

KB LEVEL: SVR	KB ARTICLE	KB NUMBER: ##
	<i>How to add Windows Agents to Wazuh Server</i>	

KB Category:	Internal		
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Problem Description:	N/A
Symptoms and Cause of the issue:	N/A

Procedure:

Step 1: Log in to ssh 172.17.0.125 port 3489 the enter credentials

- Username : root
- Password : !D*****5

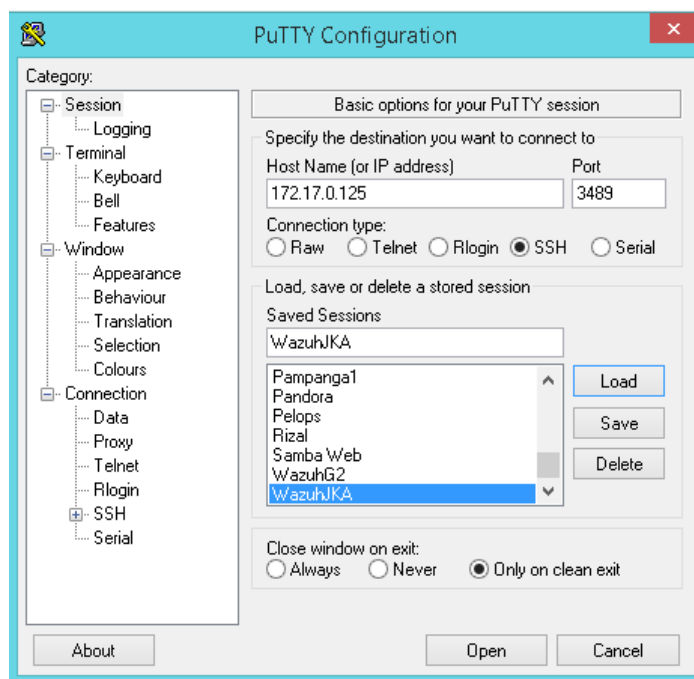


Figure 1



Figure 2

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Step 2: On the manager, run `manage_agents`

```
$ /var/ossec/bin/manage_agents

*****
* Wazuh v2.0 Agent manager.                *
* The following options are available: *
*****
(A)dd an agent (A).
(E)xtract key for an agent (E).
(L)ist already added agents (L).
(R)emove an agent (R).
(Q)uit.
Choose your action: A,E,L,R or Q:
```

Figure 1

Step 3: Press A and Enter to add an agent. You'll be asked for the agent's name (*use the agent hostname or another arbitrary name*), its IP and the agent ID (*you can leave this field empty to auto-assign an ID*).

```
[root@jka-vlin-fim01 ~]# /var/ossec/bin/manage_agents

*****
* Wazuh v3.8.2 Agent manager.                *
* The following options are available: *
*****
(A)dd an agent (A).
(E)xtract key for an agent (E).
(L)ist already added agents (L).
(R)emove an agent (R).
(Q)uit.
Choose your action: A,E,L,R or Q: a

- Adding a new agent (use '\q' to return to the main menu).
  Please provide the following:
    * A name for the new agent: JKA-VWIN-DC01
    * The IP Address of the new agent: 172.17.0.121
  Confirm adding it?(y/n): y
```

Figure 1

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Step 5: Then select E to extract key for an agent. Type in the Agent ID .

```
*****
* Wazuh v3.8.2 Agent manager.          *
* The following options are available:  *
*****
(A)dd an agent (A).
(E)xtract key for an agent (E).
(L)ist already added agents (L).
(R)emove an agent (R).
(Q)uit.
Choose your action: A,E,L,R or Q: e

Available agents:
  ID: 001, Name: JKA-VWIN-DC01, IP: 172.17.0.121
  ID: 002, Name: JKA-VWIN-WSUS01, IP: 172.17.0.123
Provide the ID of the agent to extract the key (or '\q' to quit): 001
```

Figure 1

Step 5:Copy the key.

