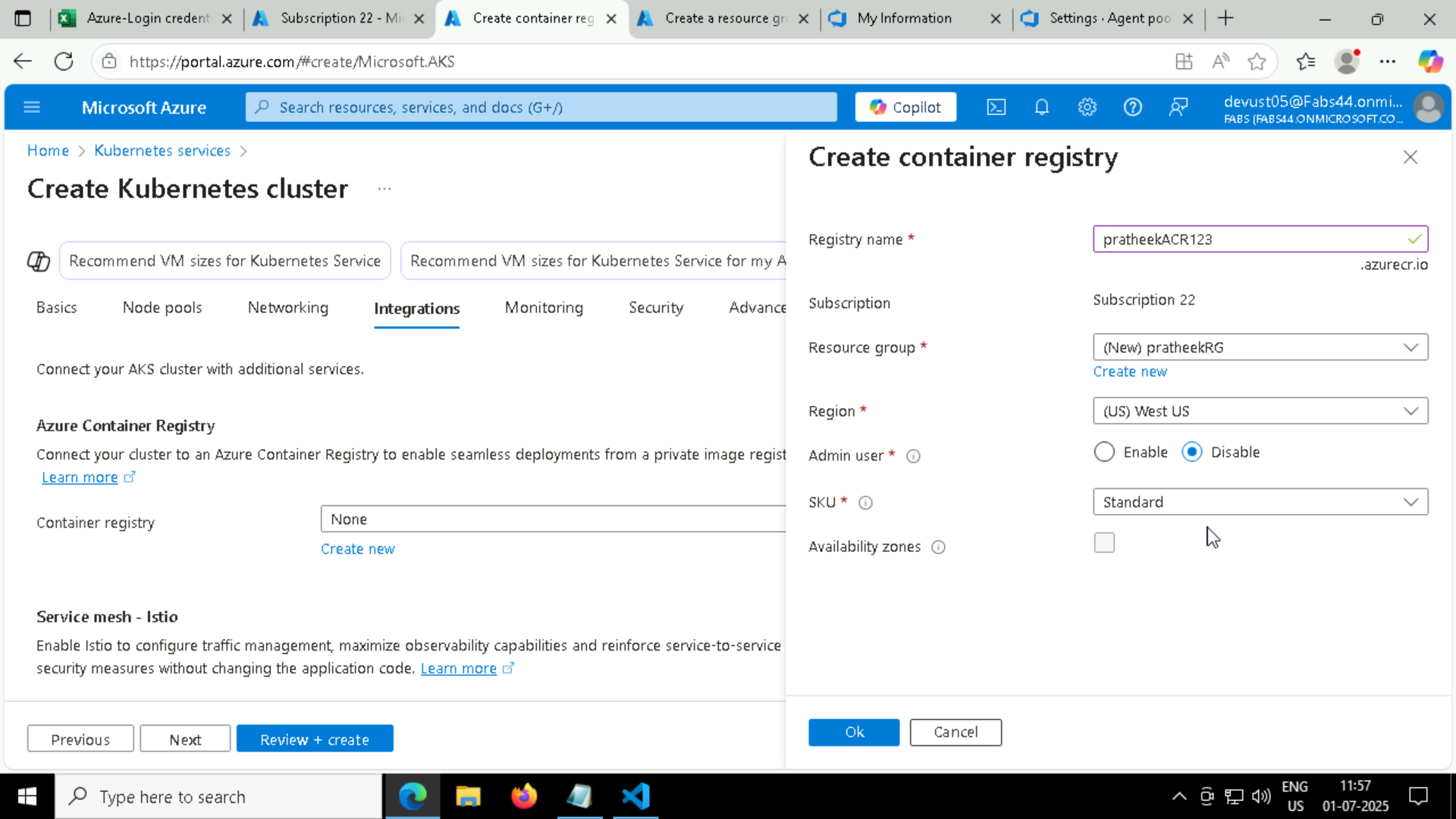


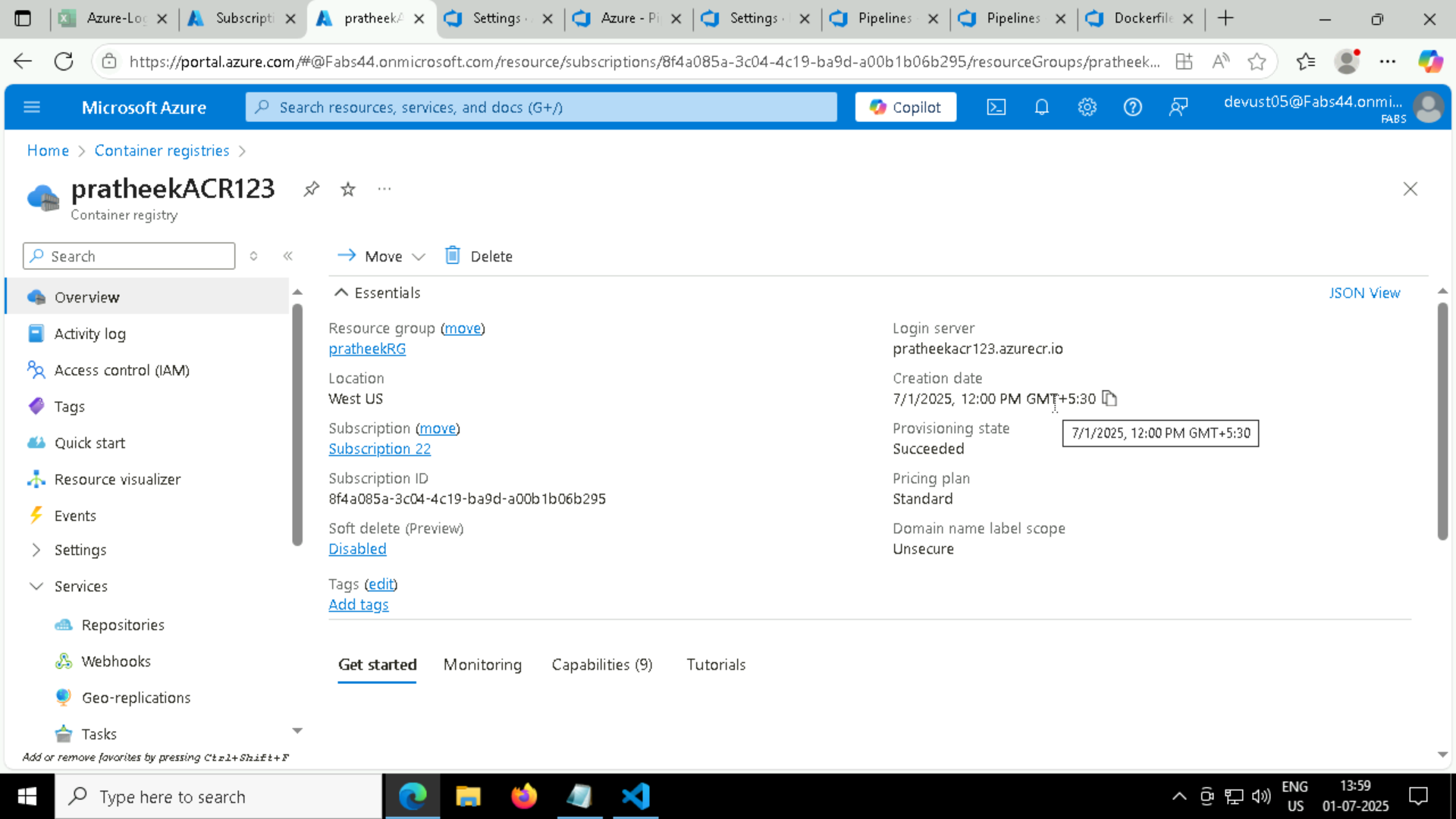




**The deployment of pratheekAKS cluster is complete.**

**Creating ACR and integrating with AKS:**

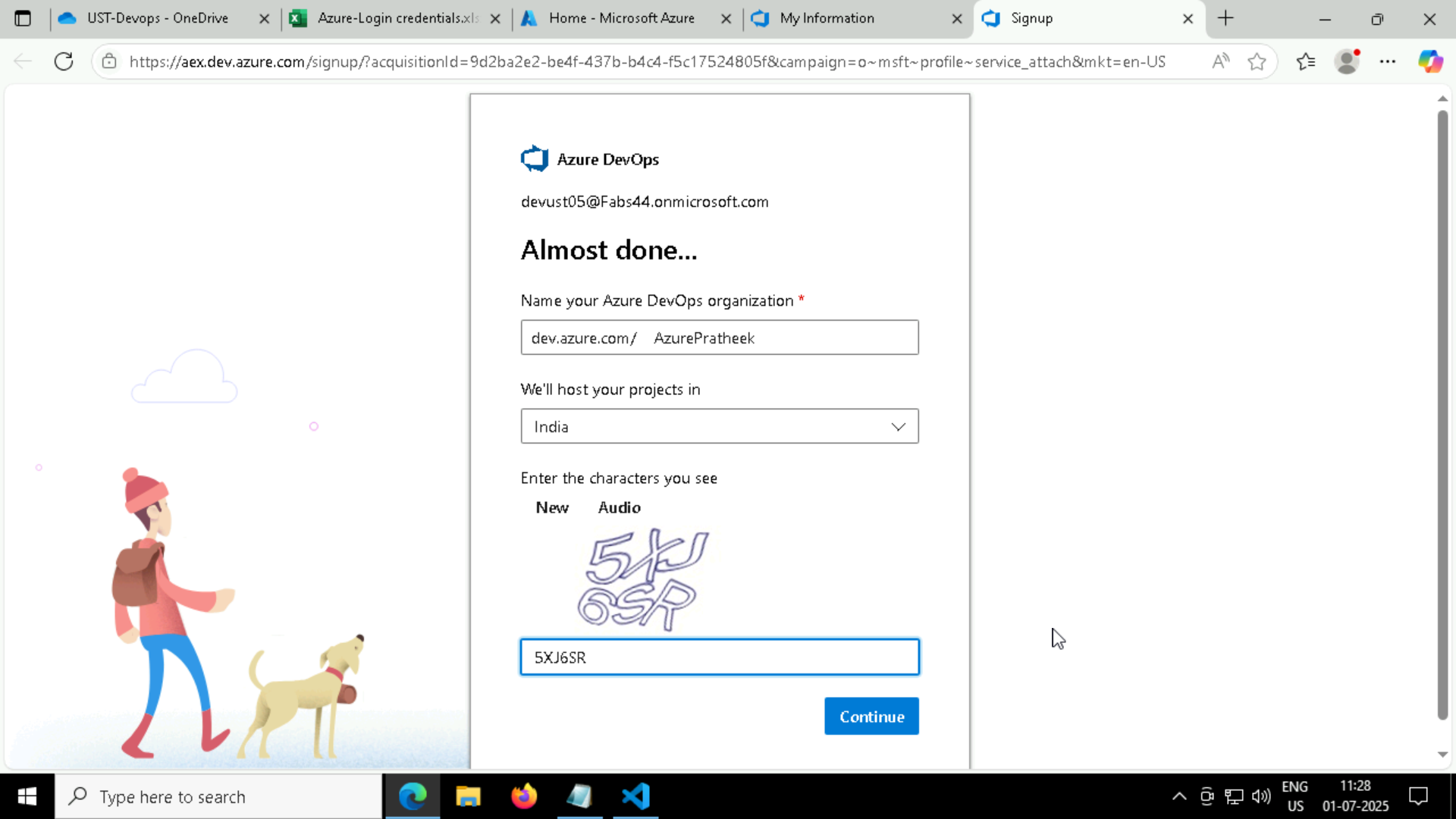




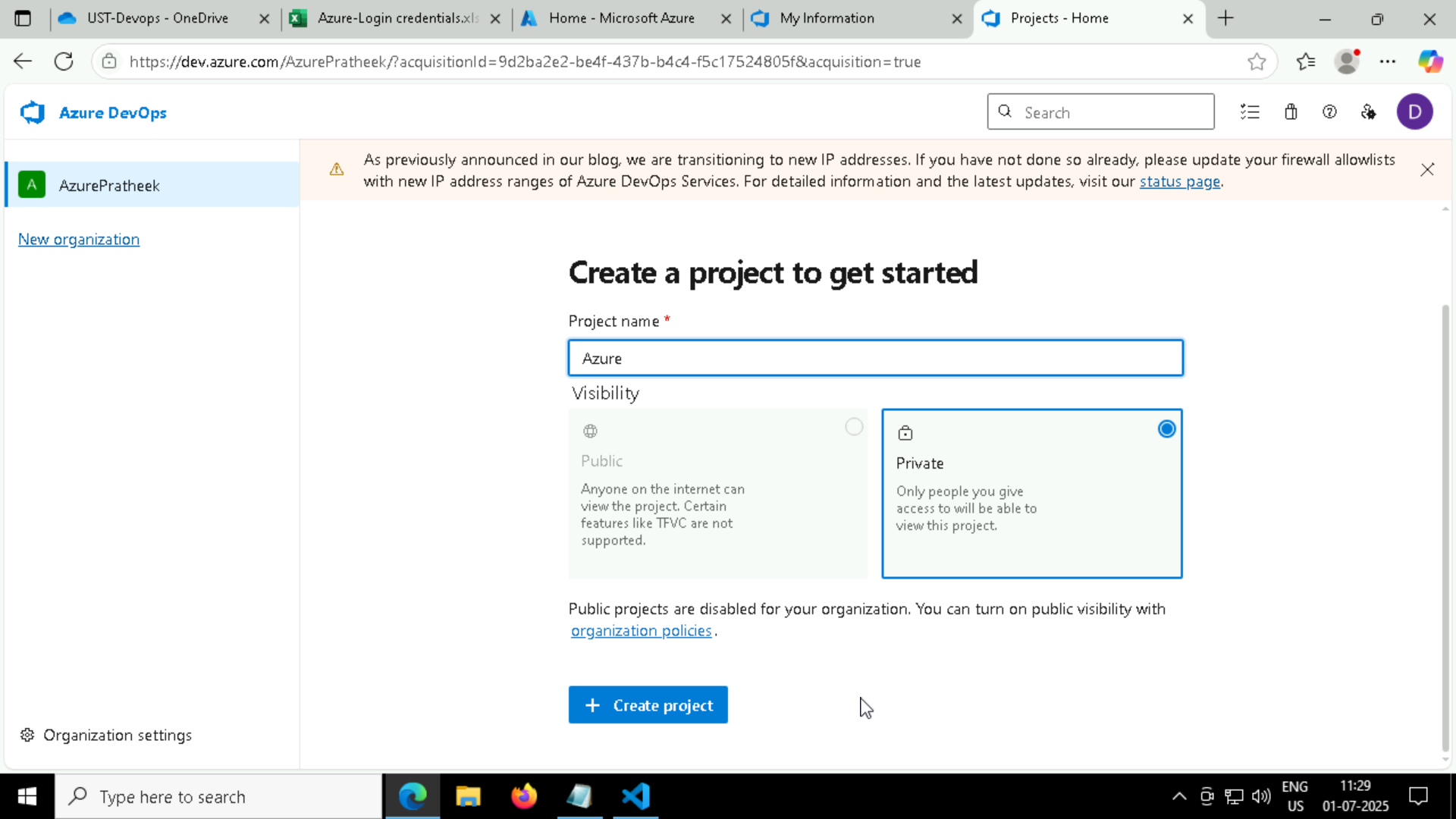
**From the above, we can see pratheekACR is created and is integrated to PratheekAKS cluster**

