

LetsDevOps: Configure Self Hosted Agent for Azure DevOps Pipeline

Introduction

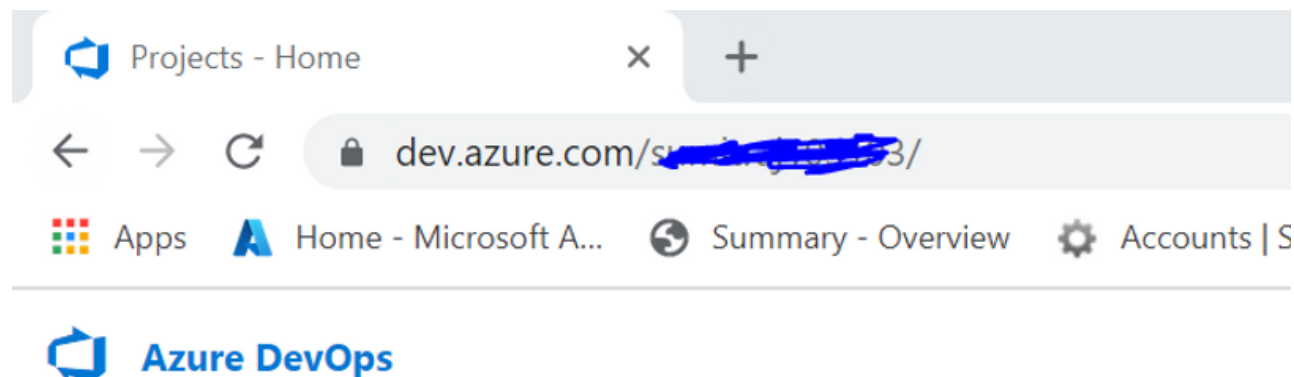
This blog will help you to setup the Self Hosted agent for Azure DevOps Pipeline. Self Hosted agent is a Machine / Virtual Machine which we link with Azure Devops Pipeline to run the build/release pipeline.

Prerequisites

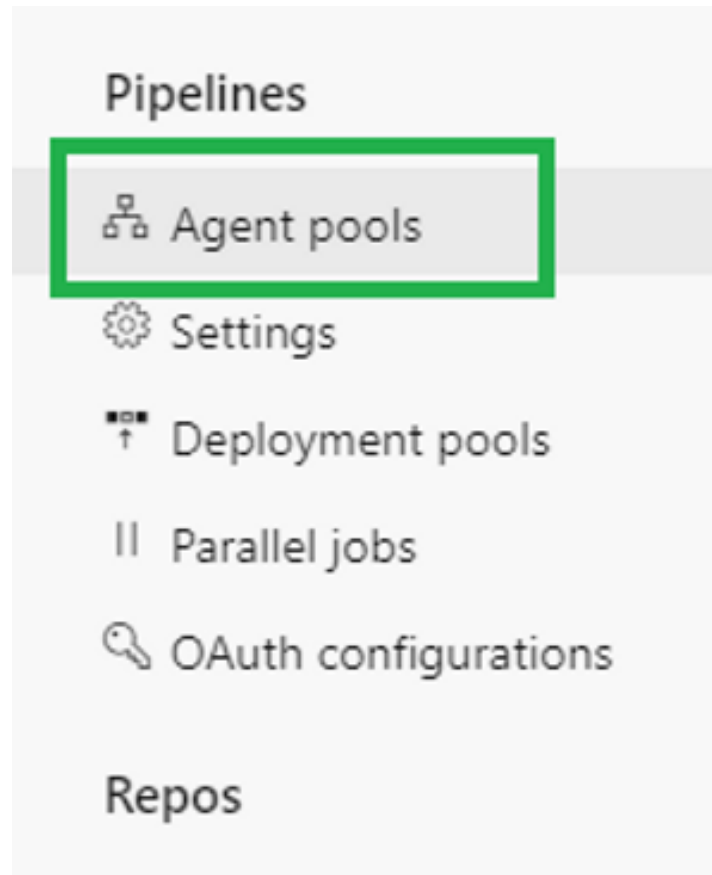
1. Azure DevOps Organization Details
2. Machine or Virtual Machine

Steps:

1. Login to your Azure DevOps Organization





2. Under Organization Setting Navigate to **Agent pools**



3. Select the existing pool or you can create new Pool

Agent pools

Security Add pool

Name	Queued jobs	Running jobs
 Azure Pipelines Azure Pipelines		
 Default Azure Pipelines		

4. Under the Pool click on the New Agent and download the Package for respective Operating System. In my case i will pick Windows.

