How to configure Azure Deployment Agent on the on-premise server

This document discusses about configuring the Azure DevOps Deployment targets on the on-premise servers.

Server Prerequisites

- Windows 7, 8.1, or 10 (if using a client OS)
- Windows 2008 R2 SP1 or higher (if using a server OS)
- PowerShell 3.0 or higher

Permissions

Confirm the user has permission, Make sure the user account that you're going to use has permission to register the agent. The user must be an Azure DevOps organization owner or TFS or Azure DevOps Server administrator otherwise follow the steps

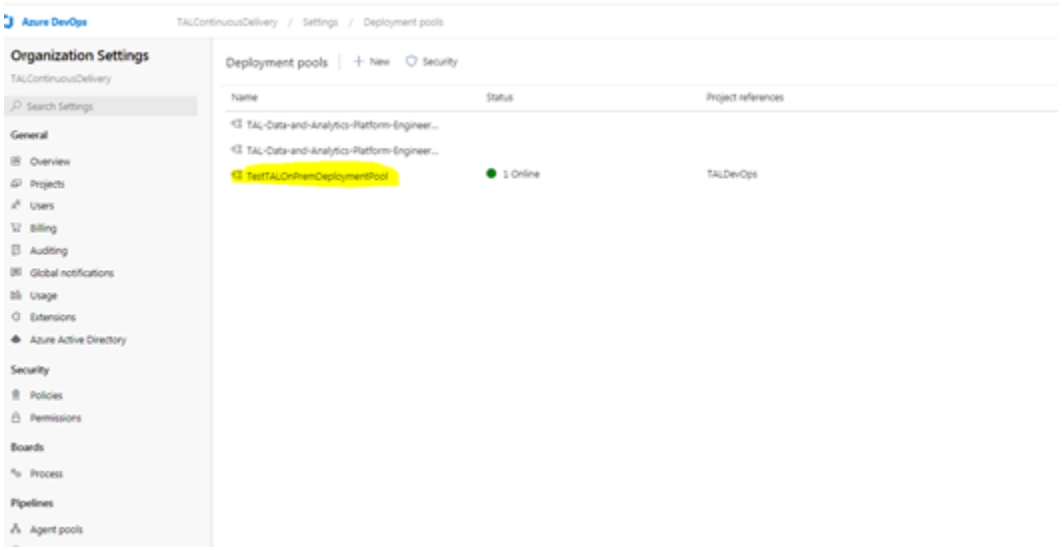
1. Open a browser and navigate to the **Agent pools** tab for your Azure Pipelines organization or Azure DevOps Server or TFS server:
2. Choose **Azure DevOps**, **Organization settings**.
3. Choose **Agent pools**.
4. Click the pool on the left side of the page and then click **Security**.
5. If the user account you're going to use is not shown, then get an administrator to add it. The administrator can be an agent pool administrator, an Azure DevOps organization owner, or a TFS or Azure DevOps Server administrator.
6. If it's a deployment group agent, the administrator can be an deployment group administrator, an

   Azure DevOps organization owner, or a TFS or Azure DevOps Server administrator.
7. You can add a user to the deployment group administrator role in the

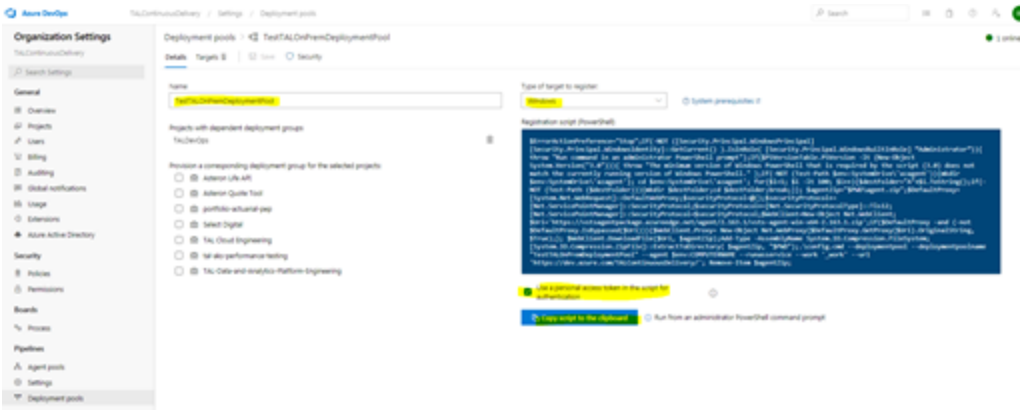
   Security tab on the **Deployment Groups** page in **Azure Pipelines**.