* **SETTING UP AZURE DEVOPS**

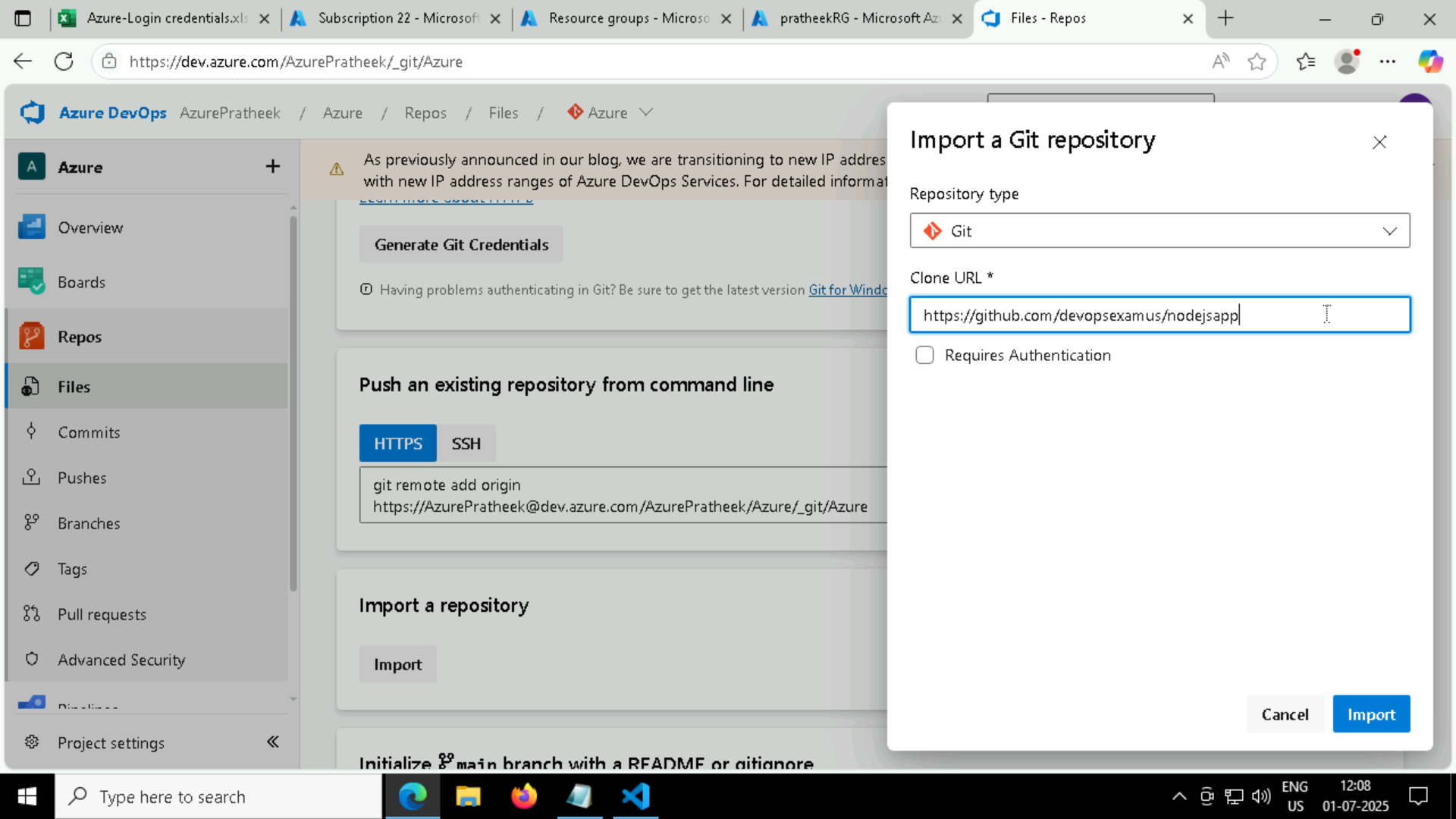
**Creating organization:**

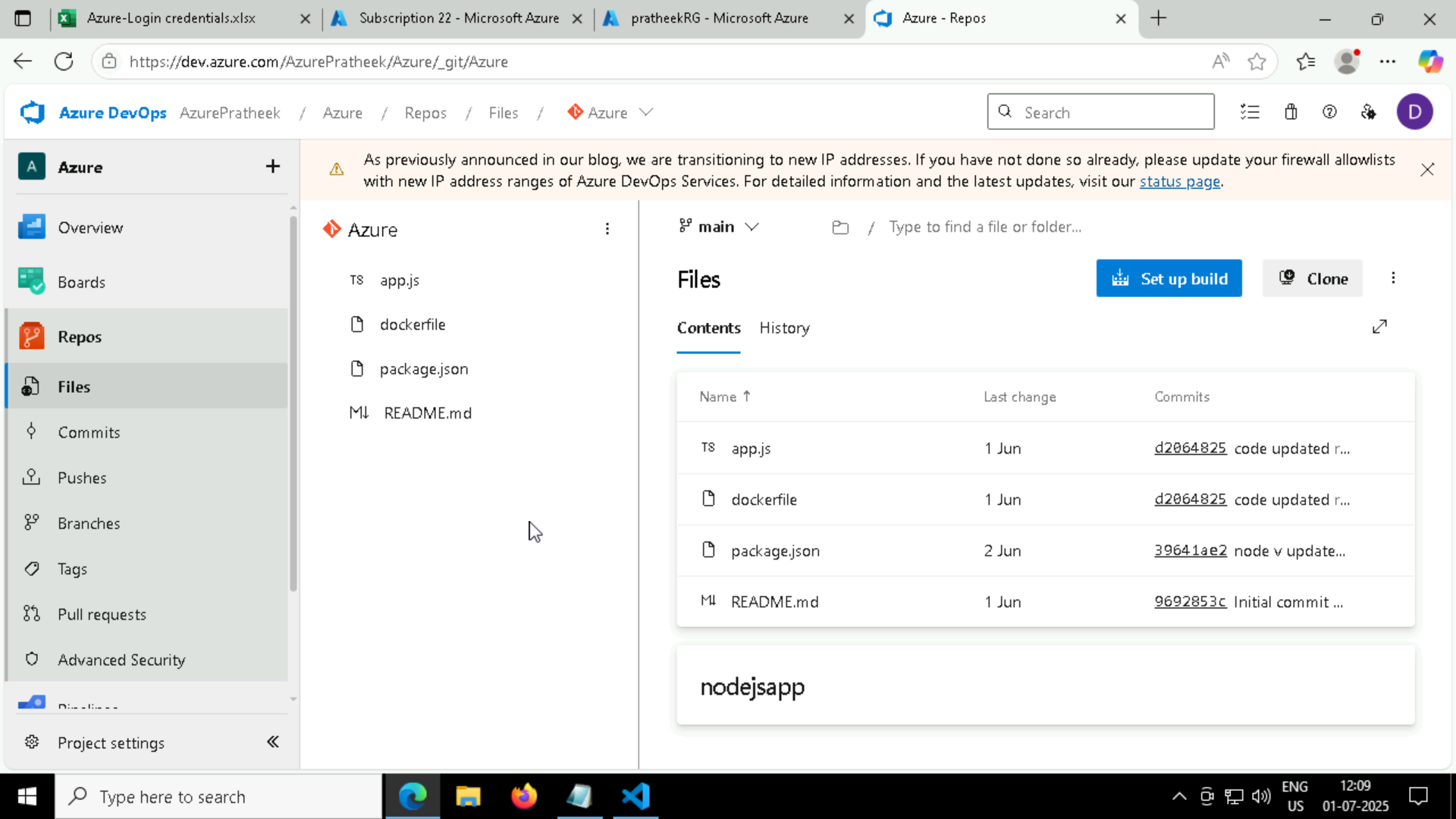
****

**Creating new project:**

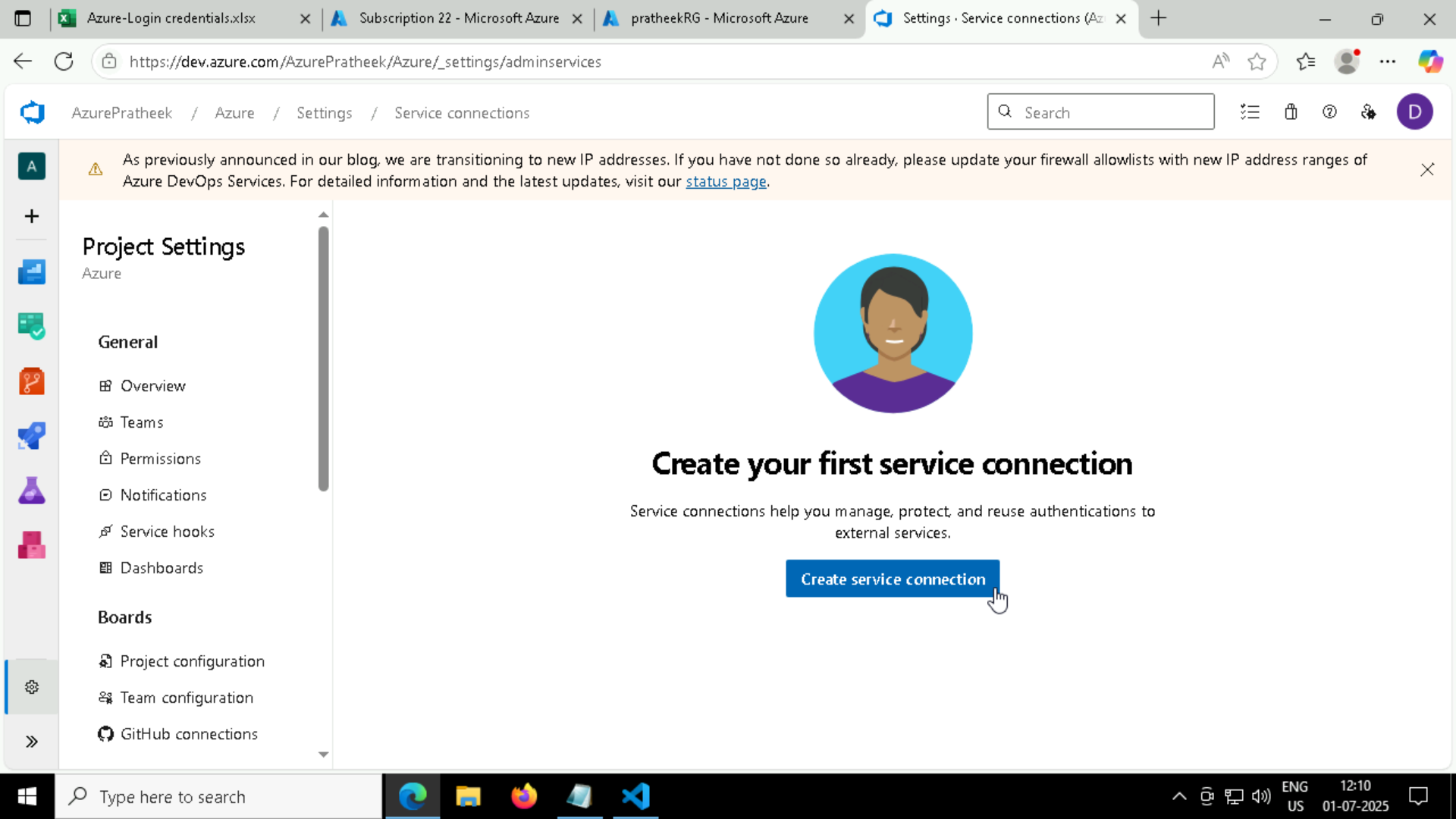
****

**Cloning repository:**

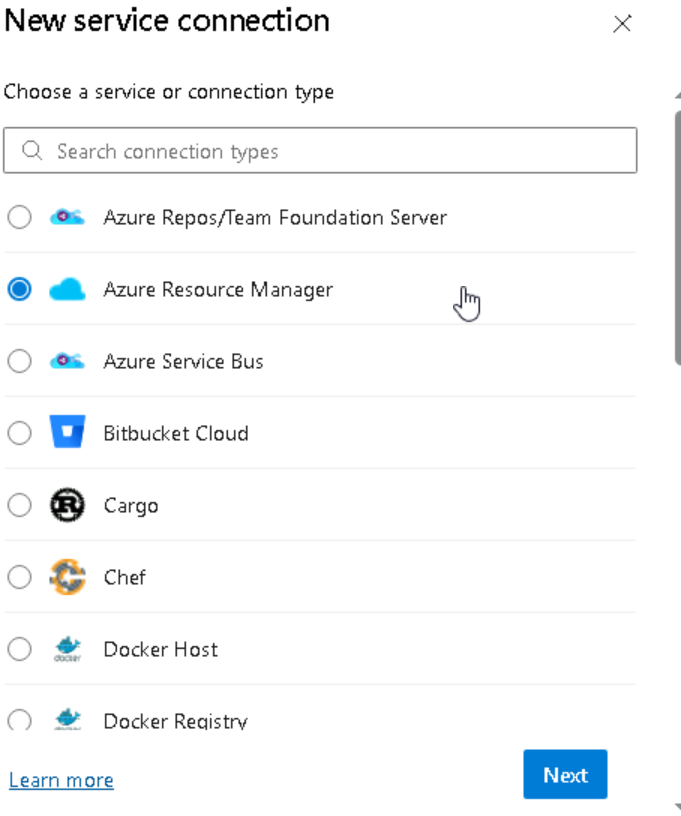
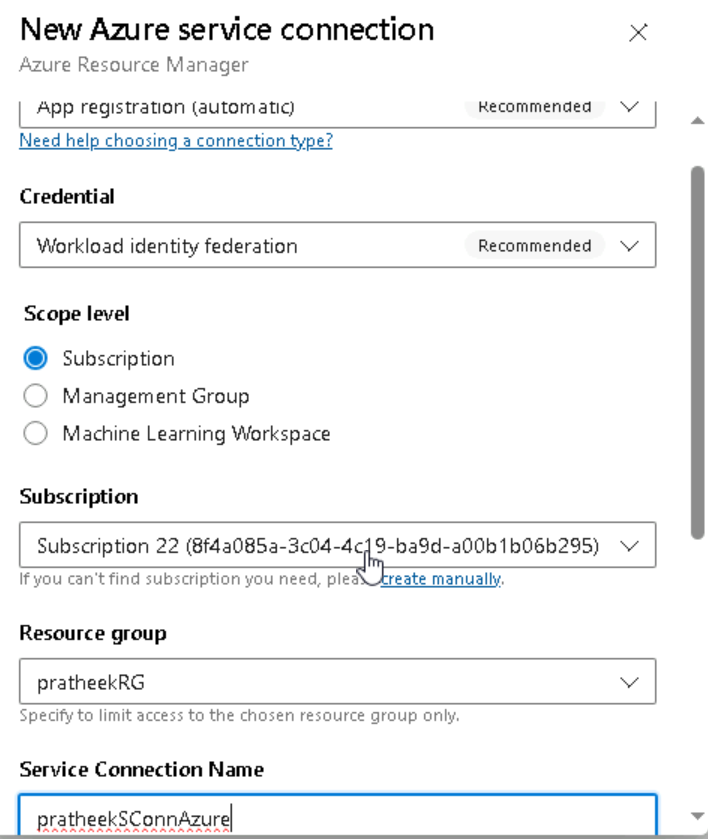


