

Agent Installation on Ubuntu Desktop

Introduction:

After installing the Wazuh Server on an Ubuntu operating system, the next step is to install the Wazuh Agent on Ubuntu Desktop.

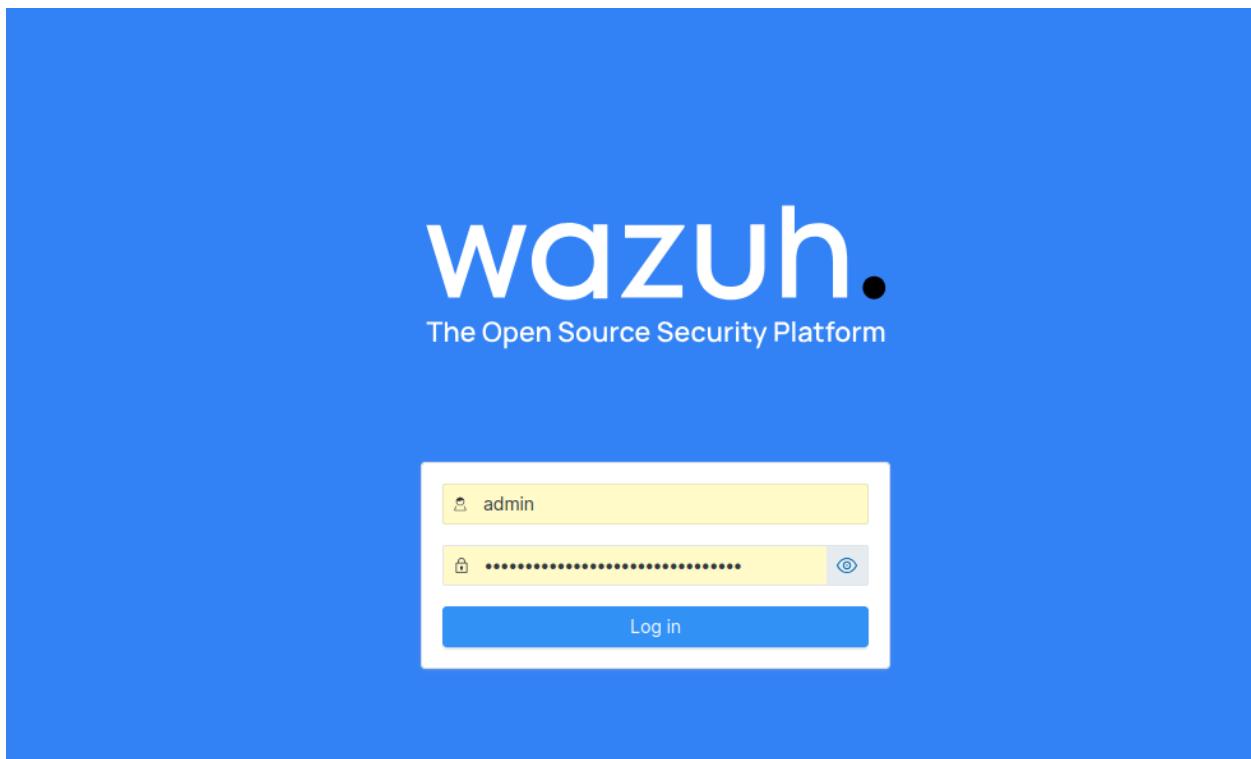
The Agent is required to collect the logs, events and system information from the Ubuntu Desktop and send them to Wazuh Server.

Before installing the agent, ensure that the server machine and the agent machine are on the same network.

We installed the agent by using Wazuh Dashboard and clicking on the “Deploy New Agent” option.

Checking communication between both systems is important because the Ubuntu Agent needs to connect to the Wazuh Manager.

First open the Wazuh Dashboard using the IP address of Ubuntu host system.



Click on “Deploy New Agent”.

