



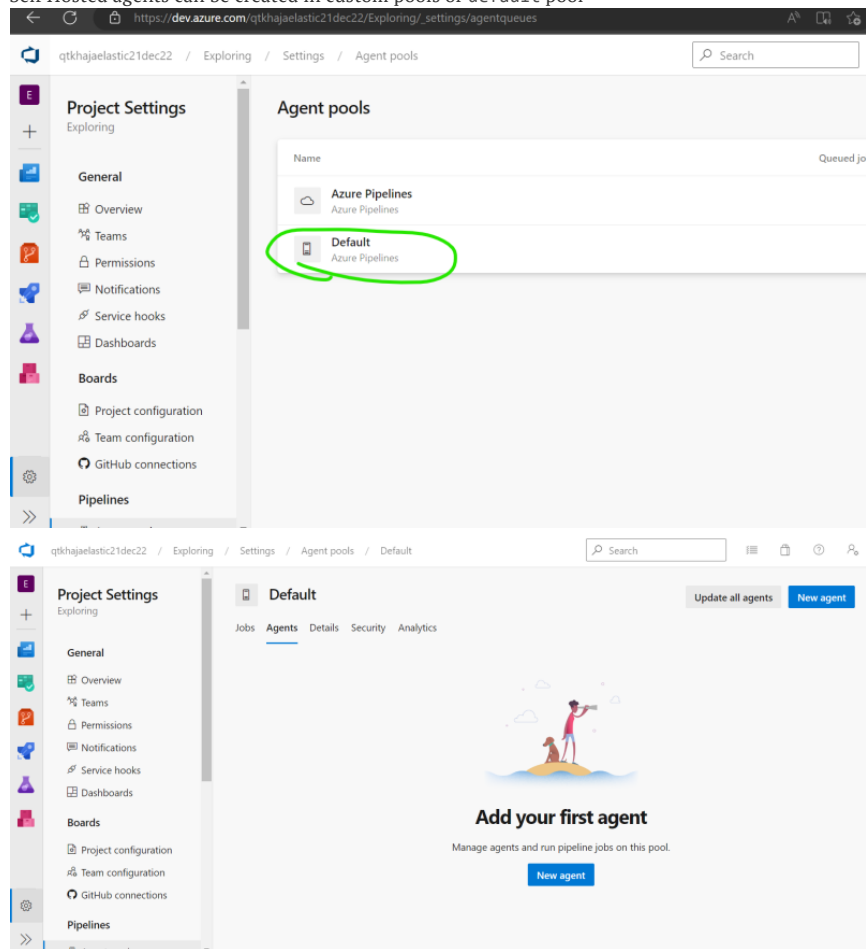
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# DevOps Classroomnotes 08/Feb/2023

## Azure DevOps

### Configuring Self Hosted Agent

- Lets configure a self hosted agent.
- Create a ubuntu vm
- Lets try to build this application
- Self Hosted agents can be created in custom pools or default pool



The screenshot shows the Azure DevOps 'Default' page for an agent pool. The 'New agent' button is highlighted with a green circle. Below it, a modal window titled 'Get the agent' is open, showing the 'Linux' tab. The modal contains the following steps:

- System prerequisites**: Configure your account by following the steps outlined [here](#).
- Download the agent**: A 'Download' button is provided.
- Create the agent**: A terminal snippet shows the commands to create and extract the agent:
 

```
~/ $ mkdir myagent && cd myagent
~/myagent$ tar zxvf ~/Downloads/vsts-agent-linux-x64-2.217.2.tar.gz
```
- Configure the agent**: A terminal snippet shows the command to run the configuration script:
 

```
~/myagent$ ./config.sh
```

- To configure the self hosted agent we need to create PAT (Personal Access Tokens) [Refer Here](#) and [Refer Here](#) for linux agents
- The pipeline for sample dotnet project [Refer Here](#) is

```
---
pool: Default
trigger:
- master
jobs:
- job: Build_Job
  displayName: Build dotnet project
  steps:
  - task: DotNetCoreCLI@2
    inputs:
      command: 'build'
      projects: src/dotnet-demoapp.csproj
  - job: Test_Job
    displayName: Test dotnet
    dependsOn: Build_Job
```

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