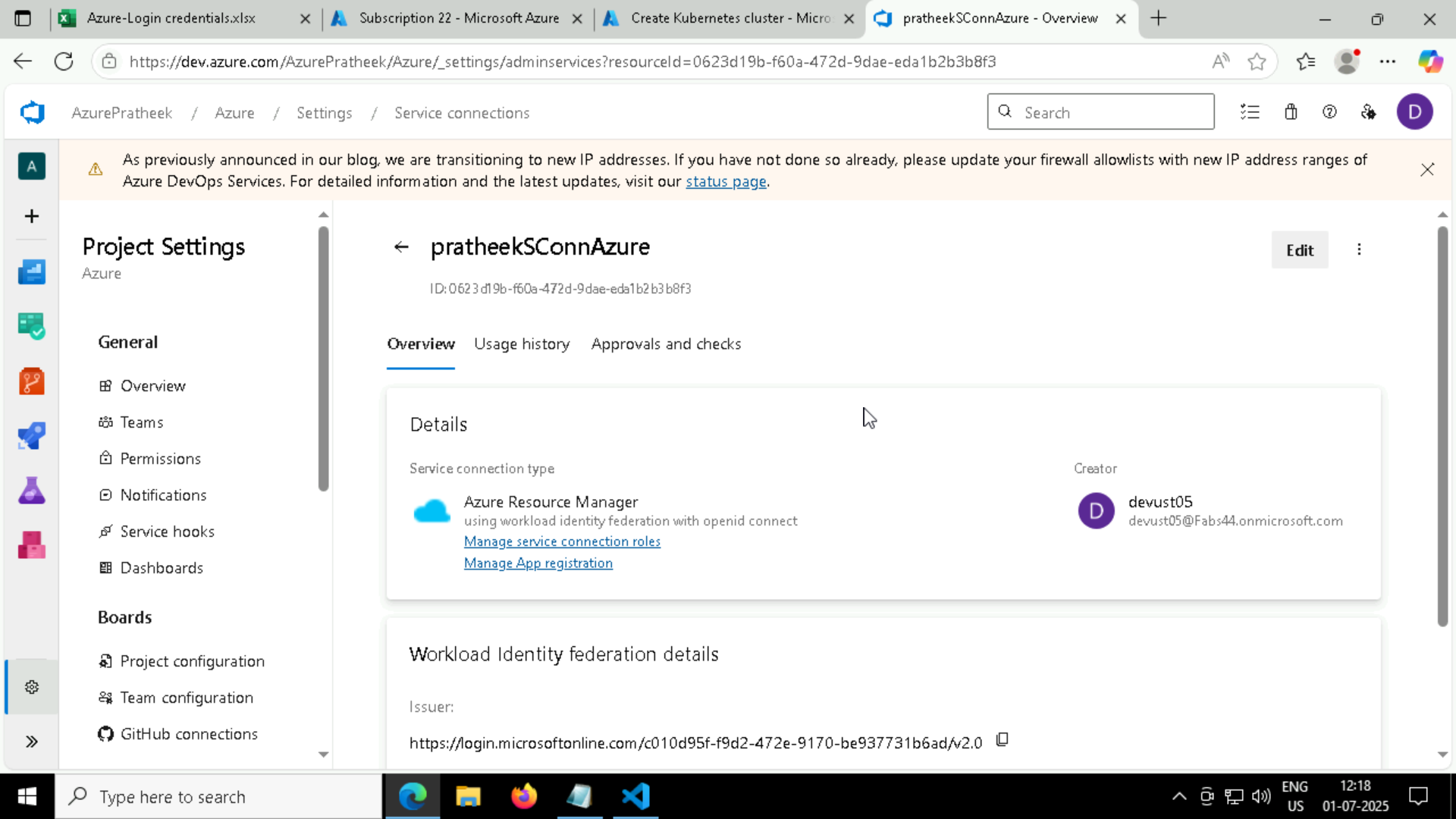


* **Service connections:**

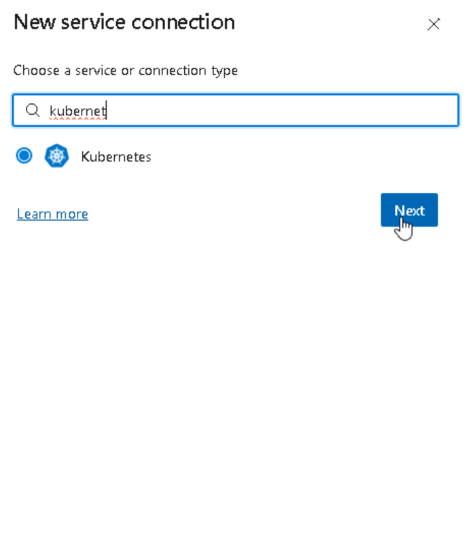


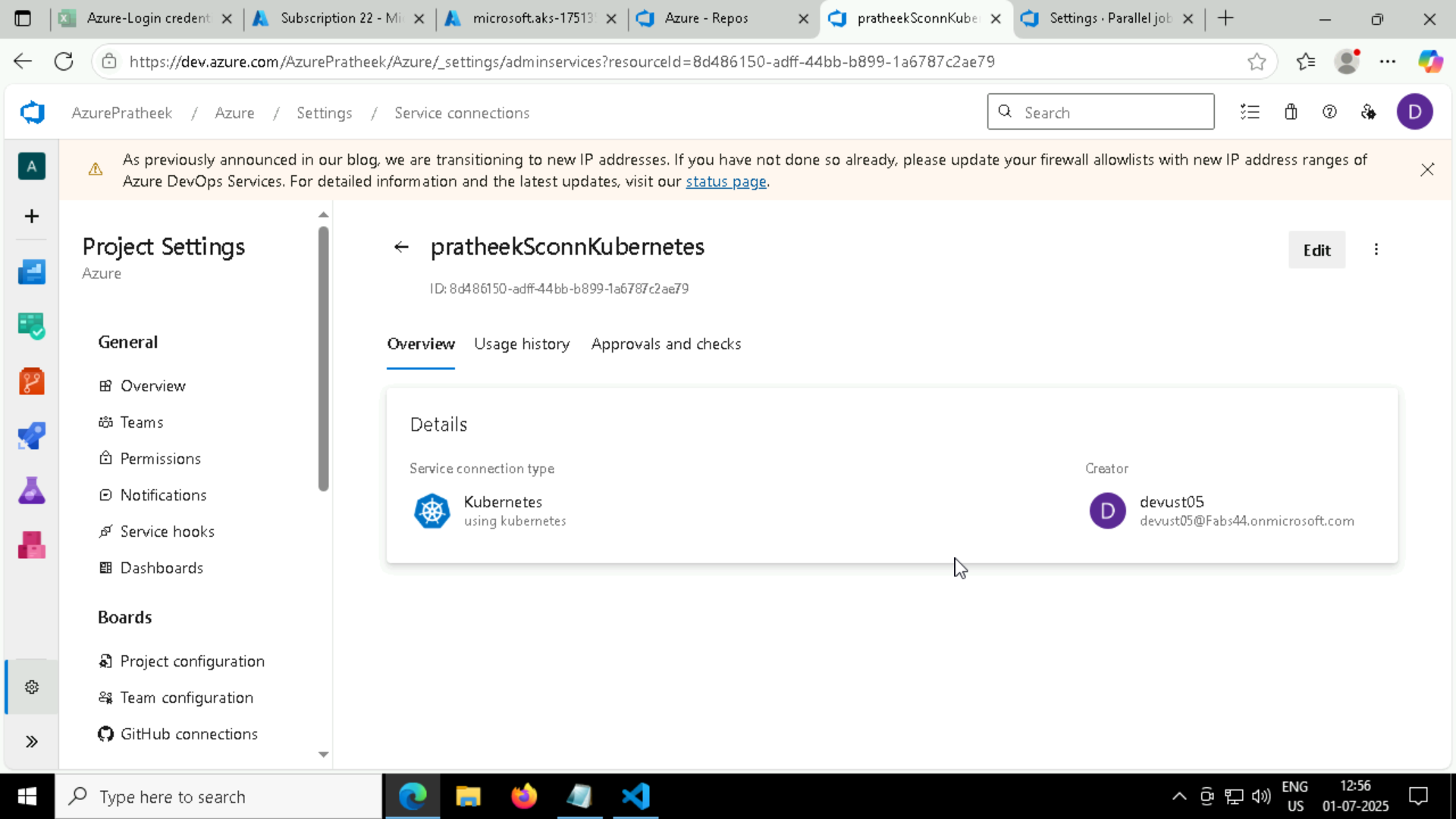
1. **Azure service connection:**

****

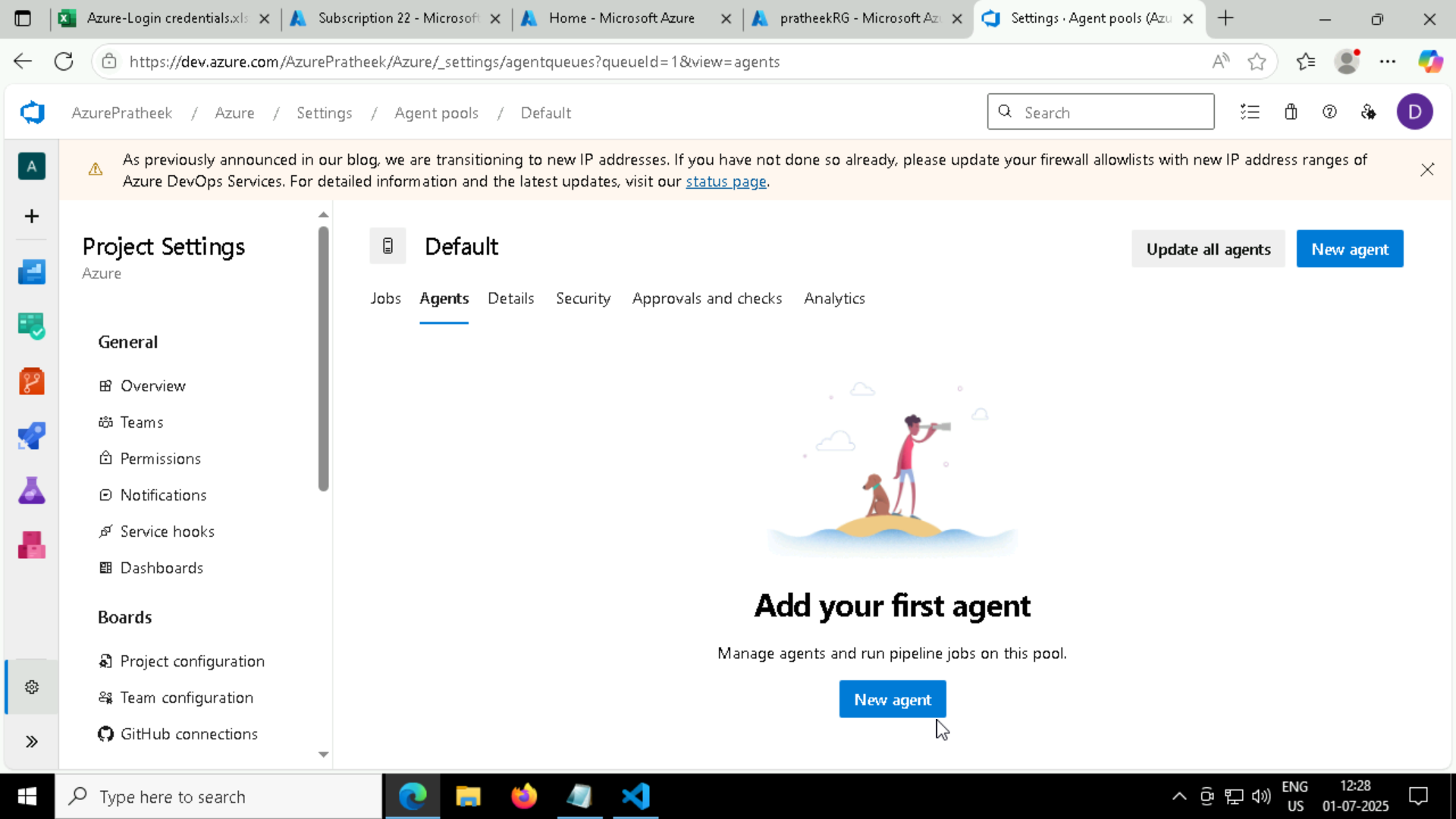


1. **AKS service connection**

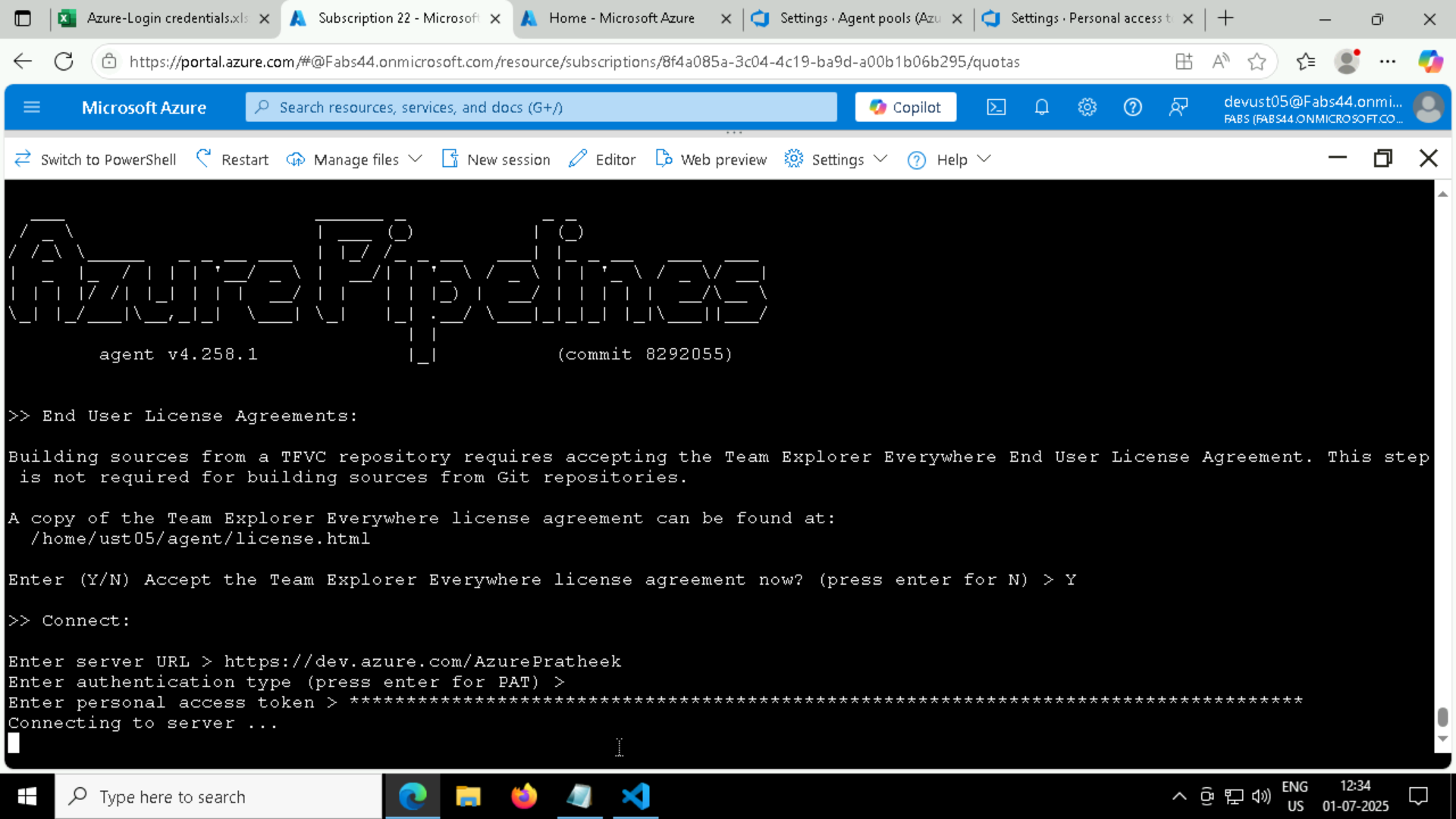
