Assignment - 4

Wazuh

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Q.1) You need to add one AGENT in windows and any linux server and take screenshot of it

Ans.1)

- **Deploying an agent in windows:**

  1.) Firstly, I will open Ubuntu 22.04 machine in virtual box, and will note down the ip address of the machine.
  2.) Then I will open the fire-fox browser and will type [https:// (ip](https://) address)
  3.) Wazhu page appears, then I will enter the login credentials provided upon installation of wazhu in the machine.
  4.) In the Wazhu page, I will locate add a new agent.
 5.) I will select the corresponding O.S. upon which agent is deployed as shown in screenshot below
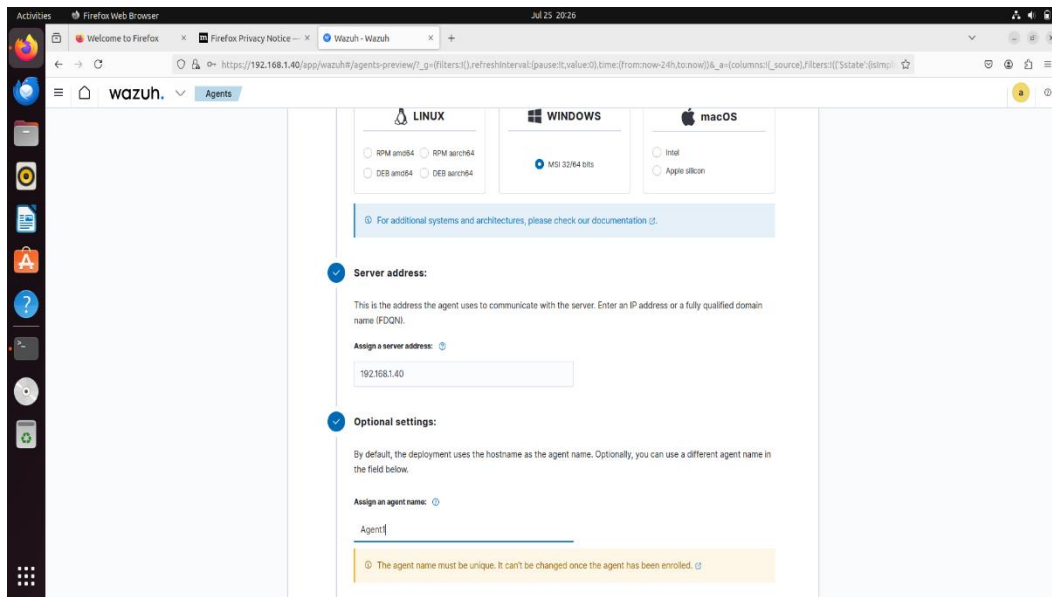
6.) After entering the details, copy the code provided and run it in the windows power shell of system step by step.