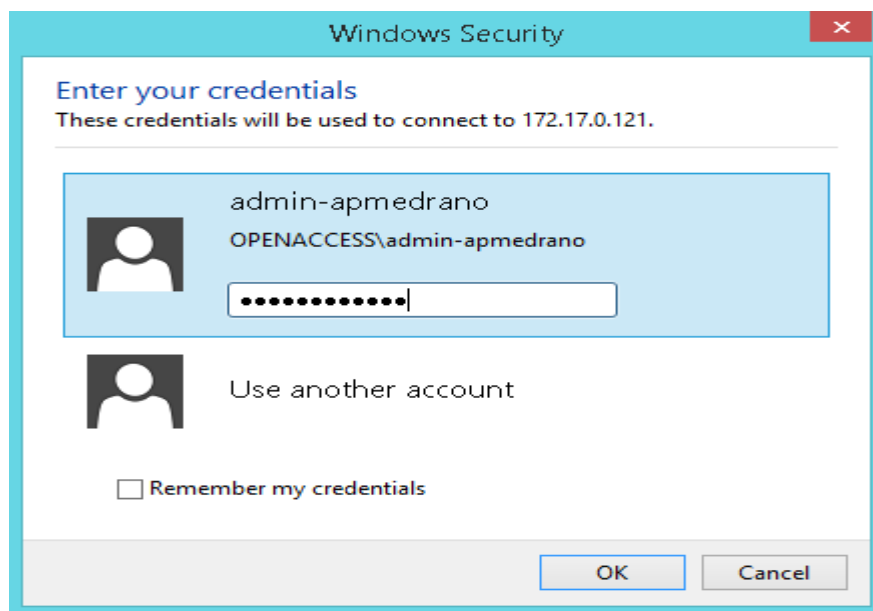
```
Provide the ID of the agent to extract the key (or '\q' to quit): 001

Agent key information for '001' is:
MD&xIEpLQs1WVO1OLURDMDEgMTcyLjE3LjAuMTIxID&yMjMxOGYyYTMyOwRhNGE4MjJiMGRjYTk5ZmE4
ZjhjZTdkNTUxMjg4OTJhOGMiNzZmODl1YTdiY2MONTk3NWY=

** Press ENTER to return to the main menu.
```

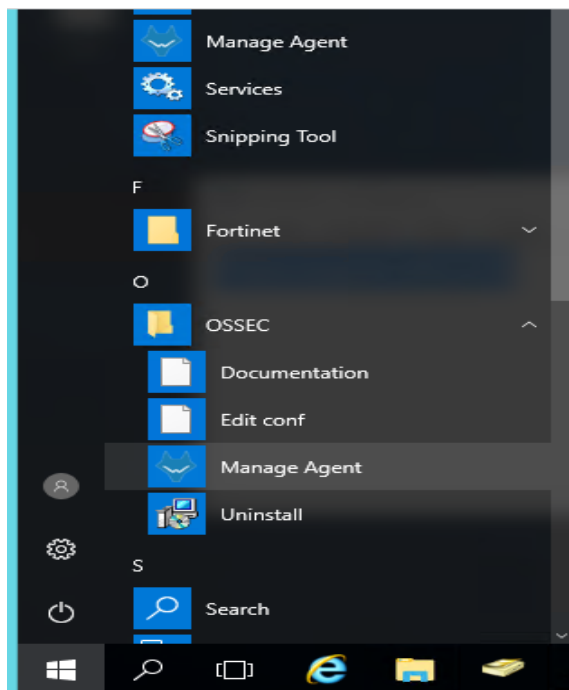
Figure 1

Step 5: After copying RDP server 172.17.0.121 use your admin credentials.