****



**Creating agent:**



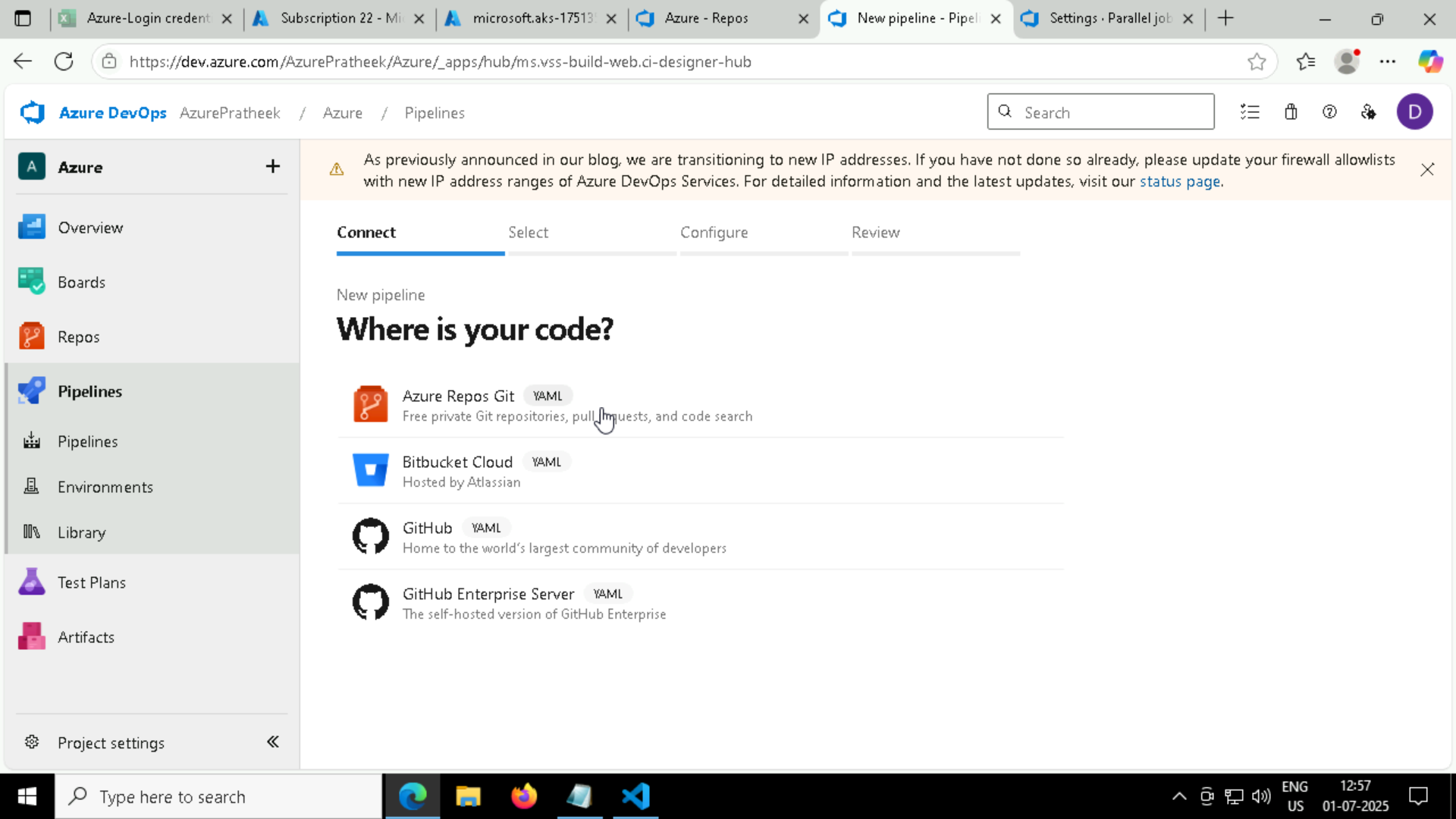
**Adding agent:**

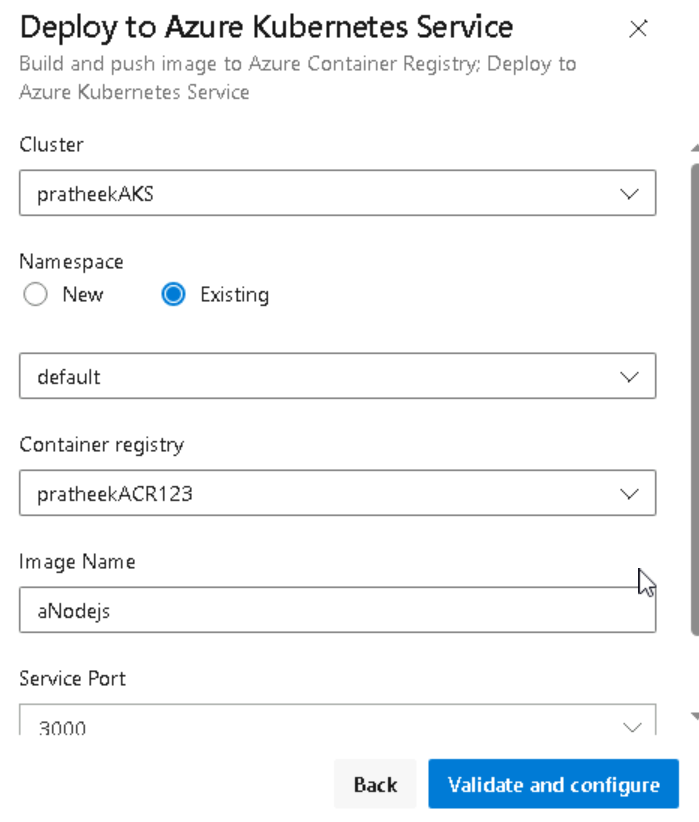




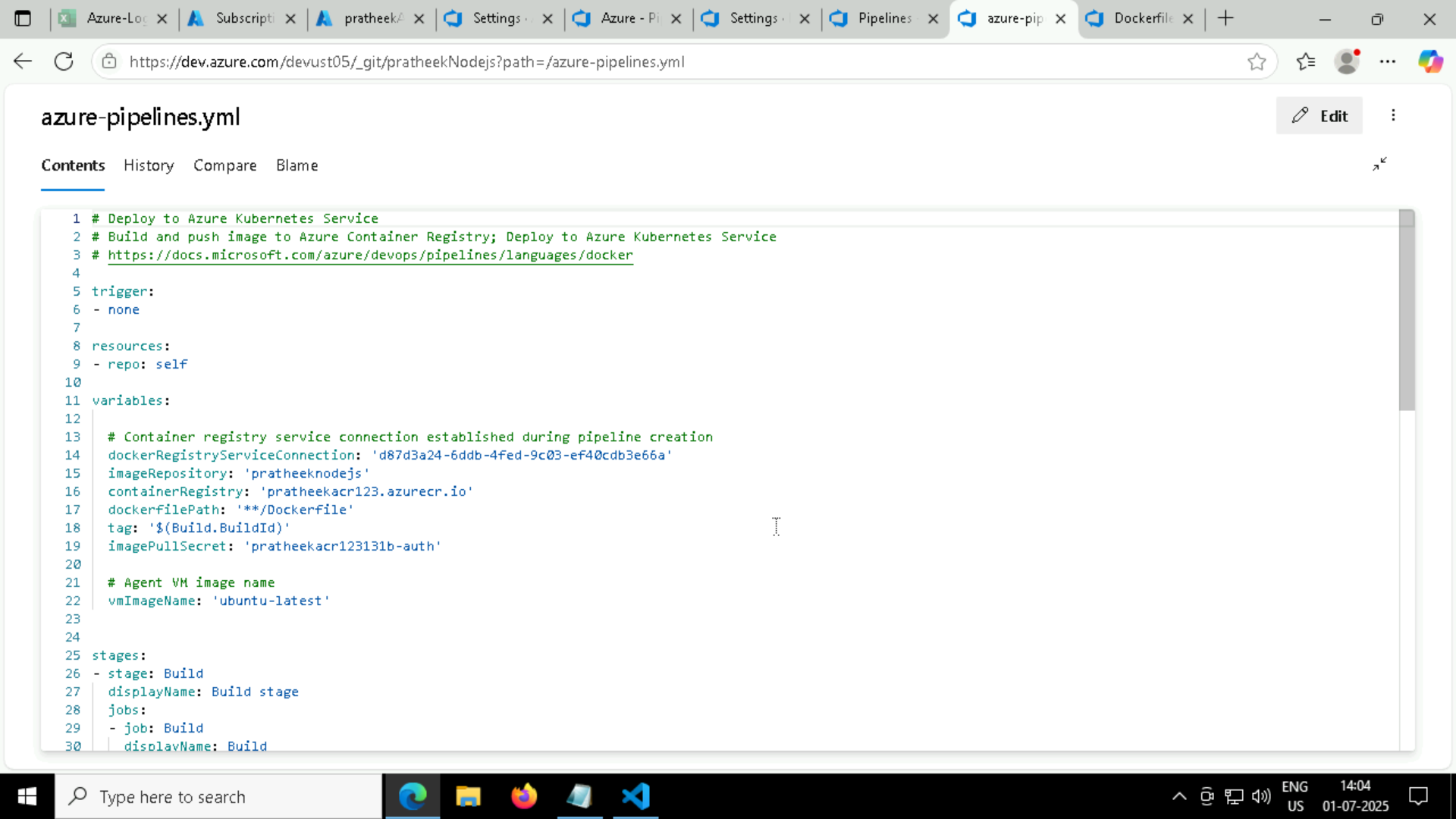
* **CONFIGURING CI/CD PIPELINE**

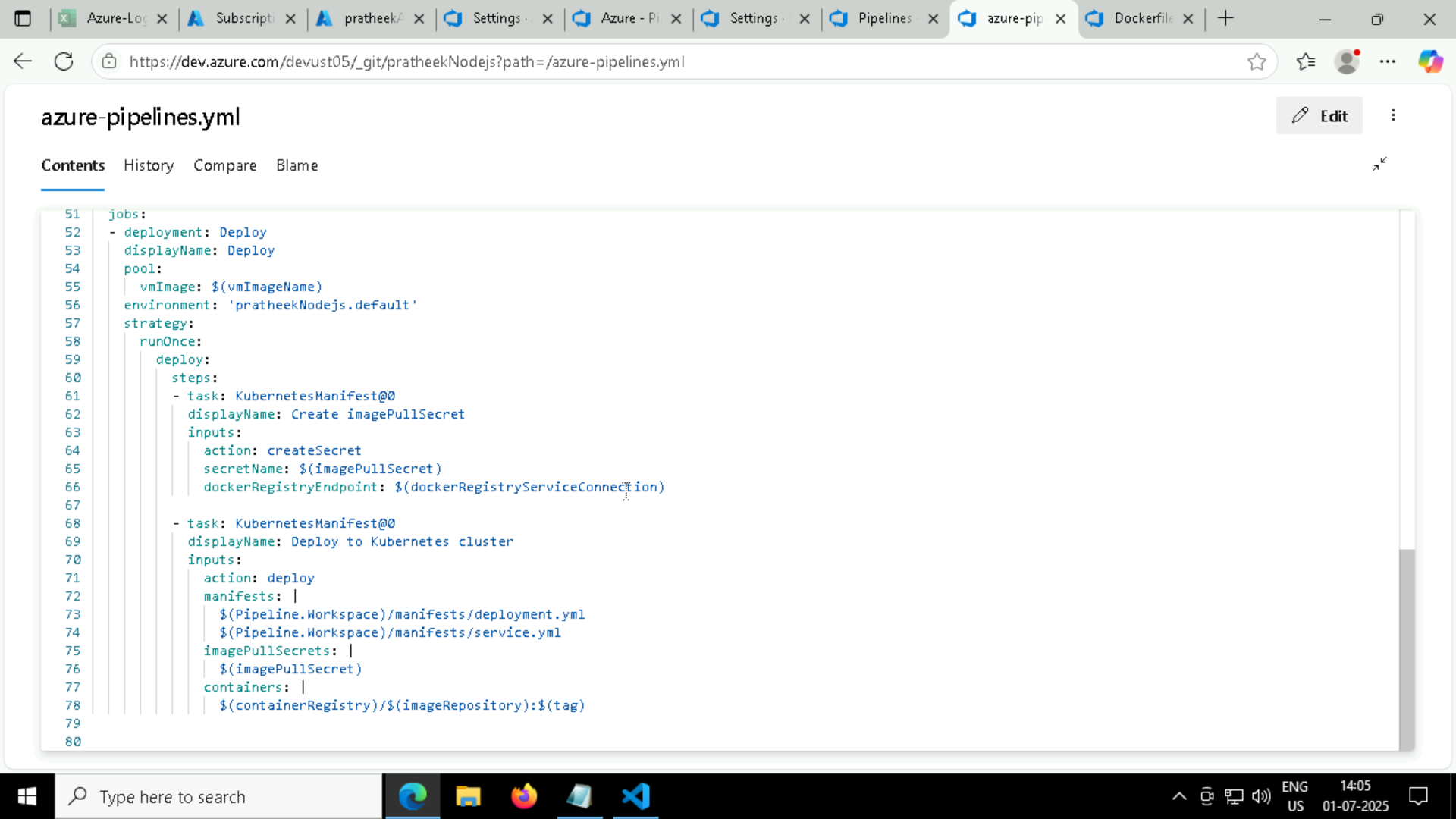
