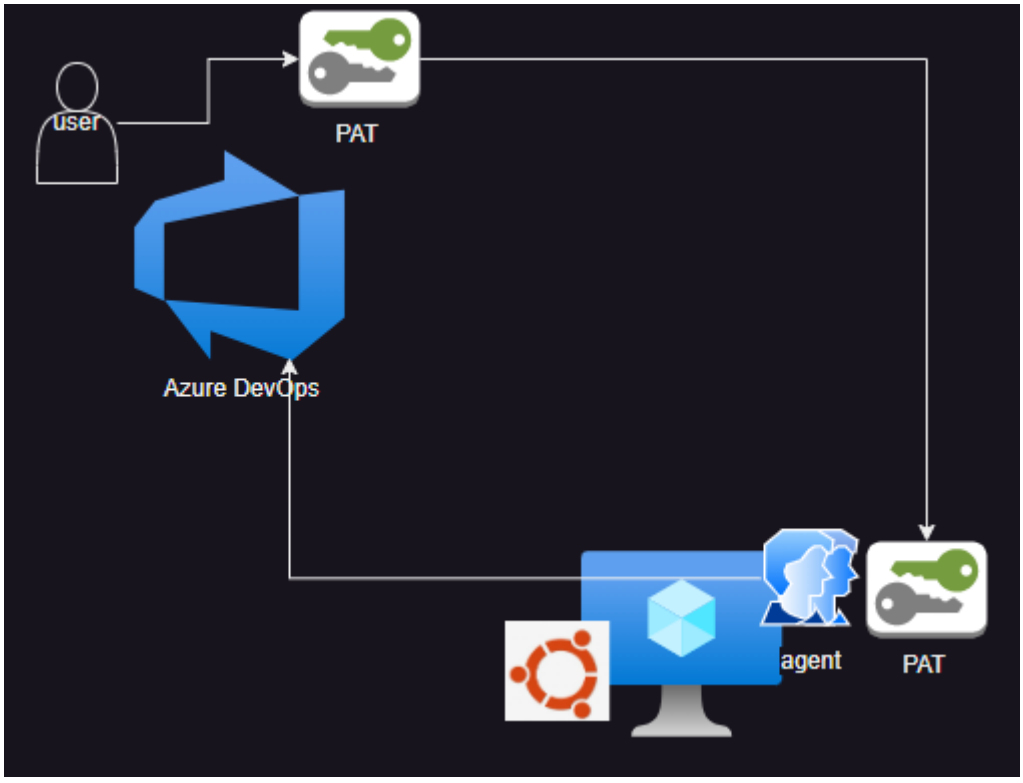
Azure DevOps Self Hosted Agents

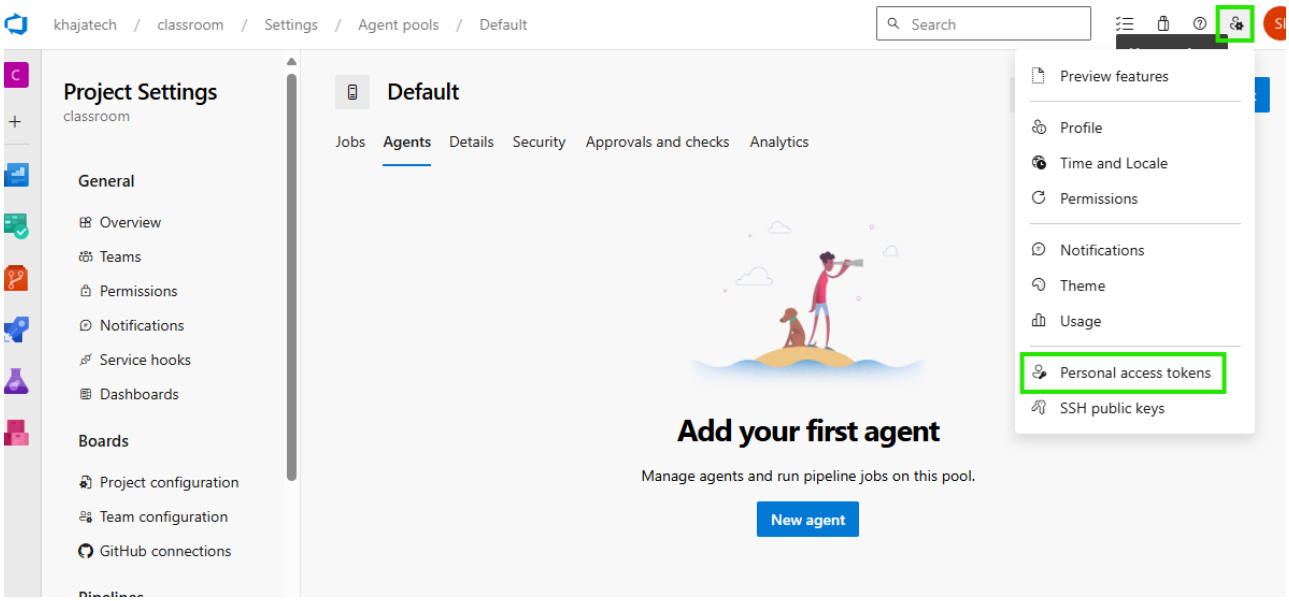
- Azure DevOps allows us to add self hosted agents.
- To add self hosted agent, we can use linux, windows, mac based systems.
- With user login, we can create Personal Access Token (PAT)