The screenshot shows the Splunk Cloud Platform interface at the URL <https://10.10.140.37/app/endpoints-summary#/agents-preview/>. The top navigation bar includes icons for back, forward, search, and sign in. Below the navigation is a header with tabs: 'Endpoints' (selected), 'W.', and 'a'. The main area has three circular dashboards: 'AGENTS BY STATUS' (red circle, 1 disconnected), 'TOP 5 OS' (green circle, 1 windows), and 'TOP 5 GROUPS' (green circle, 1 default). Below these is a table titled 'Agents (1)'. The table has columns: ID, Name, IP address, Group(s), Operating system, Cluster node, Version, Status, and Actions. One row is shown: '001 Window-Agent 10.10.140.31 default Microsoft Windows Server 2022 Standard Evaluation 10.0.20348.587 node01 v4.14.1 disconnected'. Buttons at the top of the table include 'Deploy new agent', 'Refresh', 'Export formatted', 'More', and a gear icon.

Now select the endpoint where we want to deploy our Agent. As we want to install the Agent on **Ubuntu Desktop**, so we select **Linux**.

The screenshot shows the 'Deploy new agent' wizard. Step 1: 'Select the package to download and install on your system:'. It has three options: 'LINUX' (selected), 'WINDOWS', and 'macOS'. Under LINUX, 'DEB amd64' is selected. Under WINDOWS, 'MSI 32/64 bits' is shown. Under macOS, 'Intel' and 'Apple silicon' are listed. A note at the bottom says: 'For additional systems and architectures, please check our documentation.'

Now give the Manager IP and also give the agent name.

The screenshot shows the 'Deploy new agent' wizard. Step 2: 'Server address:'. It asks for the server address (10.10.140.37) and a checkbox for 'Remember server address'. Step 3: 'Optional settings:'. It asks for an agent name (Ubuntu-Agent) and a note states: 'The agent name must be unique. It can't be changed once the agent has been enrolled.'

Now run the following command on the **Ubuntu Desktop**.

Open terminal and run the command:

```
wget
```

```
https://packages.wazuh.com/4.x/apt/pool/main/w/wazuh-agent/wazuh-agent_4.14.1-1_amd64.deb && sudo WAZUH_MANAGER='10.10.140.37' WAZUH_AGENT_NAME='Ubuntu-Agent' dpkg -i ./wazuh-agent_4.14.1-1_amd64.deb
```

```
ubuntu@ubuntu: ~$ wget https://packages.wazuh.com/4.x/apt/pool/main/w/wazuh-agent/wazuh-agent_4.14.1-1_amd64.deb && sudo WAZUH_MANAGER='10.10.140.37' WAZUH_AGENT_NAME='Ubuntu-Agent' dpkg -i ./wazuh-agent_4.14.1-1_amd64.deb
2025-12-07 21:29:47-- https://packages.wazuh.com/4.x/apt/pool/main/w/wazuh-agent/wazuh-agent_4.14.1-1_amd64.deb
Resolving packages.wazuh.com (packages.wazuh.com)... 108.139.79.109, 108.139.79.84, 108.139.79.54, ...
Connecting to packages.wazuh.com (packages.wazuh.com)|108.139.79.109|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 13112530 (13M) [application/vnd.debian.binary-package]
Saving to: 'wazuh-agent_4.14.1-1_amd64.deb'

wazuh-agent_4.14.1-1_amd64.deb      100%[=====] 12.50M  9.17MB/s   in 1.4s
2025-12-07 21:29:48 (9.17 MB/s) - "wazuh-agent_4.14.1-1_amd64.deb" saved [13112530/13112530]

[sudo] password for ubuntu:
Selecting previously unselected package wazuh-agent.
(Reading database ... 205458 files and directories currently installed.)
Preparing to unpack .../wazuh-agent_4.14.1-1_amd64.deb ...
Unpacking wazuh-agent (4.14.1-1) ...
Setting up wazuh-agent (4.14.1-1) ...
ubuntu@ubuntu: ~$
```

Now run the following command to start the agent.

```
sudo systemctl daemon-reload
sudo systemctl enable wazuh-agent
sudo systemctl start wazuh-agent
```

```
ubuntu@ubuntu: ~$ sudo systemctl daemon-reload
sudo systemctl enable wazuh-agent
sudo systemctl start wazuh-agent
Created symlink /etc/systemd/system/multi-user.target.wants/wazuh-agent.service → /lib/systemd/system/wazuh-agent.service.
ubuntu@ubuntu: ~$
```