Get the agent

Windows macOS Linux

x64
x86

System prerequisites

Configure your account
Configure your account by following the steps outlined [here](#).

Download the agent

Download

5. Once Package downloaded move the file to the Machine where you want to configure agent.

6. Extract the package and you will see the **config.cmd** file.
7. Run the Command Prompt as **Admin** and invoke the config.cmd file.
8. Enter the Server URL --> URL of Azure Devops with Organization
Like: <https://dev.azure.com/<orgName>/>

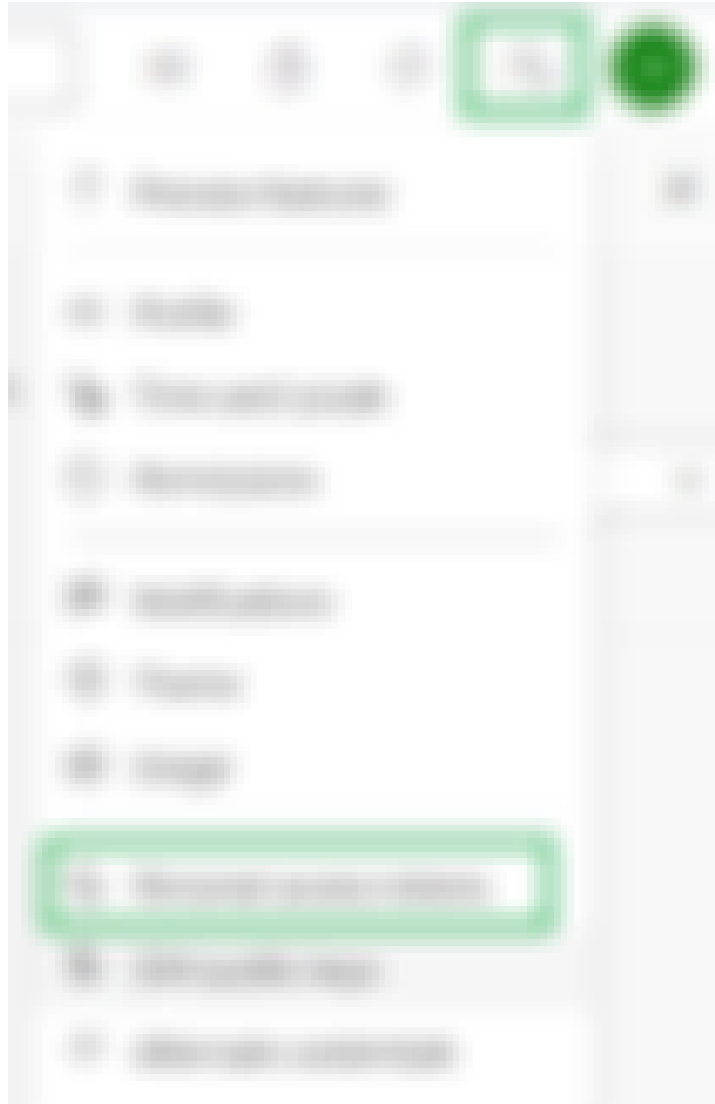
```
D:\configure_agent\vsts-agent-win-x64-2.188.3>config