- On the System, install agent software and configure the access to the Azure DevOps with
    - Server url
    - PAT
- The Agents can be grouped by creating pools or adding them to Default Pool.
- one self hosted agent is free

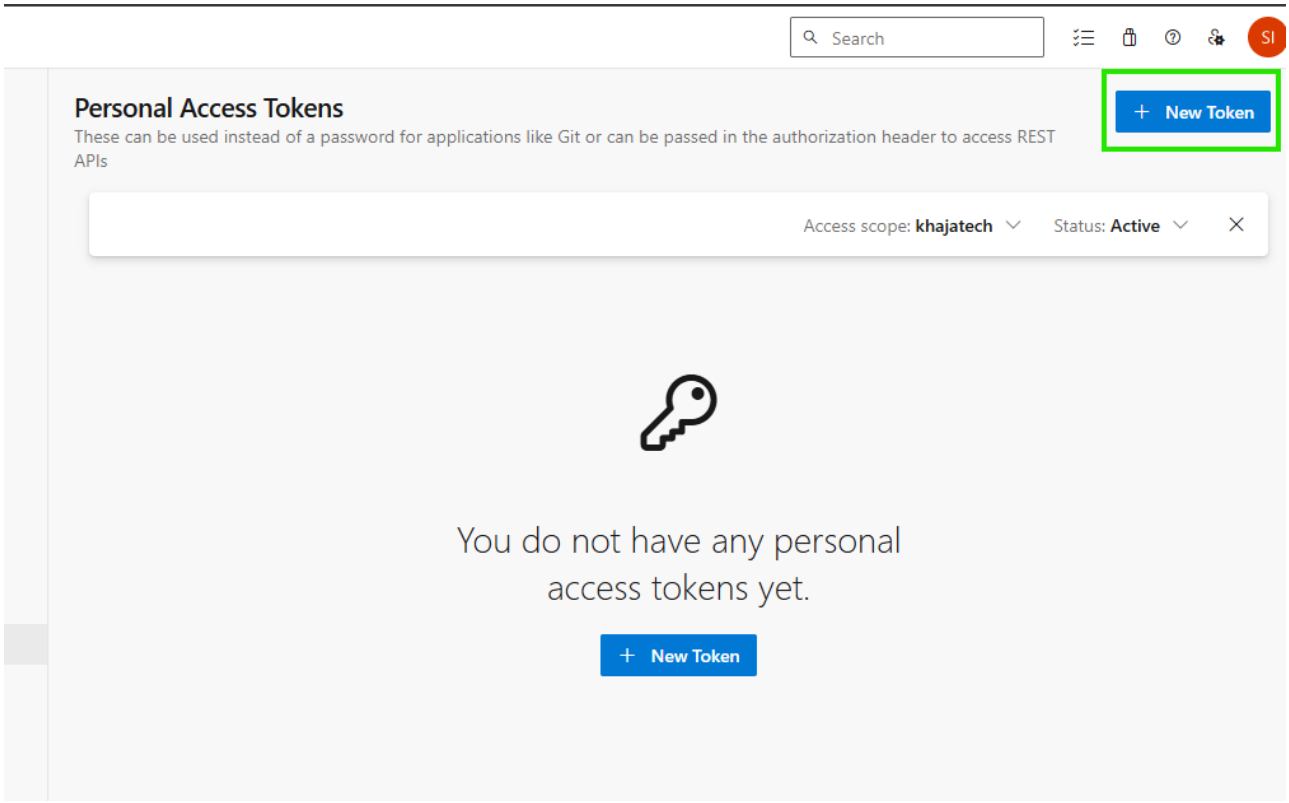
Configure a ubuntu linux instance as agent