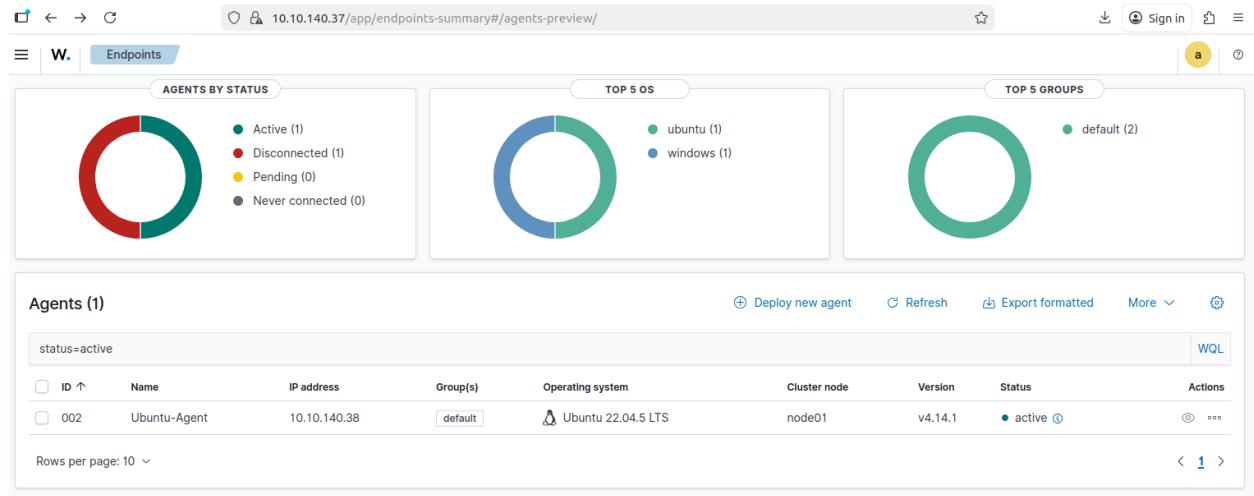
Now restart the Wazuh Manager:

```
sudo systemctl restart wazuh-manager
```

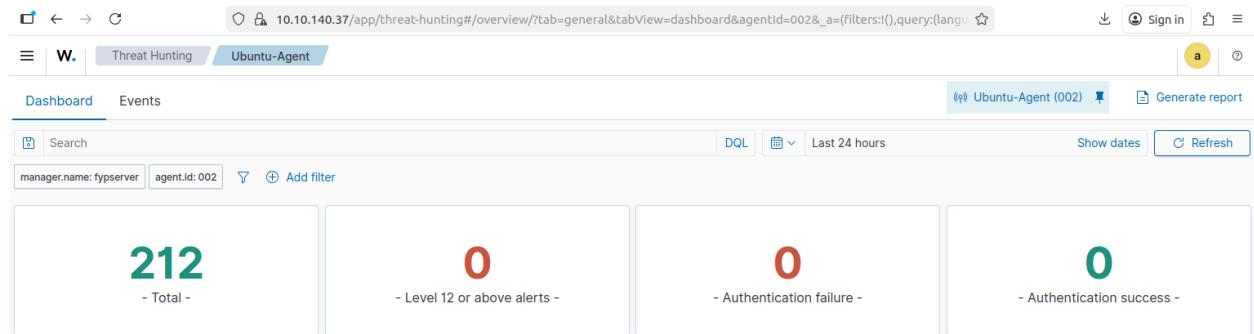
```
wazuh@fypserver: ~$ sudo systemctl restart wazuh-manager
[sudo] password for wazuh:
wazuh@fypserver: ~$
```

After restarting the Wazuh Manager, check the dashboard for a successful agent connection.

Now we see the second Agent on dashboard that is Ubuntu-Agent and it is active.



We successfully installed the Wazuh agent and now both are connected. Ubuntu Desktop agent logs are showing on the Wazuh Dashboard.



Summary:

We successfully installed the Wazuh Agent on Ubuntu Desktop using the “Deploy new agent” option in the Wazuh Dashboard. The agent is now connected to the Wazuh Manager and ready to send logs and security data.