Download and configure the agent

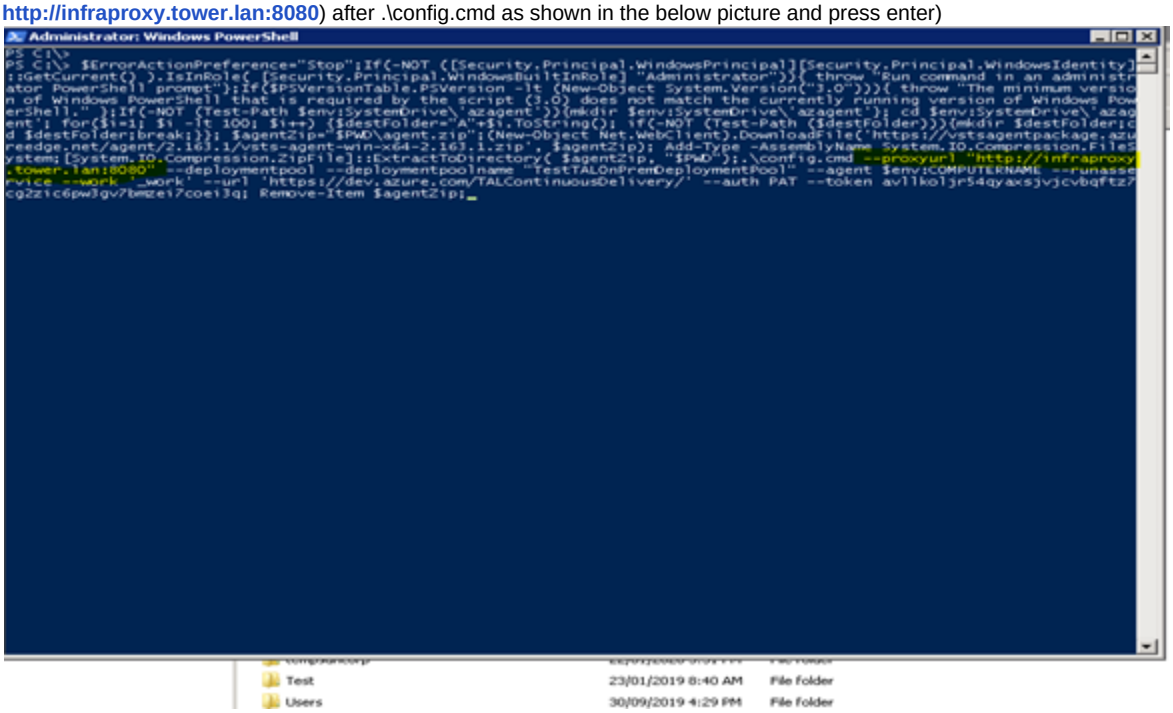
1. Log on to the machine using the account for which you've prepared permissions as explained above.
2. In your web browser, sign in to Azure Pipelines, and navigate to the Agent pools tab:
3. Choose **Azure DevOps**, **Organization settings**.
4. Choose **Deployments pools**.
5. Select the **Your Pool Name (**TestTALOnPremDeploymentPool**)**