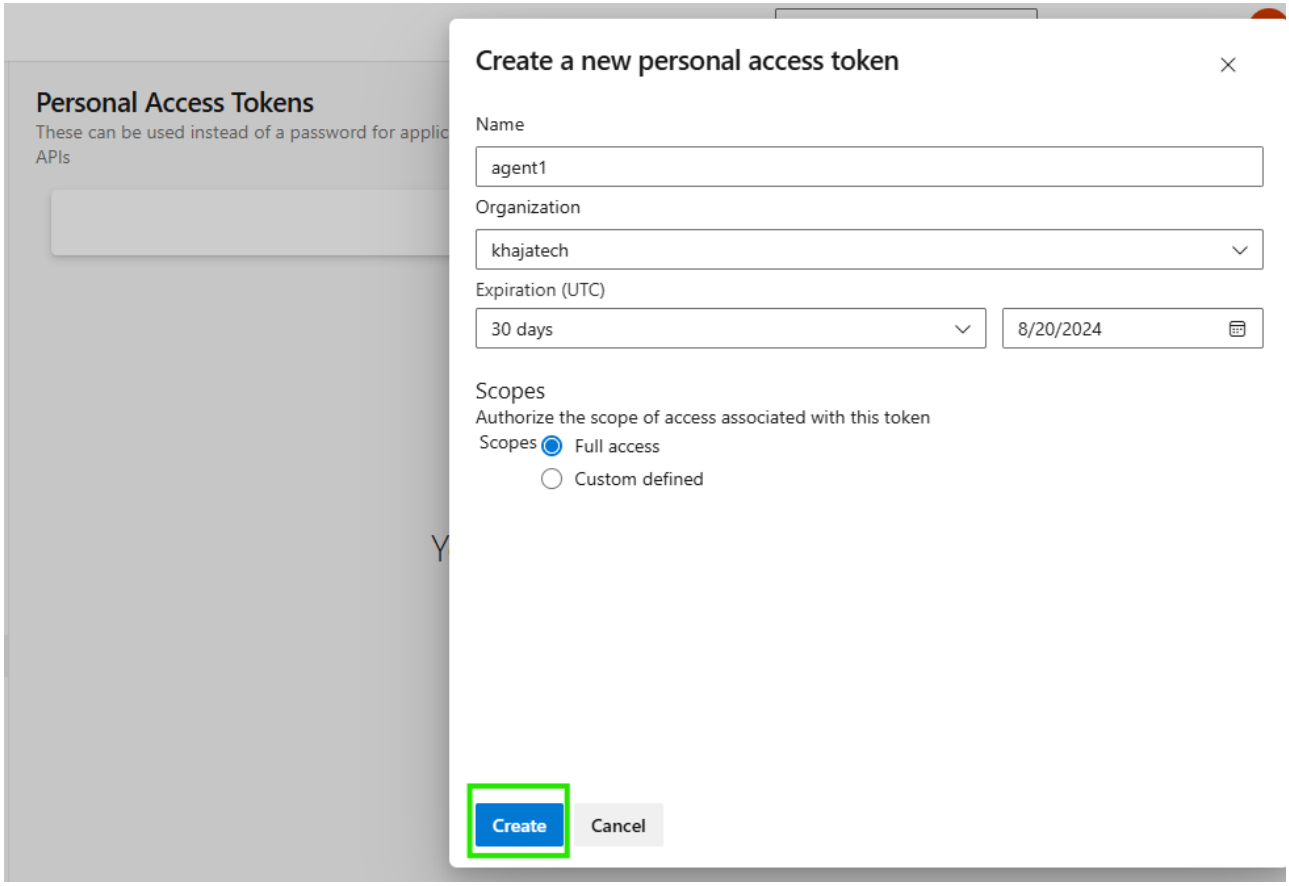
- Overview 

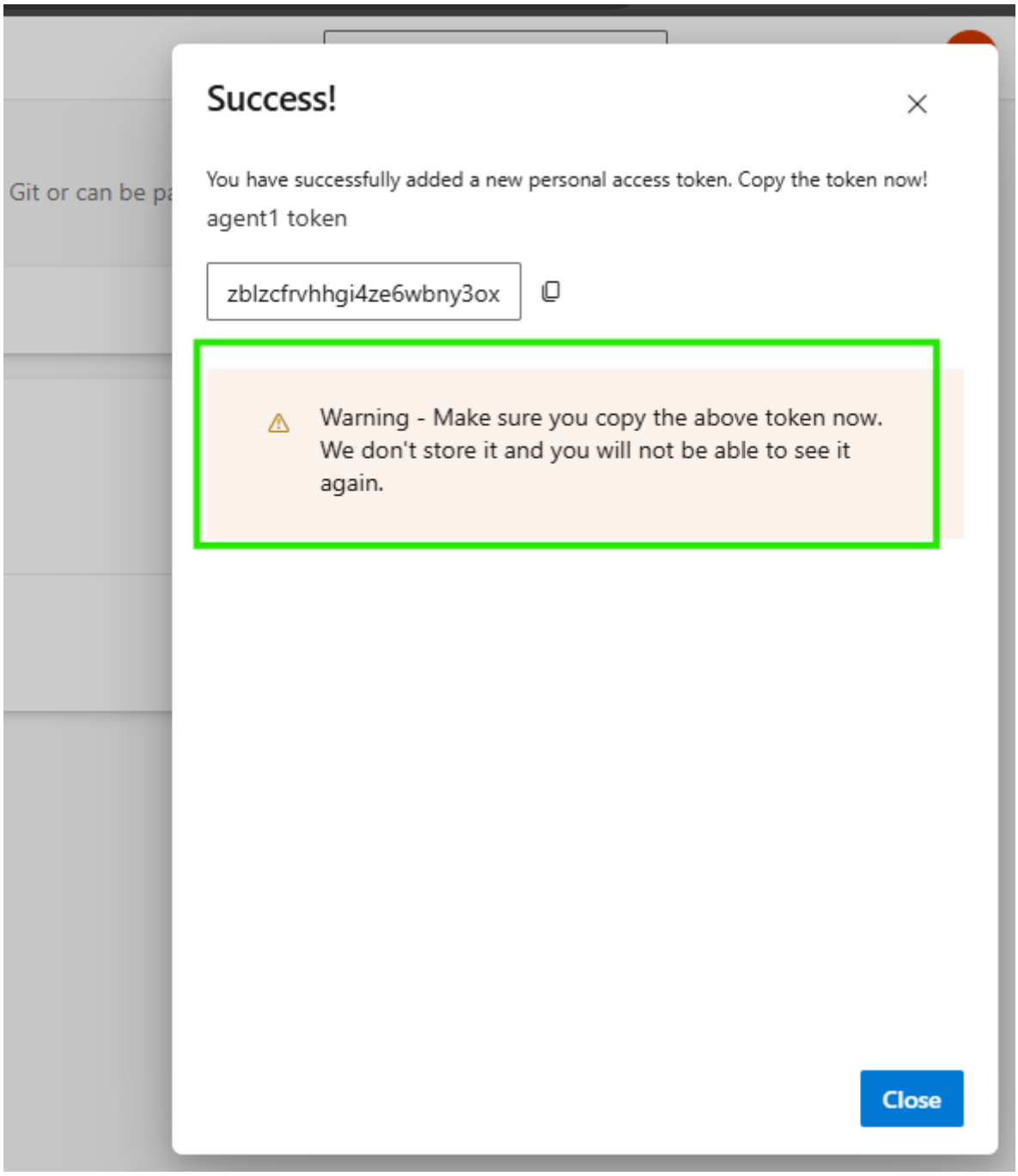
- Create a linux vm in aws/azure
- ssh into the instance
- Install
    - java 17
    - maven Refer Here