**Building pipeline:**



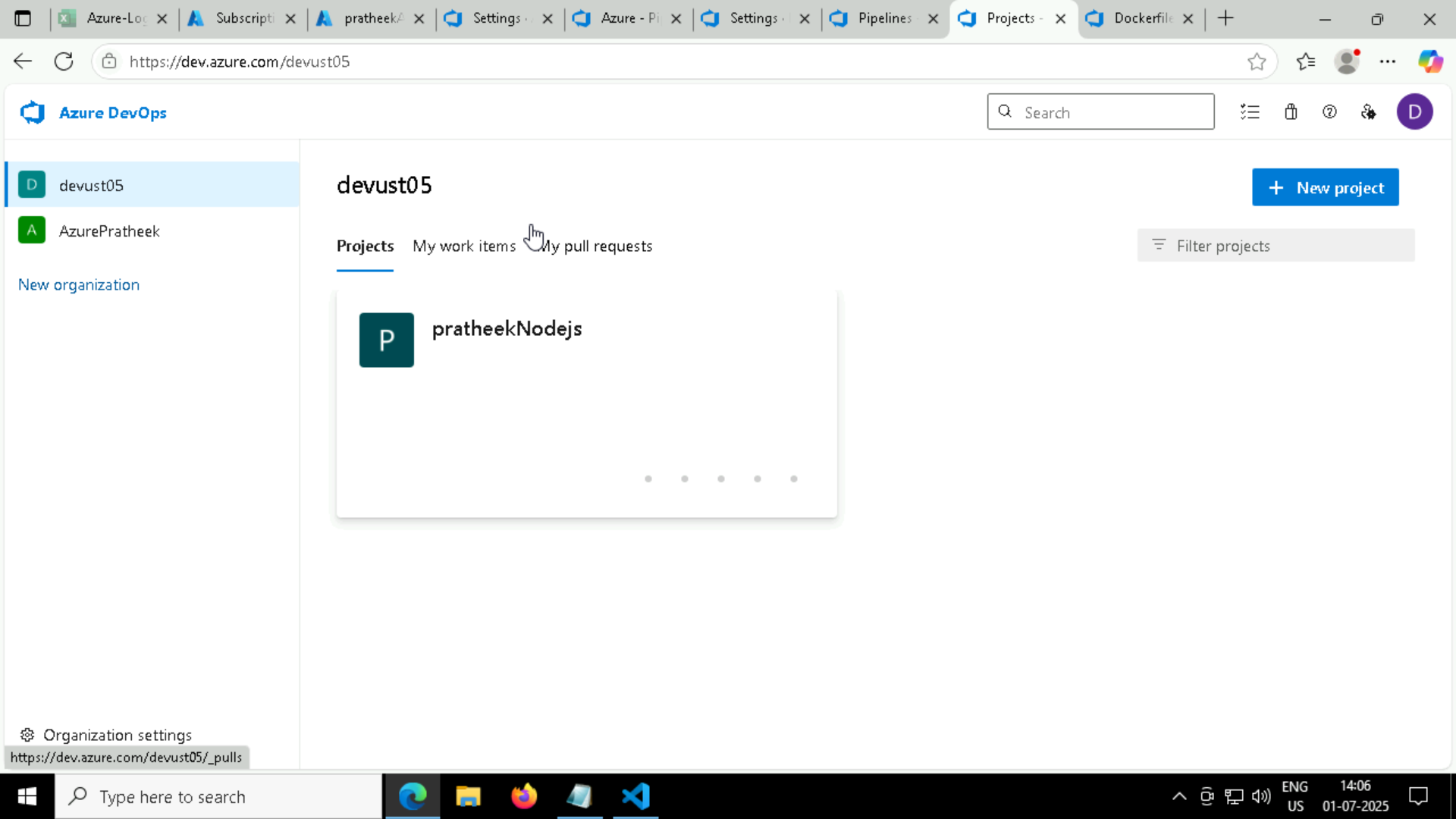
****

**Pipeline yml:**

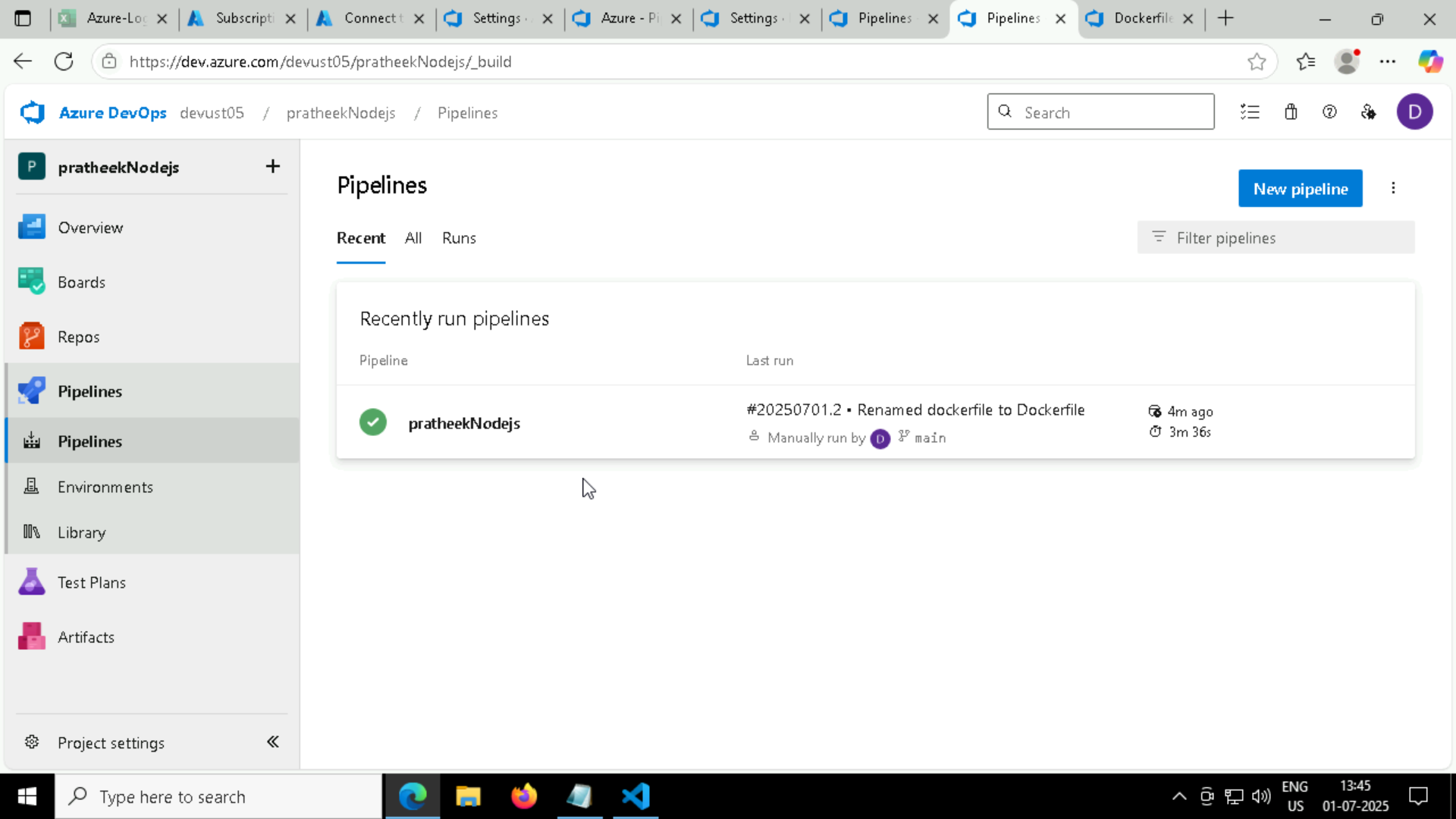


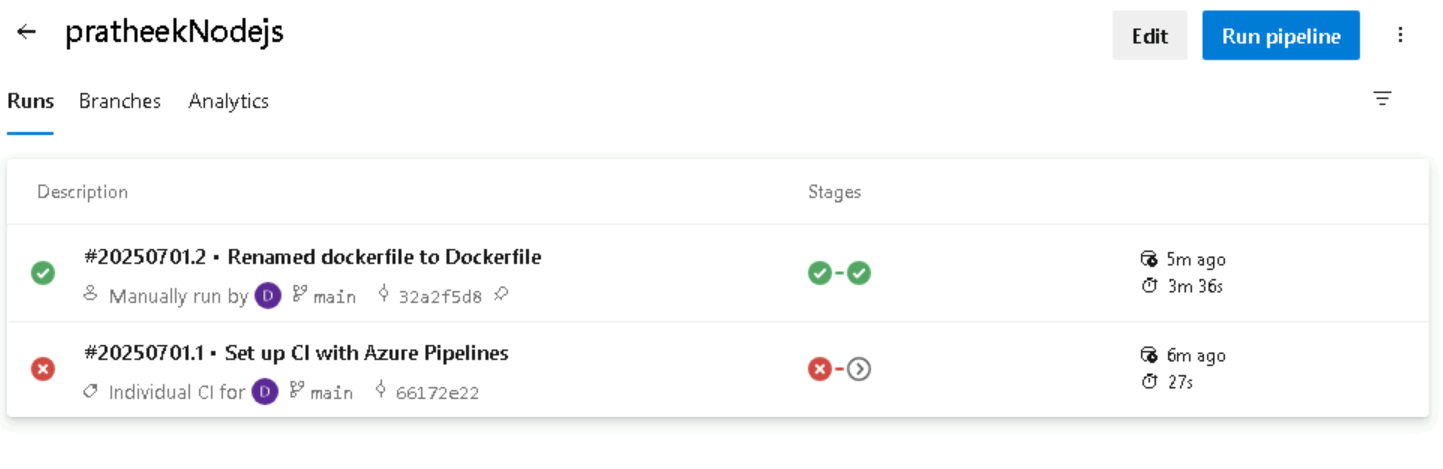


**I had problem with hosting agents. So I created new organization and increased the ms-host -> 4. Thereafter rectifying that issue.**

