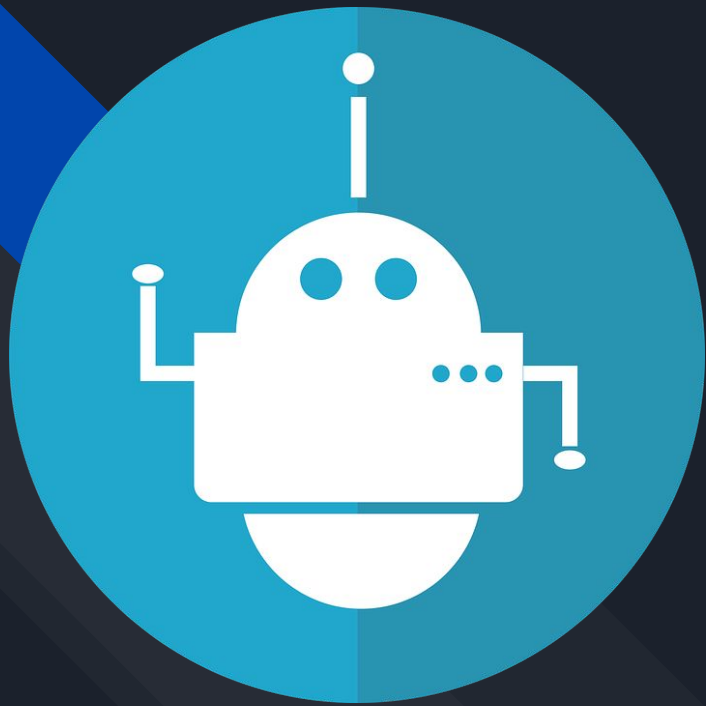




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Active Directory Automation

By  pythonTM



What is Active Directory

Directory service that Microsoft developed for the Windows domain networks

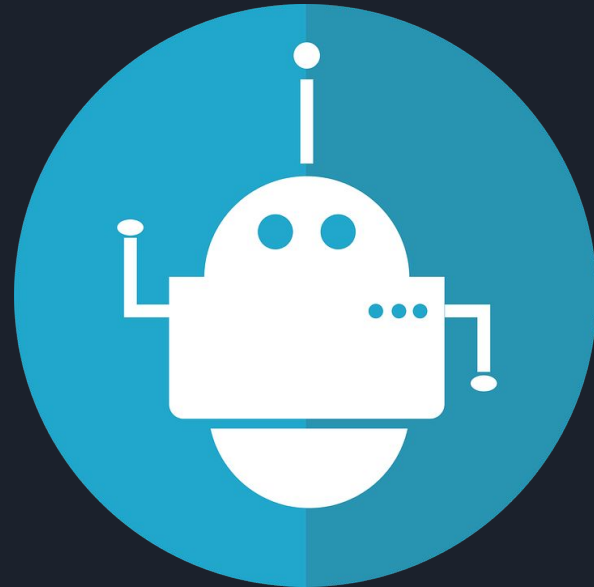
It authenticates and authorizes all users and computers in a Windows domain network

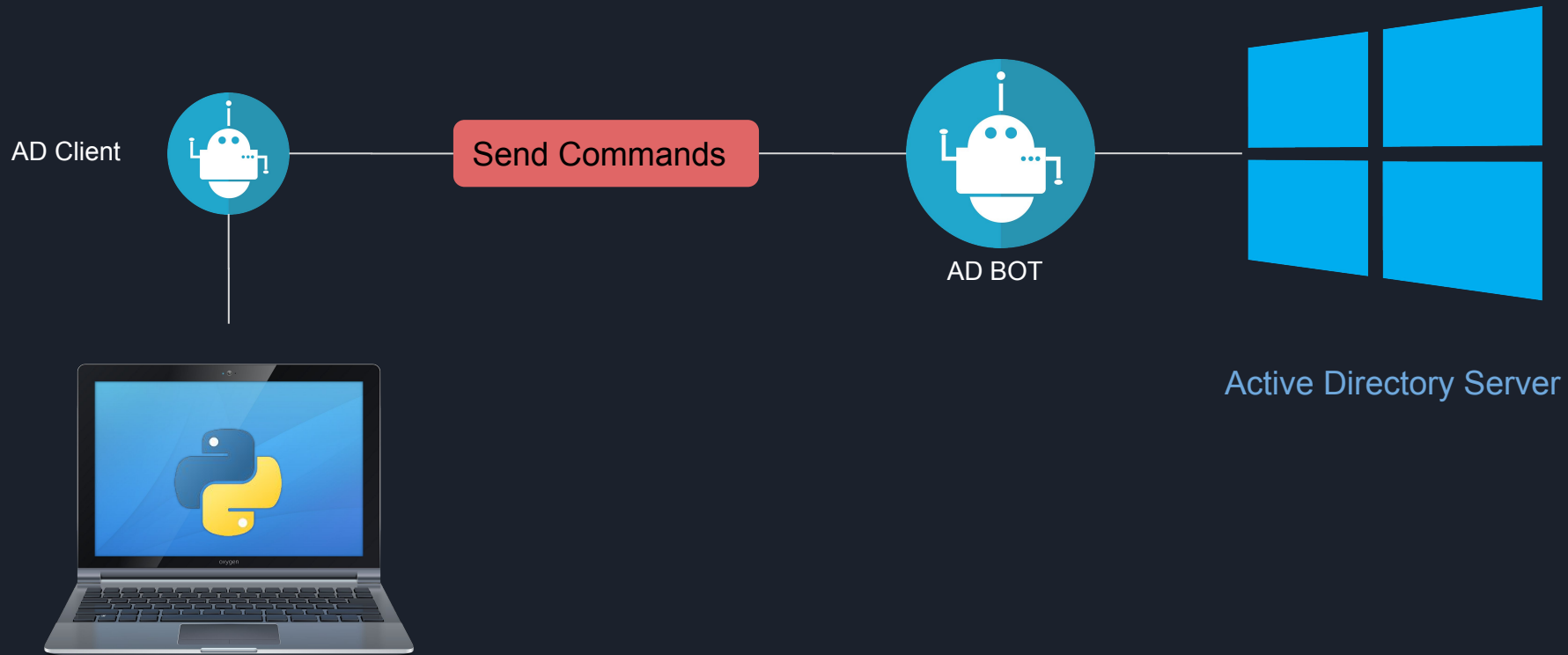
- Create Users - they can login in domain network
- Groups - to grant access to data
- Organizational Units are designed to control objects (delegation and group policy settings)
- Group Policy - Control domain users and computers settings
- Install Softwares and updates
- Manage folder access
- Manage internet access
- Network Security - Disable LAN or USB access



What we will Automate

- Add multiple Users and Groups
- Edit multiple Users and Groups
- Remove Multiple Users and Groups
- Activate and Deactivate multiple users
- Reset Password of multiple Users
- Disable Multiple Users





How we will Automate Active Directory

Directory Service Command-Line Tools to Manage Active Directory Objects

DSAdd - Add object.

DSMod - Modify object.

DSGet - Display object.

DSMove - Move object.

DSQuery - Search for objects.

DSRM - Delete object.



What Commands we will use in AD Server

Python 3.6 - 64 bit

<https://www.python.org>

RPyC

<https://rpypc.readthedocs.io/en/latest>

Pyinstaller

<https://www.pyinstaller.org>



Python Requirements



GitHub Repository

<https://github.com/vfxpipeline/AutomateActiveDirectory>

A decorative graphic consisting of two overlapping, dark gray, parallelogram shapes pointing towards the bottom right corner.

Download Source Code



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