- Lets create a PAT

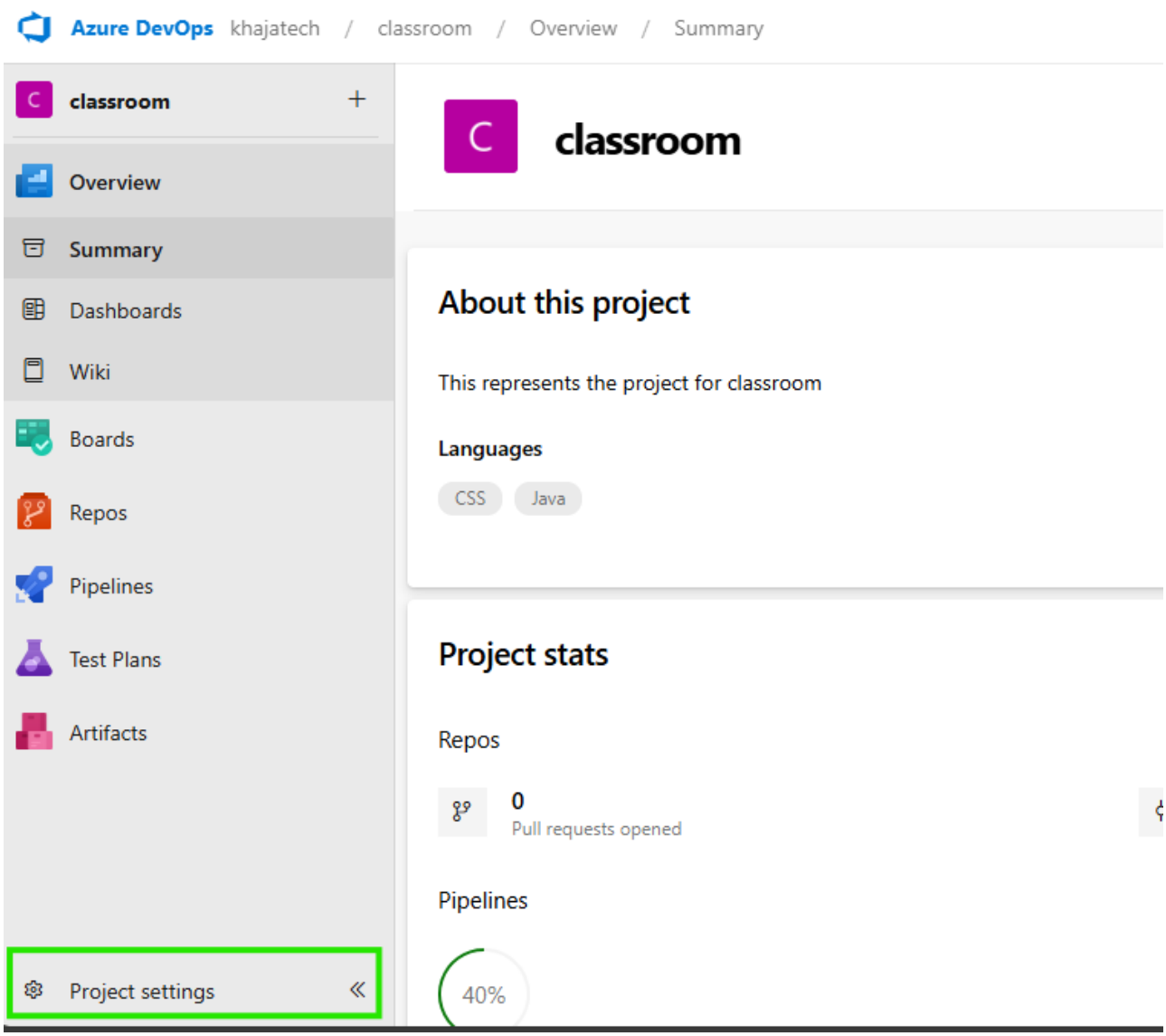


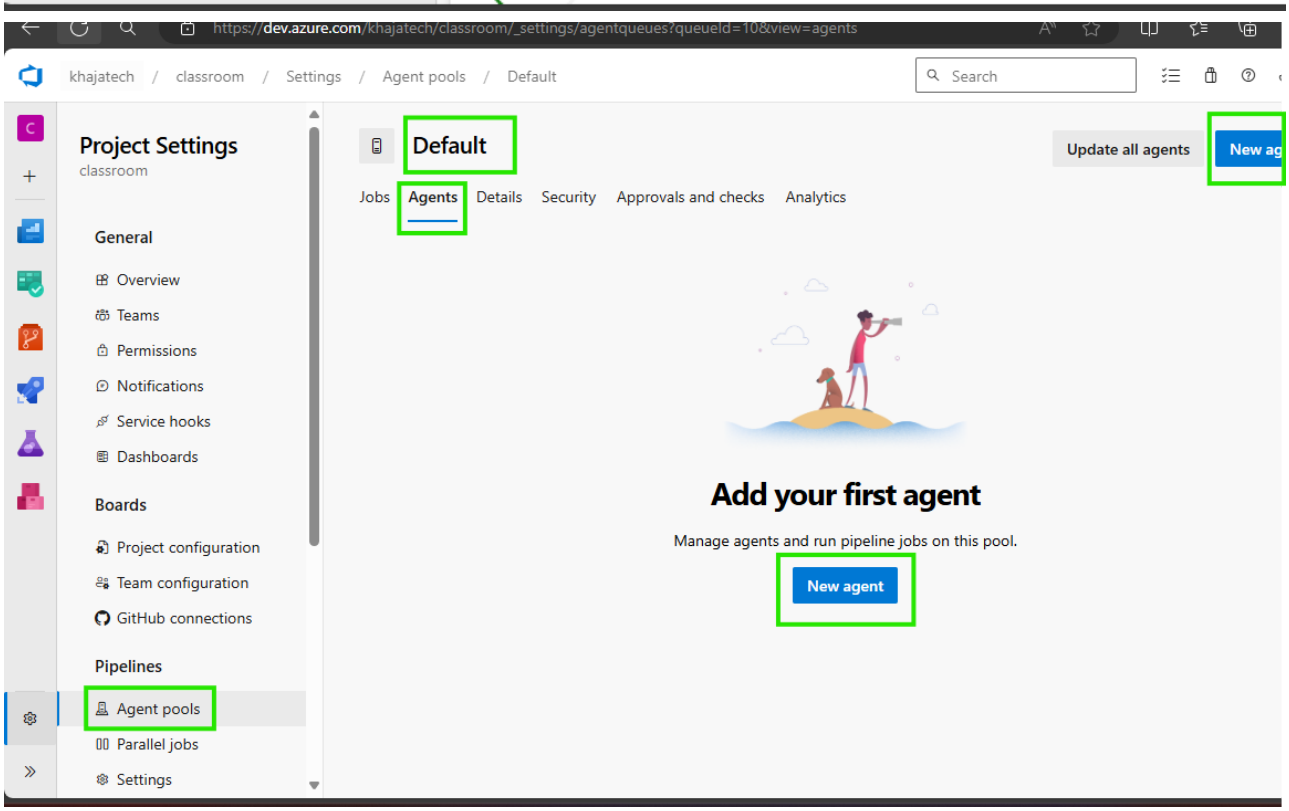



Personal Access Tokens
These can be used instead of a password for applic
APIs
Create a new personal access token
Name
agent1
Organization
khajatech
Expiration (UTC)
30 days
8/20/2024
Scopes
Authorize the scope of access associated with this token
Scopes
Full access
Custom defined
Create
Cancel

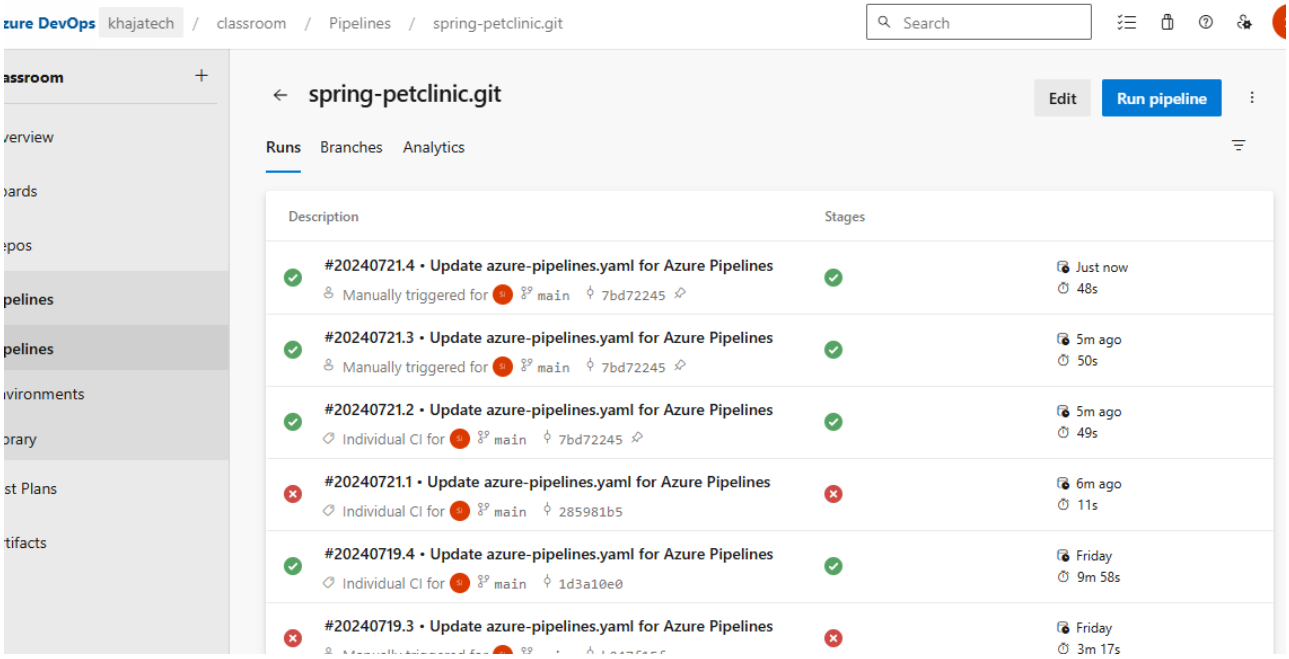

Success!
You have successfully added a new personal access token. Copy the token now!
agent1 token
zblzcfrvhhgi4ze6wbny3ox
Warning - Make sure you copy the above token now. We don't store it and you will not be able to see it again.
Close

- Lets configure ado agent on the linux





- Now lets run spring petclinic by changing `pool`



Lets configure one more java project which uses jdk 8

- I will be using microsoft hosted agent
- Project repo Refer Here
- Lets import this into Azure Source Repos
- Create a maven based starter pipeline and execute

Exercise: (For those who know ansible)

- Install ansible on a self hosted agent
- have a ansible playbook in some git repo and execute the playbook locally

```
ansible-playbook -i 'localhost, ' tomcat.yaml
```