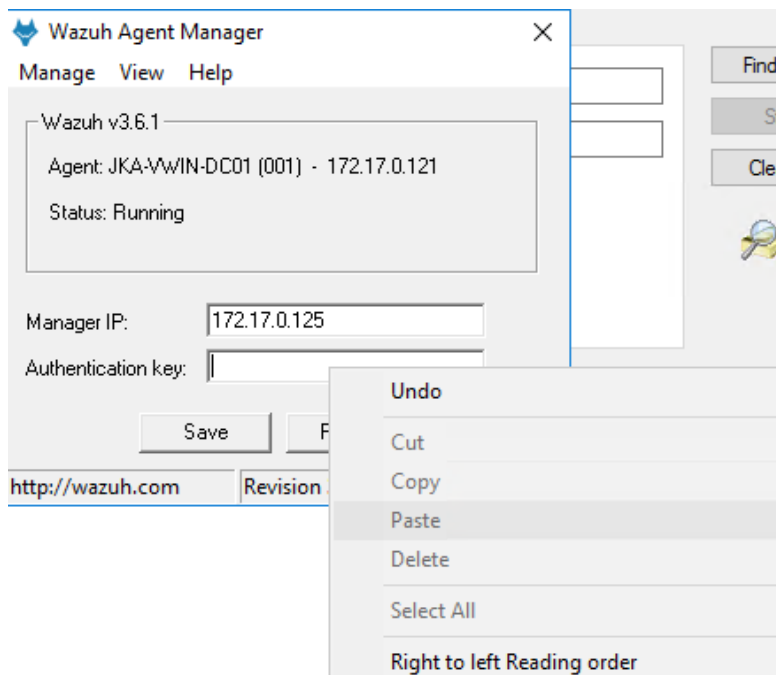


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Step 6: Go to windows icon select OSSEC then click on Manage agent.

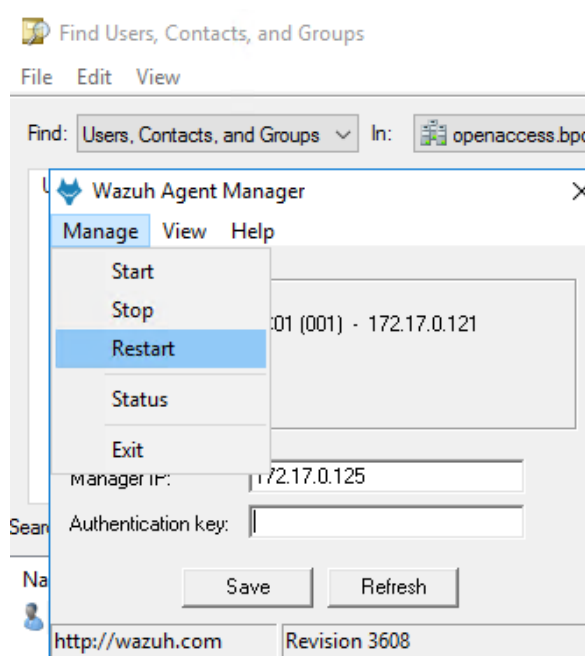


Step 7: Paste the key to the authentication key then hit save.



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Step 8: After saving go to manage then select restart.



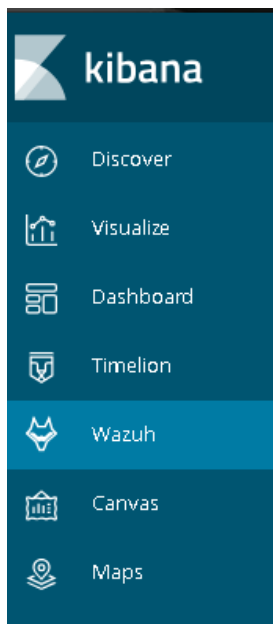
Step 9: Go back to SSH 172.17.0.125 and execute the command below.

```
> service wazuh-manager restart
> /var/ossec/bin/ossec-control restart
```

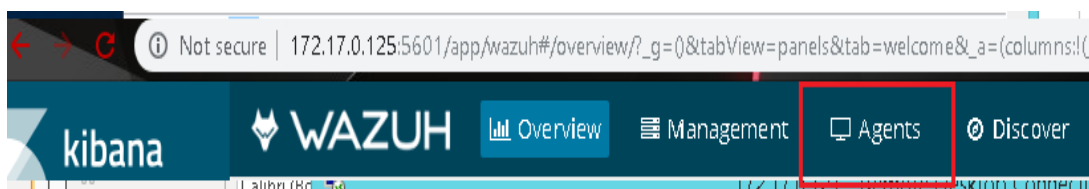
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Verification:

Step 1: Go to the <http://172.17.0.125:5601> in the browser and select Wazuh.



Step 1: Select agents then hit refresh to update the agents list.



Step 1: Agent are now added to Wazuh.

 A screenshot of the Kibana Wazuh Agents page. The page shows a summary of agent status (Active: 2, Disconnected: 0, Never connected: 0, Agents coverage: 100.00%) and a table of agents. The 'Agents' tab is selected in the sidebar.

ID	Name	IP	Status	Group	OS name	OS version	Version	Registration date	Last keep alive	Actions
001	JKA-WWIN-DC01	172.17.0.121	Active	default	Microsoft Windows Server ...	10.0.14393	Wazuh v3.6.1	2019-04-12 06:57:11	2019-04-12 13:34:34	[Refresh] [Delete]

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