  agent v2.188.3 (commit c37ab26)

>> Connect:

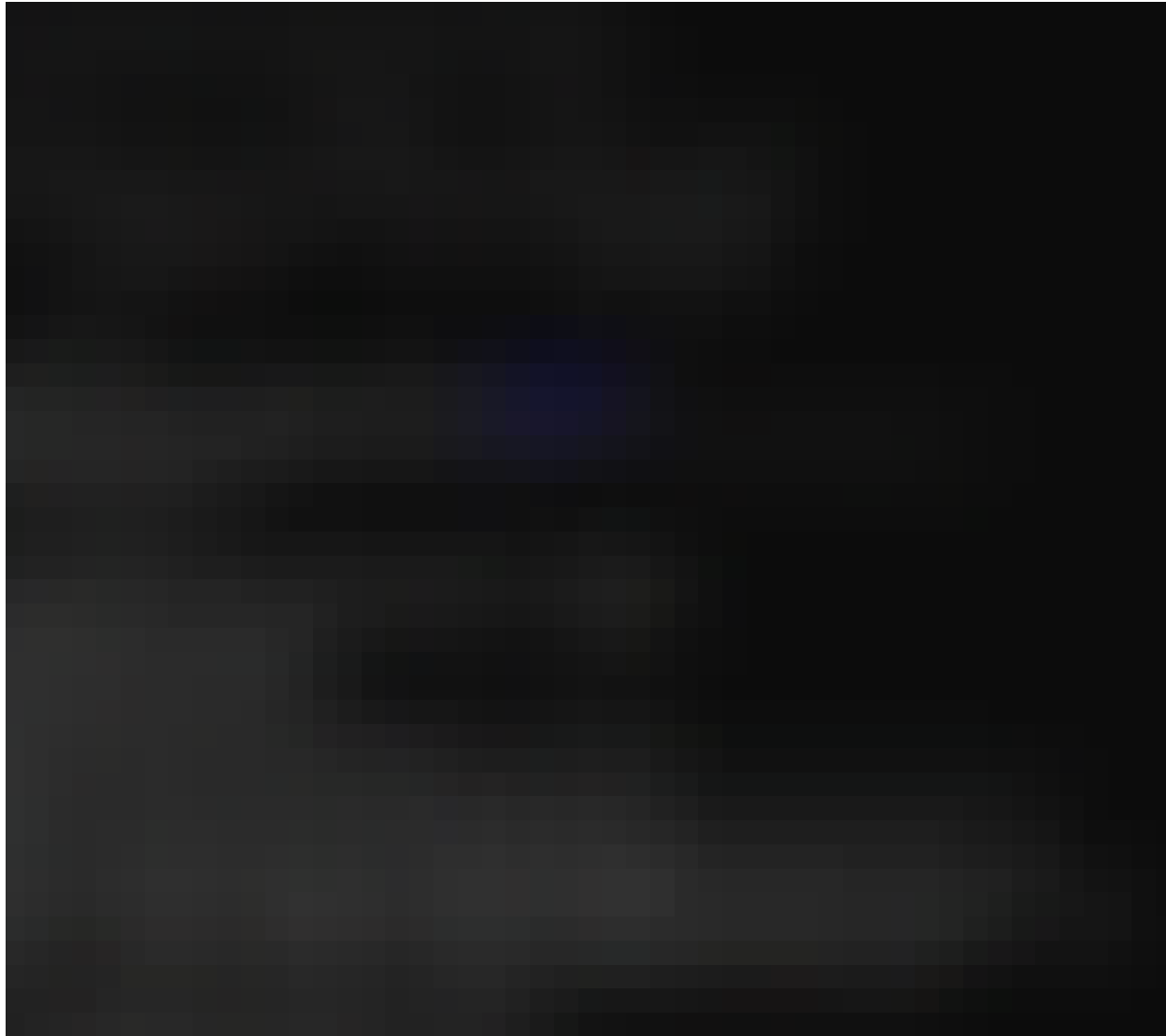
Enter server URL >
```

9. Next PAT token will be asked for authentication.
Generate the PAT --> User Setting --> Personal Access Token with Full Access



10. Save the Secret and provide the PAT secret to the command input.

11. Provide the Pool Name and agent name [Any relevant name]



12. On the Successful configuration you can see the Agent is online in the respective Pool under the Project Setting of Azure DevOps Organization.

LetsDevOps: How to Install/Configure Self-hosted agent for Azure DevOps.