7.) Agent has been deployed as shown the screenshots below
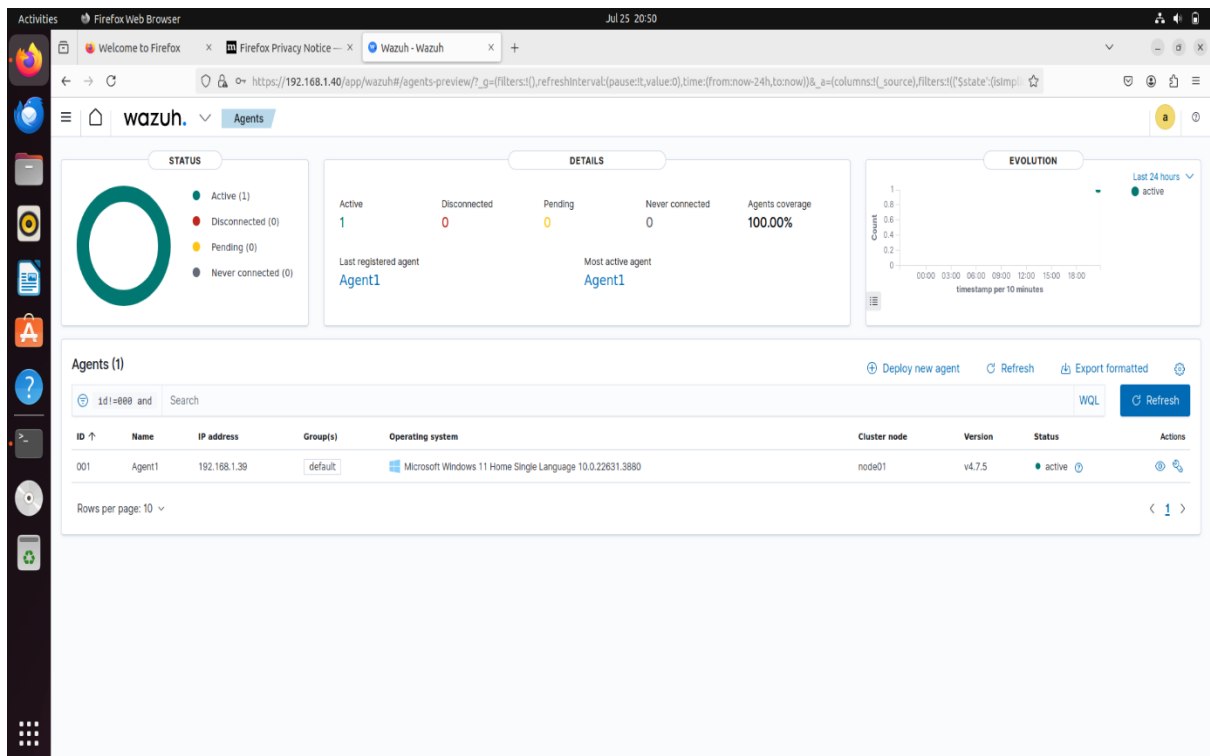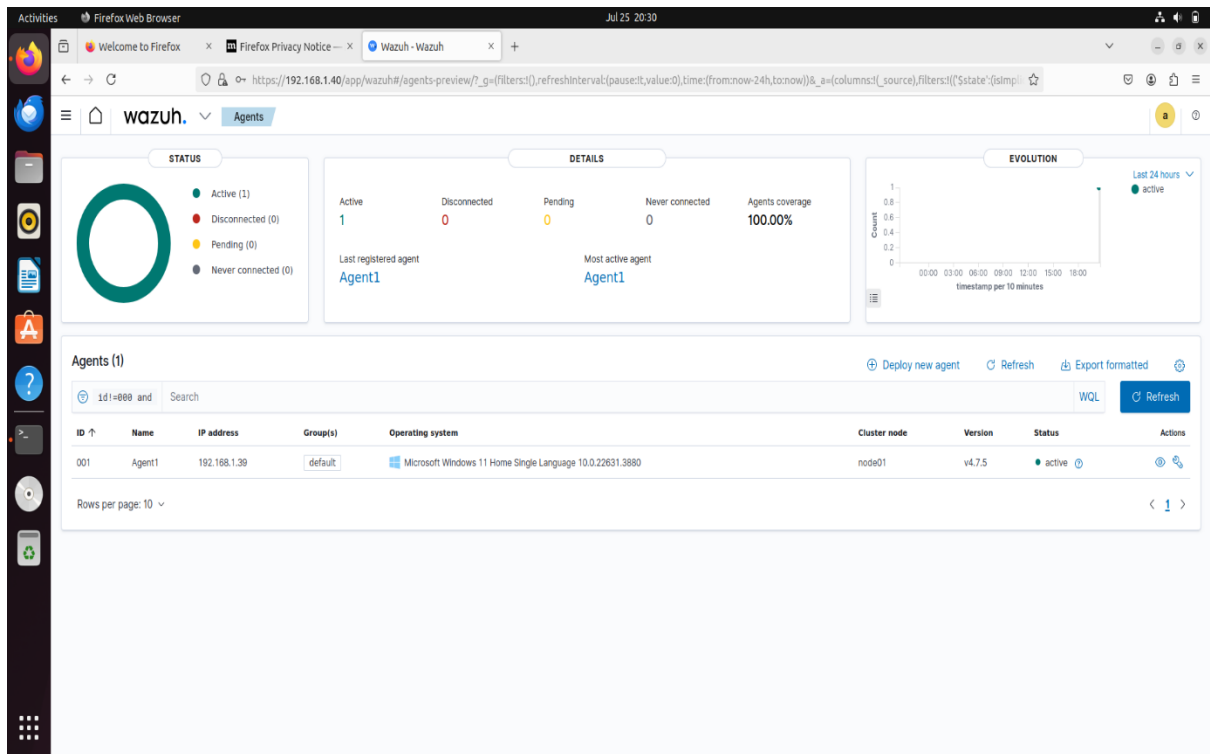
- **<u>Deploying agent in Kali-Linux</u>**