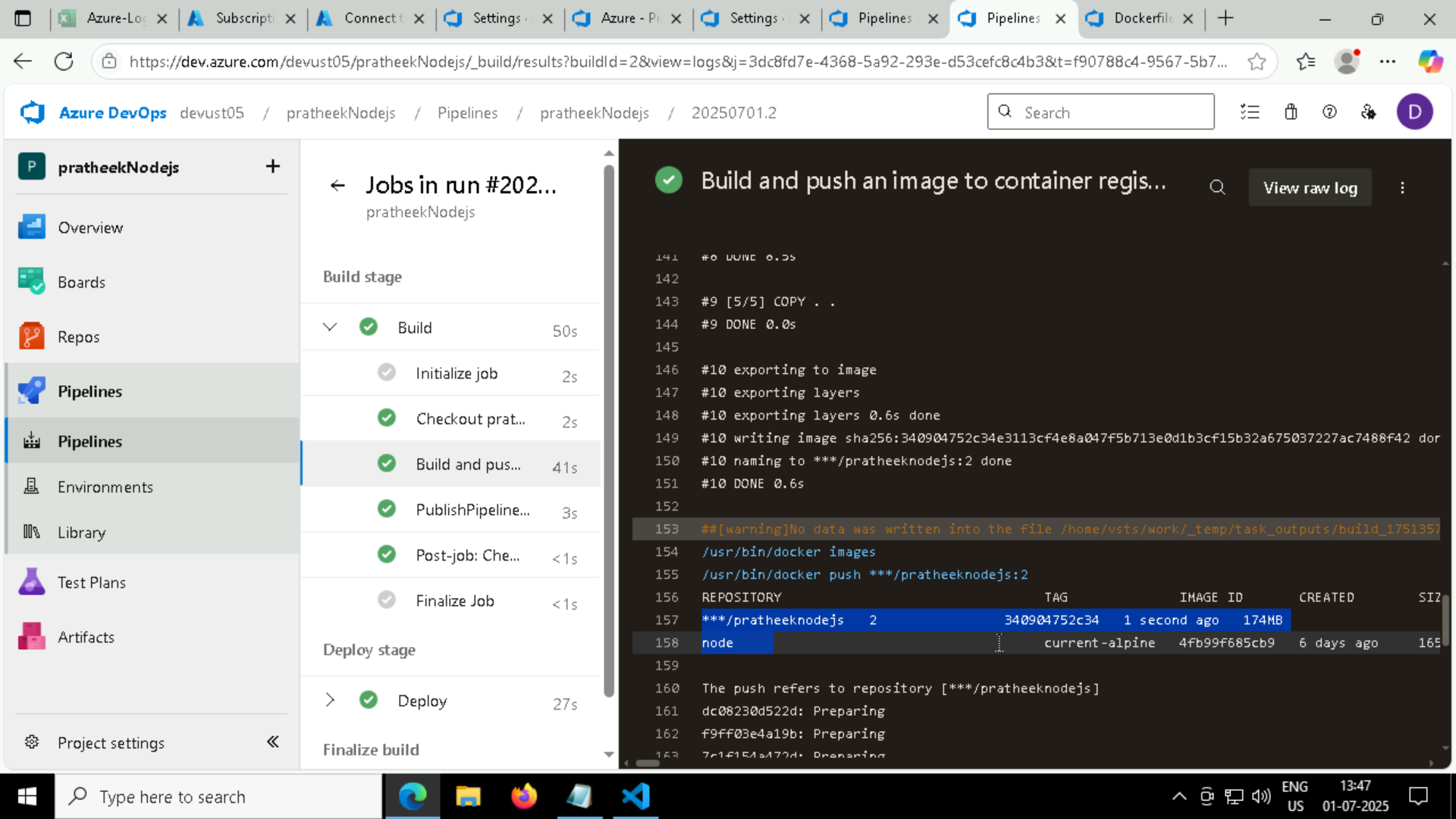


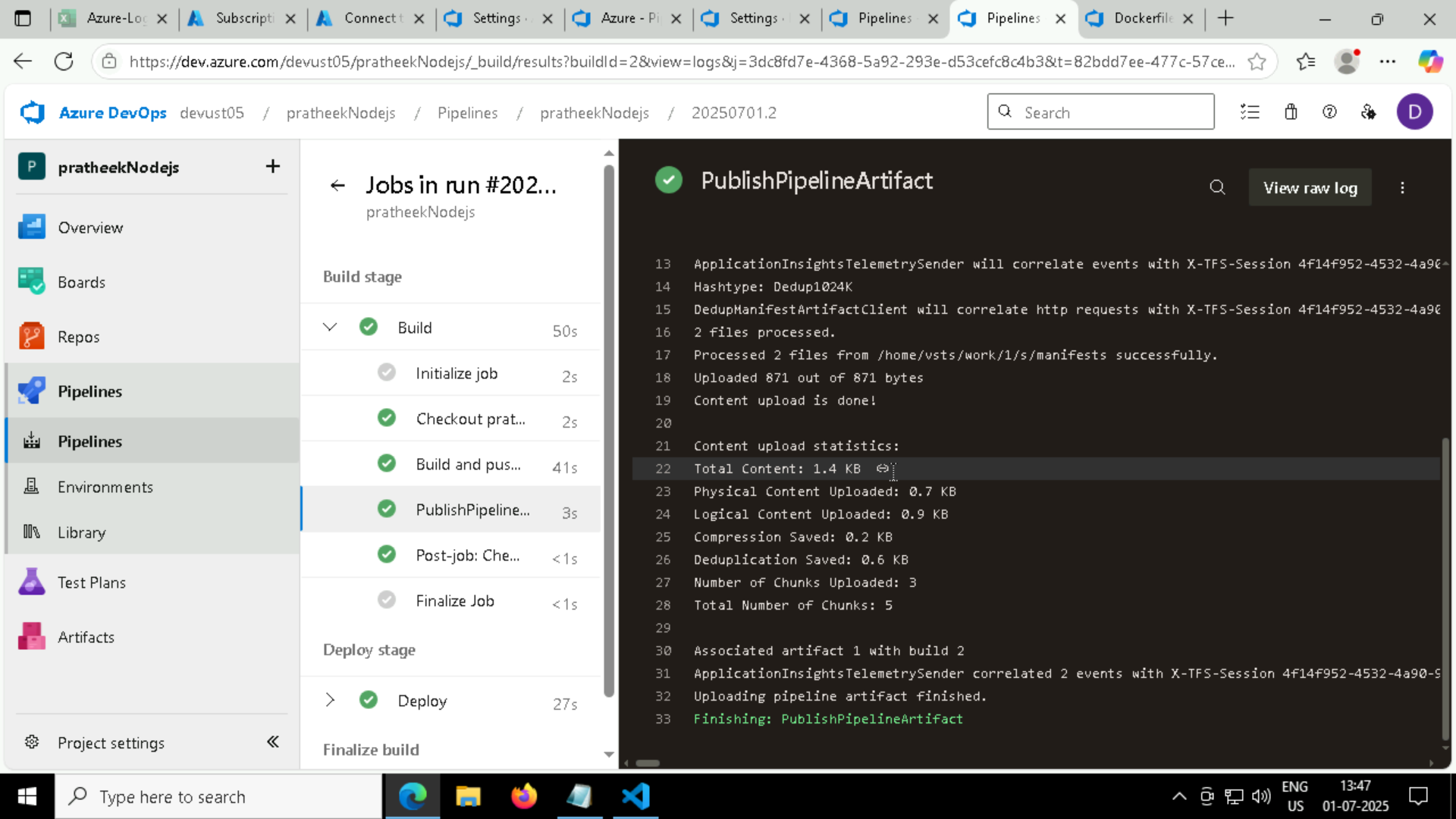
* **MY PIPELINE**

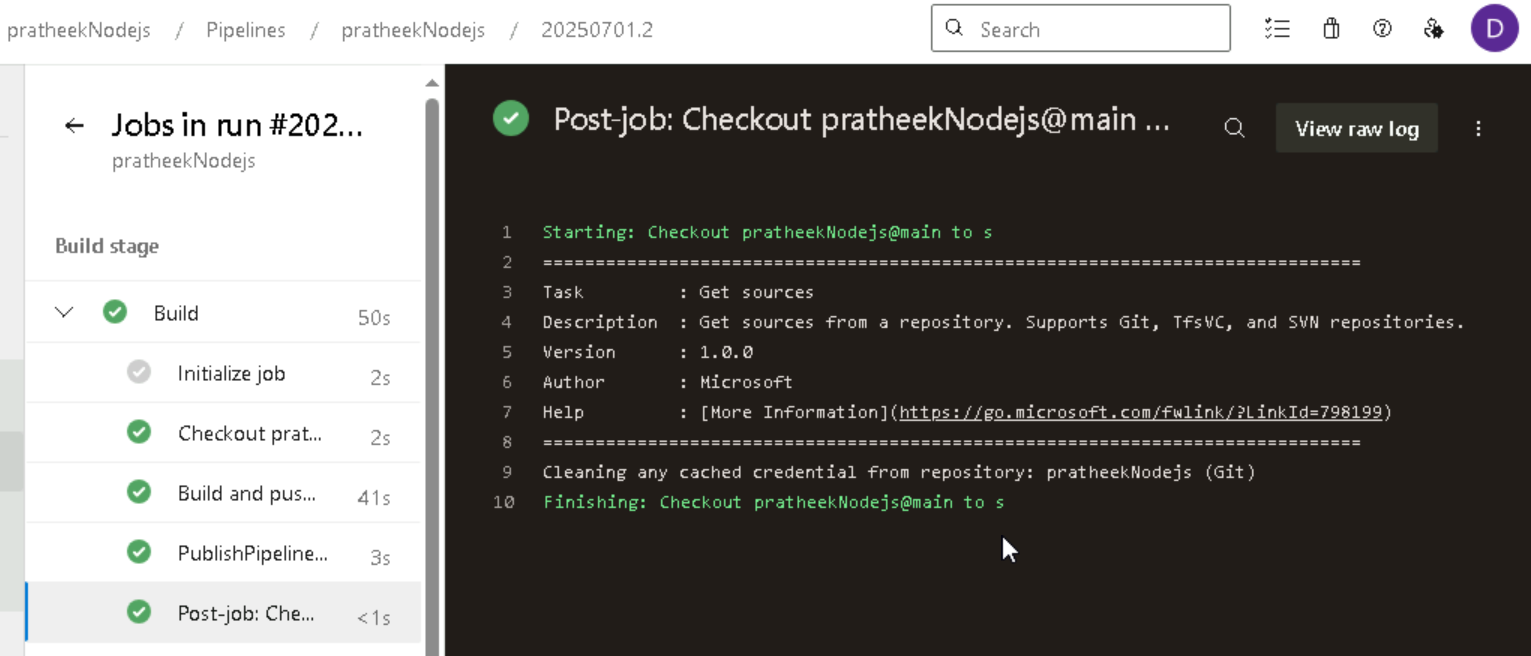


****

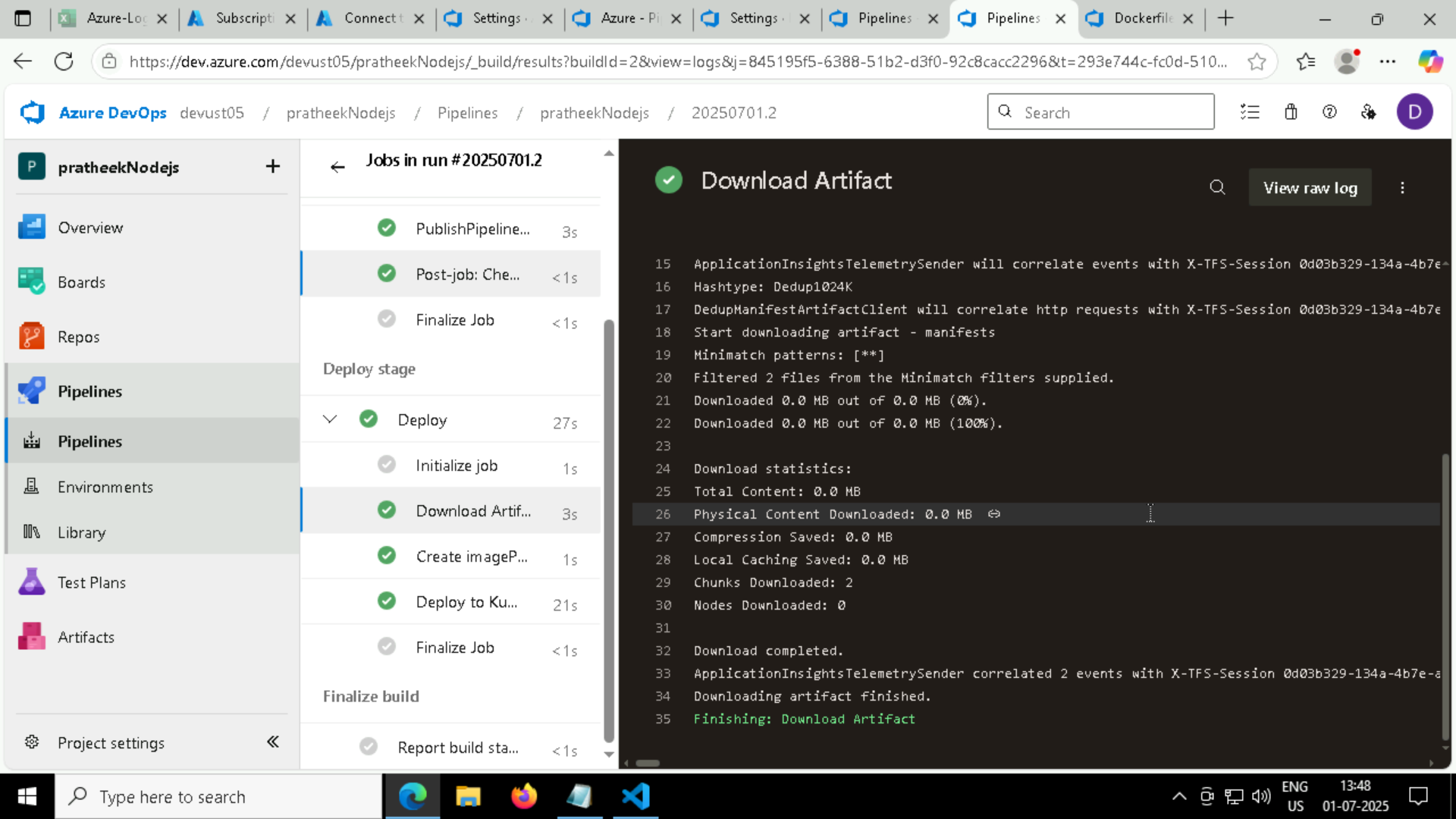
* **A. BUILD STAGE**

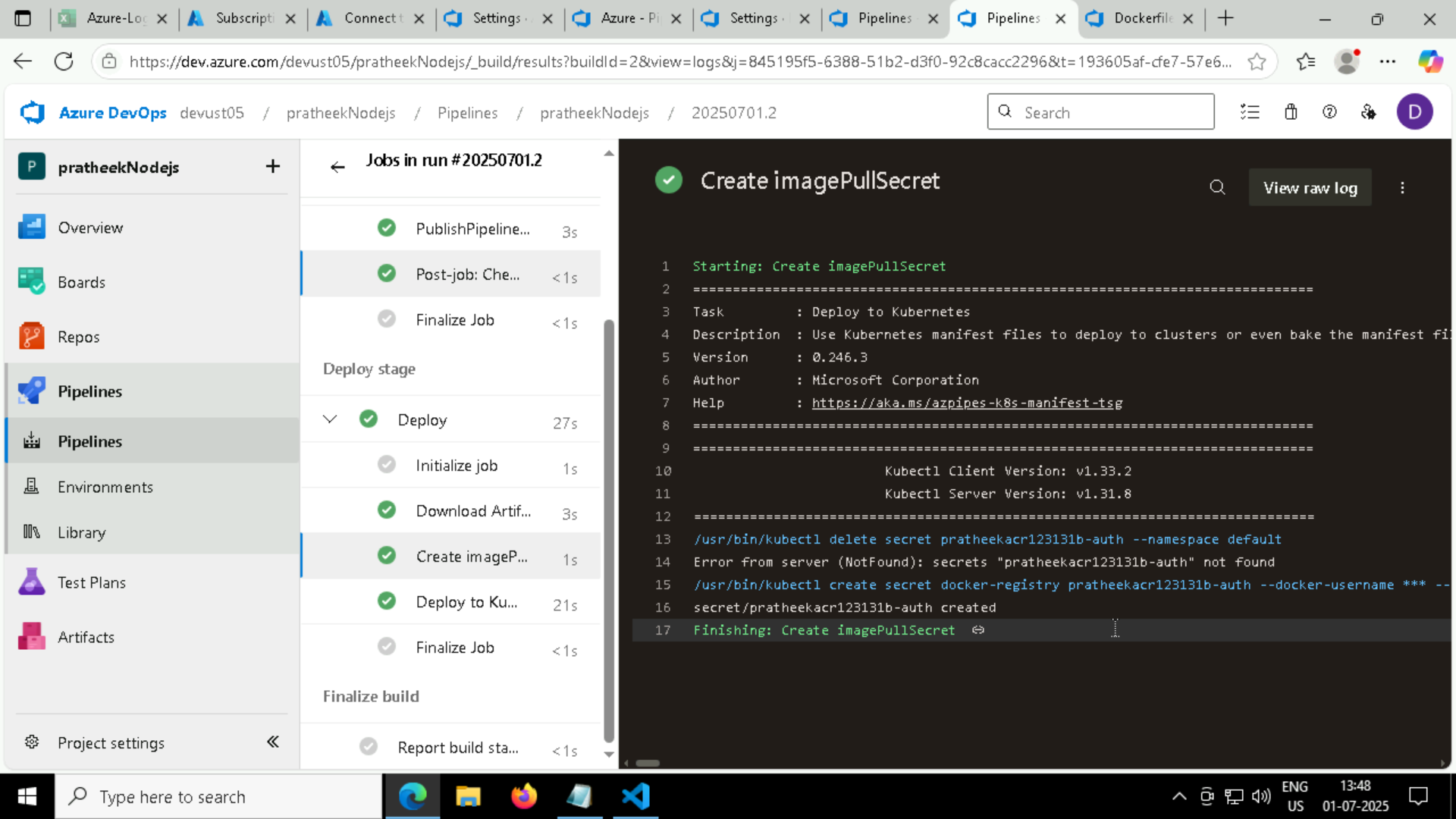


