

# Register Agents

Two requests are needed to register an agent using the API:

- POST /agents ([reference](#))
- PUT /agents/:agent\_name ([reference](#))

We have prepared a few scripts in different languages to help with the task of registering an agent with the API:

- [Register an agent using a shell script.](#)
- [Register an agent using a Python script.](#)
- [Register an agent using a PowerShell script.](#)

Basically, the scripts perform the following steps:

**Step 1:** Add the agent to the manager.

```
$ curl -u foo:bar -k -X POST -d 'name=NewAgent&ip=10.0.0.8' https://API_IP:55000/agents
{"error":0,"data":"001"}
```

**Step 2:** Get the agent key.

```
$ curl -u foo:bar -k -X GET https://API_IP:55000/agents/001/key
{"error":0,"data":"MDAxIE5ld0FnZW50IDFwLjAuMC44IDM0MGQ1NjNkODQyNjcxMWIyYzUzZTE1MGIzYjEyYWVlMTU1ODgxMzVhNDE3MWQ1Y2IzZDY4M2Y0YjA0ZWVjYzM="}
```

**Step 3:** Copy the key to the agent.

```
$ /var/ossec/bin/manage_agents -i
MDAxIE5ld0FnZW50IDFwLjAuMC44IDM0MGQ1NjNkODQyNjcxMWIyYzUzZTE1MGIzYjEyYWVlMTU1ODgxMzVhNDE3MWQ1Y2IzZDY4M2Y0YjA0ZWVjYzM=
```

## Warning

If you paste the command directly in the terminal, the agent key will be saved in the bash history. Use *manage\_agents* without arguments or from a script.

**Step 4:** Restart the agent.

```
$ /var/ossec/bin/ossec-control restart
```