1.) Open the Wazhu page again
2.) Locate the option 'Deploy new Agent'
3.) Enter the corresponding O.S details
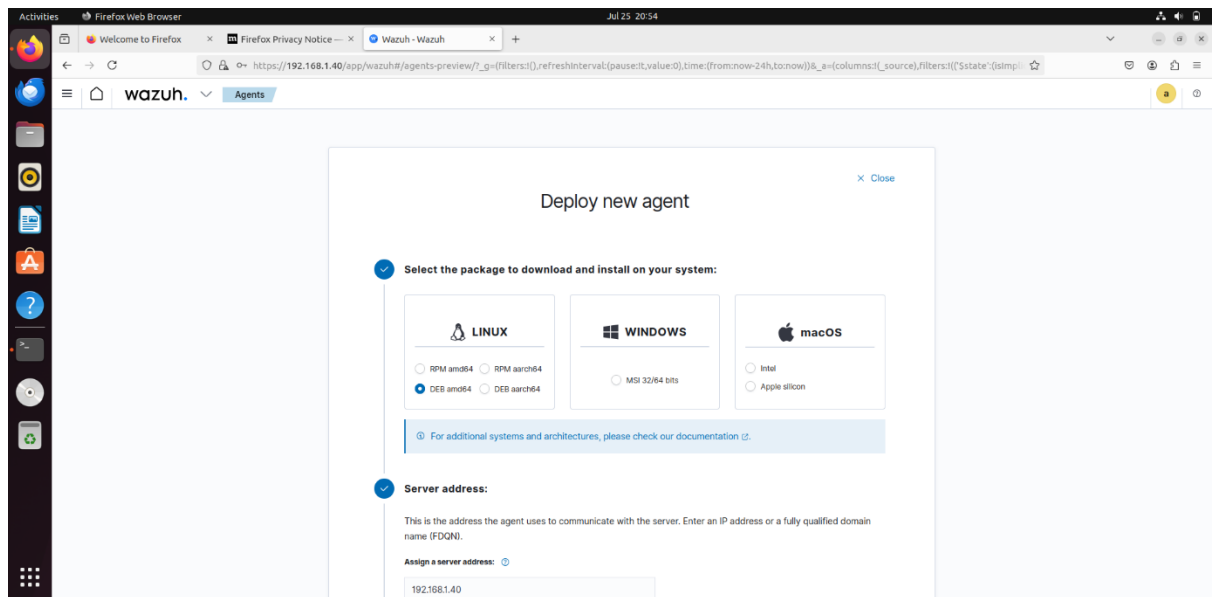
4.) Open the kali linux power shell and run the code provided by Wazhu page.

5.) The agent has been deployed, as shown in the below screenshots

```
└─# chmod o+r /etc/resolv.conf

┌──(root@kali)-[/home/kali]
└─# nano /etc/resolv.conf

┌──(root@kali)-[/home/kali]
└─# wget https://packages.wazuh.com/4.x/apt/pool/main/w/wazuh-agent/wazuh-agent_4.7.5-1_amd64.deb && sudo WAZUH_MAN
AGER='192.168.1.41' WAZUH_AGENT_GROUP='default' WAZUH_AGENT_NAME='Agent2' dpkg -i ./wazuh-agent_4.7.5-1_amd64.deb
--2024-07-27 03:54:20--  https://packages.wazuh.com/4.x/apt/pool/main/w/wazuh-agent/wazuh-agent_4.7.5-1_amd64.deb
Resolving packages.wazuh.com (packages.wazuh.com)... failed: Temporary failure in name resolution.
wget: unable to resolve host address 'packages.wazuh.com'

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AGER='192.168.1.41' WAZUH_AGENT_GROUP='default' WAZUH_AGENT_NAME='Agent2' dpkg -i ./wazuh-agent_4.7.5-1_amd64.deb
--2024-07-27 03:57:03--  https://packages.wazuh.com/4.x/apt/pool/main/w/wazuh-agent/wazuh-agent_4.7.5-1_amd64.deb
Resolving packages.wazuh.com (packages.wazuh.com)... 18.66.57.84, 18.66.57.7, 18.66.57.11, ...
Connecting to packages.wazuh.com (packages.wazuh.com)|18.66.57.84|:443 ... connected.
HTTP request sent, awaiting response ... 200 OK
Length: 9378818 (8.9M) [binary/octet-stream]
Saving to: 'wazuh-agent_4.7.5-1_amd64.deb'

wazuh-agent_4.7.5-1_amd64.de 100%[===================================>]   8.94M   181KB/s    in 76s

2024-07-27 03:58:24 (120 KB/s) - 'wazuh-agent_4.7.5-1_amd64.deb' saved [9378818/9378818]


Selecting previously unselected package wazuh-agent.
(Reading database ... 432525 files and directories currently installed.)
Preparing to unpack .../wazuh-agent_4.7.5-1_amd64.deb ...
Unpacking wazuh-agent (4.7.5-1) ...
Setting up wazuh-agent (4.7.5-1) ...

┌──(root@kali)-[/home/kali]
└─# systemctl daemon-reload

┌──(root@kali)-[/home/kali]
└─# systemctl enable wazuh-agent
Created symlink '/etc/systemd/system/multi-user.target.wants/wazuh-agent.service' → '/usr/lib/systemd/system/wazuh-
agent.service'.

┌──(root@kali)-[/home/kali]
└─# systemctl start wazuh-agent

┌──(root@kali)-[/home/kali]
└─#
```