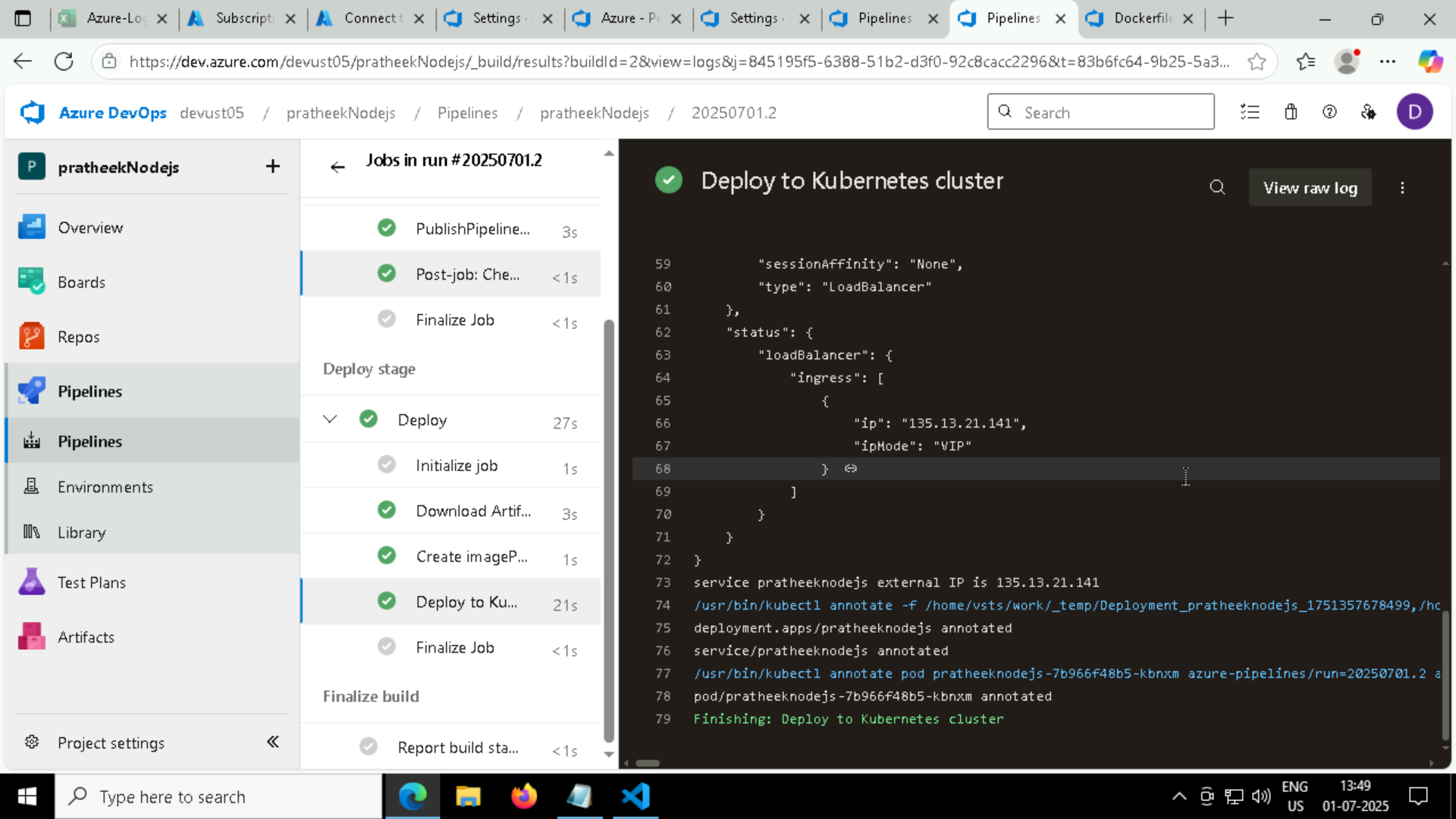


****

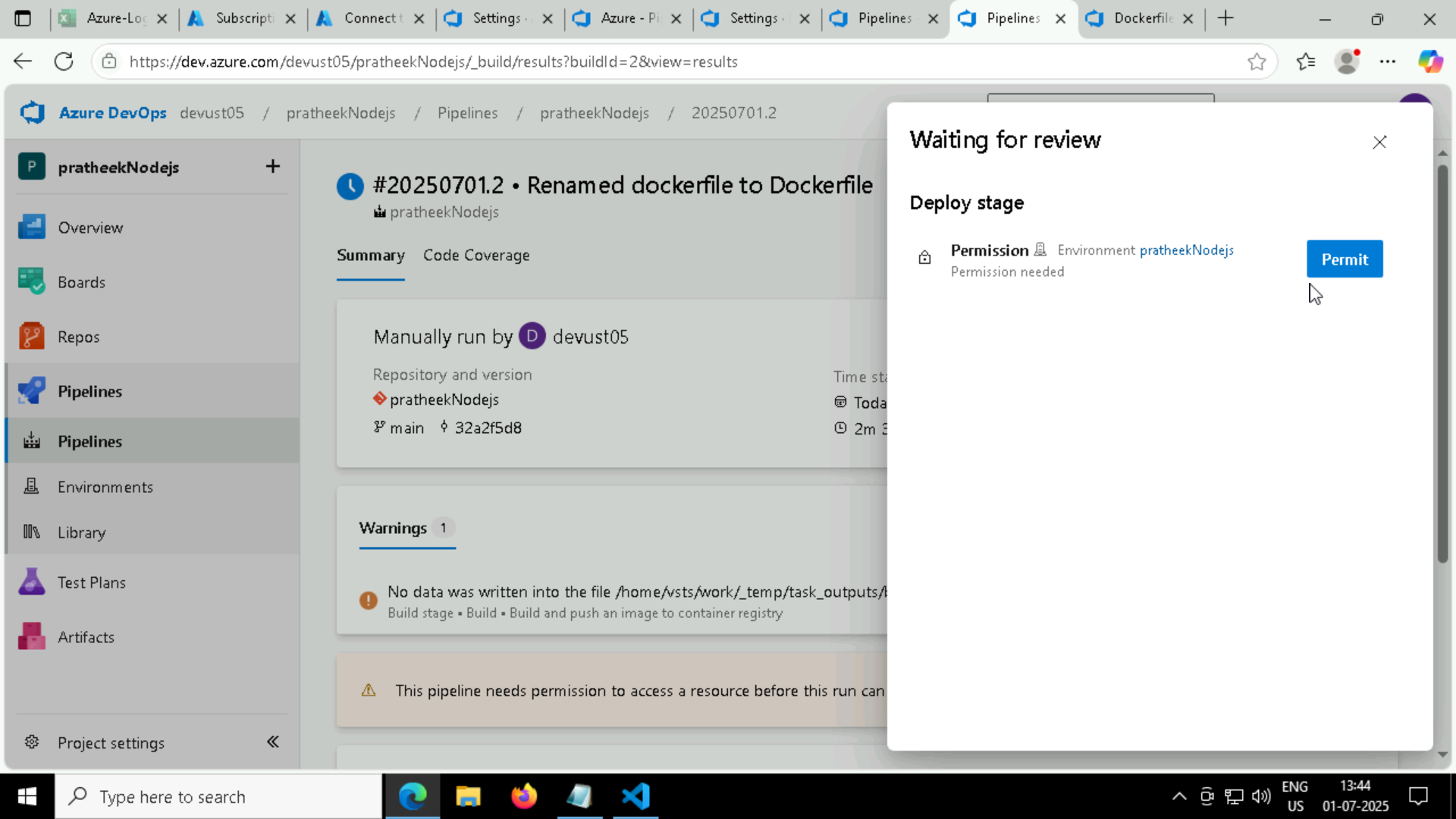
* **B. DEPLOY STAGE**







**Giving permission for deploy stage:**



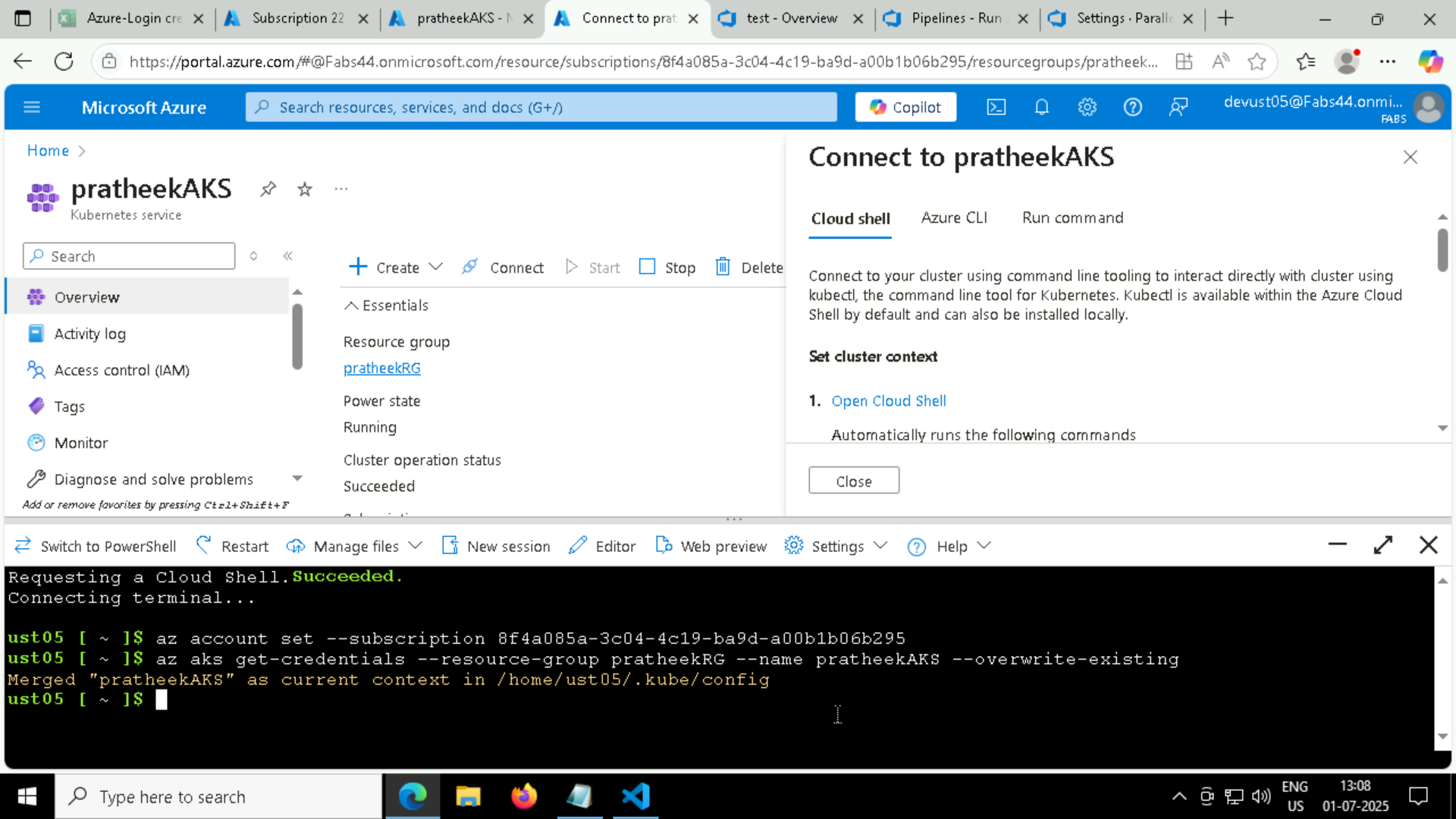
* **OUTPUT CHECK**

**Checking ACR for image being pushed:**

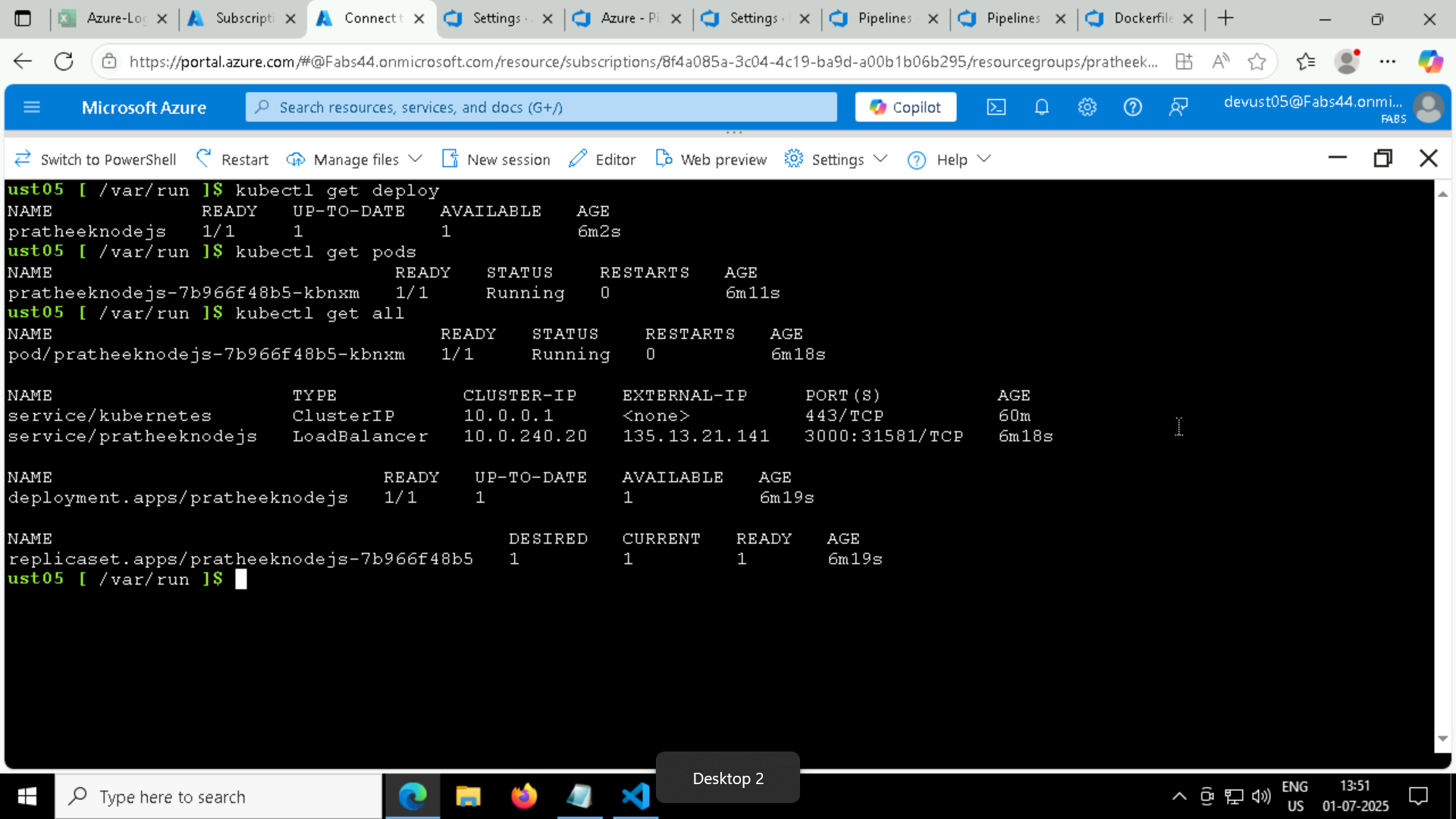


**As we can see, my image “pratheeknodejs” is pushed to pratheekACR**

* **Getting into pratheekAKS:**



* **OUTPUT CHECK**



**And it is successfully deployed into pratheekAKS and pods are running!**