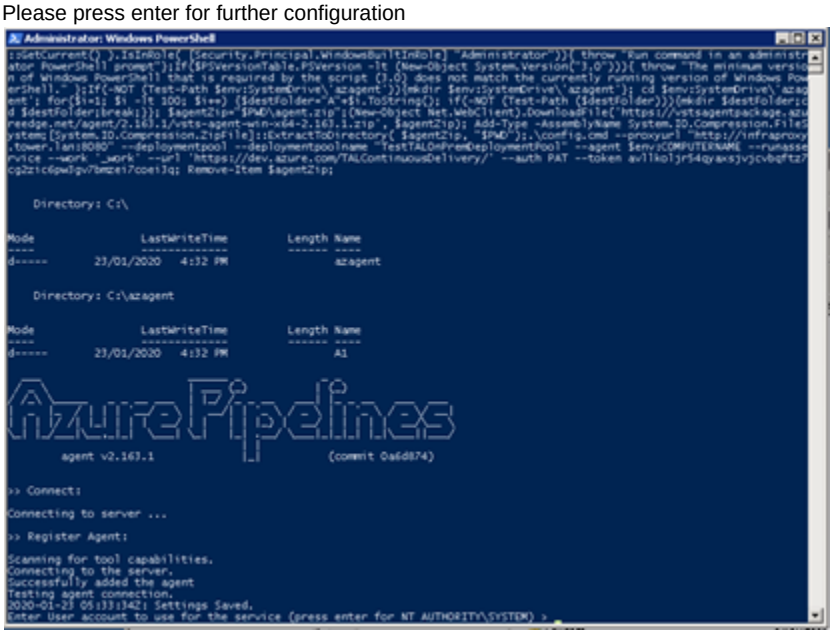
6. Please click on the Targets and please select Use a personal access token in the script for authentication checkbox and click Copy script to the clipboard blue button to get the PowerShell scripts to configure the deployment agent.



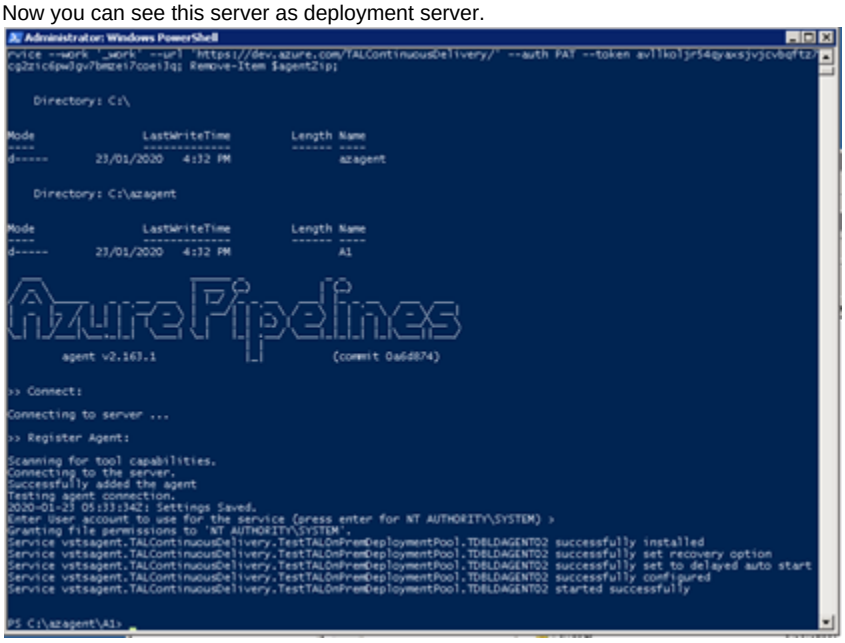
7. Please login to the server and open the PowerShell as administrator and paste the copied script (**Note**: please include the Infra Proxy URL(**http://infraproxy.tower.lan:8080**) after .\config.cmd as shown in the below picture and press enter)



8. Please press enter for further configuration



9. Now you can see this server as deployment server.



10. If you navigate back to Azure Devops, you can see the deployment server listed in the pool