Azure Agent Installation

Objective:

This document has the Steps to install the self hosted azure agent on On-premise server

Environment: Windows (DB Hosts)

Pre work

Step 1) Download the azure agent https://vstsagentpackage.azureedge.net/agent/2.213.2/vsts-agent-linux-x64-2.214.1.tar.gz; from internet. (Note : download the latest agent)

Step 2) Create the directory in the server

Environment Agent Folder Structure : (D:\env-azagent\A1)

Deployment Group Folder Structure: (D:\azagent\A1)

Step 3) Copy the downloaded agent into D:\vsts-agent and extract into D:\env-azagent\A1 or (D:\azagent\A1)

Step 4) Open windows powershell in admin mode, and go to the directory D:\env-azagent\A1 or (D:\azagent\A1)

Deployment Group Configuration

Step 5) Run the below command to register the agent as deployment group and run as service.

.\config.cmd --deploymentgroup --deploymentgroupname "TAL.CLM.Nelson-CLM.WCF.SYS" --agent $env:COMPUTERNAME --runasservice --work '_work' --url 'https://dev.azure.com/TALContinuousDelivery/' --projectname 'TAL.CLM.Nelson' --au6th PAT --token XXXXXXXXX

Environment Configuration

Step 5) Run the below command to register the agent as Environment and run as service.

.\config.cmd --environment --environmentname "DVLP_DB376" --agent $env:COMPUTERNAME --runasservice --work '_work' --url 'https://dev.azure.com/TALContinuousDelivery/' --projectname 'TAL.CLM.Nelson' --auth PAT --token XXXX;

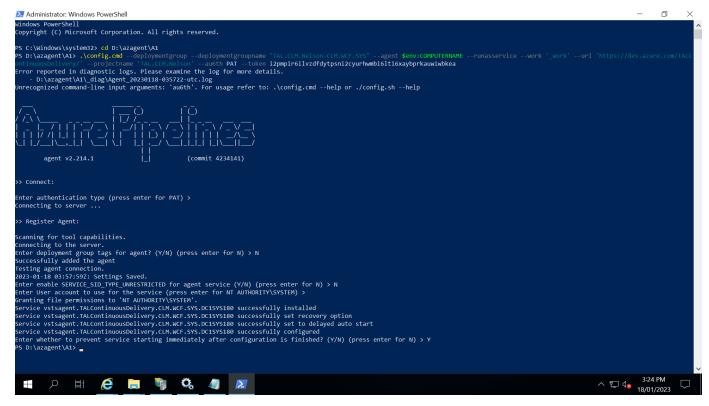Note : PAT token needs to be generated at the time of installation

Note : Environment Name/ Deployment Group will be differed based on the environment.

Step 6) System will prompt for the below command

a) Enter deployment group tags for agent? (Y/N) (press enter for N) > N

Please enter N if you dont have any tags, or enter tags like dev, sys, uat, prod according to the environment

b) Enter User Account to use the service (NT Authority/SYSTEM) >

Step 7) Windows - Change the system services owner permission for the azure pipeline service to below users based on environment

tower\sa_akeso_app_dev - DVLP

tower\sa_akeso_app_sys - SYS

tower\sa_akeso_app_uat - UAT

tower\sa_akeso_app_prod - PROD

Environment : Linux

Deployment Group Configuration (for ALL akeso Unix hosts)

Agent was downloaded for this location `https://vstsagentpackage.azureedge.net/agent/2.204.0/vsts-agent-linux-x64-2.204.0.tar.gz`

tar -zxvf vsts-agent-linux-x64-2.204.0.tar.gz
./config.sh --deploymentpool --deploymentpoolname "TAL.NLN.DEV" --acceptteeeula --agent $HOSTNAME --url https://dev.azure.com/TALContinuousDelivery/ --Auth PAT --token XXXX --work _work
sudo ./svc.sh install;
sudo ./svc.sh start;

Note : PAT token needs to be generated at the time of installation

Note : Environment Name/ Deployment pool name will be differed based on the environment.

Environment Configuration (other - for reference ONLY

mkdir azagent_dvlp;

cd azagent_dvlp;

curl -fkSL -o vstsagent.tar.gz https://vstsagentpackage.azureedge.net/agent/2.213.2/vsts-agent-linux-x64-2.213.2.tar.gz;

tar -zxvf vstsagent.tar.gz;

sudo ./installdependencies.sh

if [-x "$(command -v systemctl)"]; then ./config.sh --environment --environmentname "DVLP" --acceptteeeula --agent $HOSTNAME --url https://dev.azure.com/TALContinuousDelivery/ --work _work --projectname 'TAL.CLM.Nelson' --auth PAT --token xxxx --runasservice; sudo ./svc.sh install; sudo ./svc.sh start; else ./config.sh --environment --environmentname "DVLP" --acceptteeeula --agent $HOSTNAME --url https://dev.azure.com/TALContinuousDelivery/ --work _work --projectname 'TAL.CLM.Nelson' --auth PAT --token xxxx; ./run.sh; fi

Note : PAT token needs to be generated at the time of installation

Note : Environment Name/ Deployment pool name

Step 7: Final Outcome

Deployment Group:

Environment: