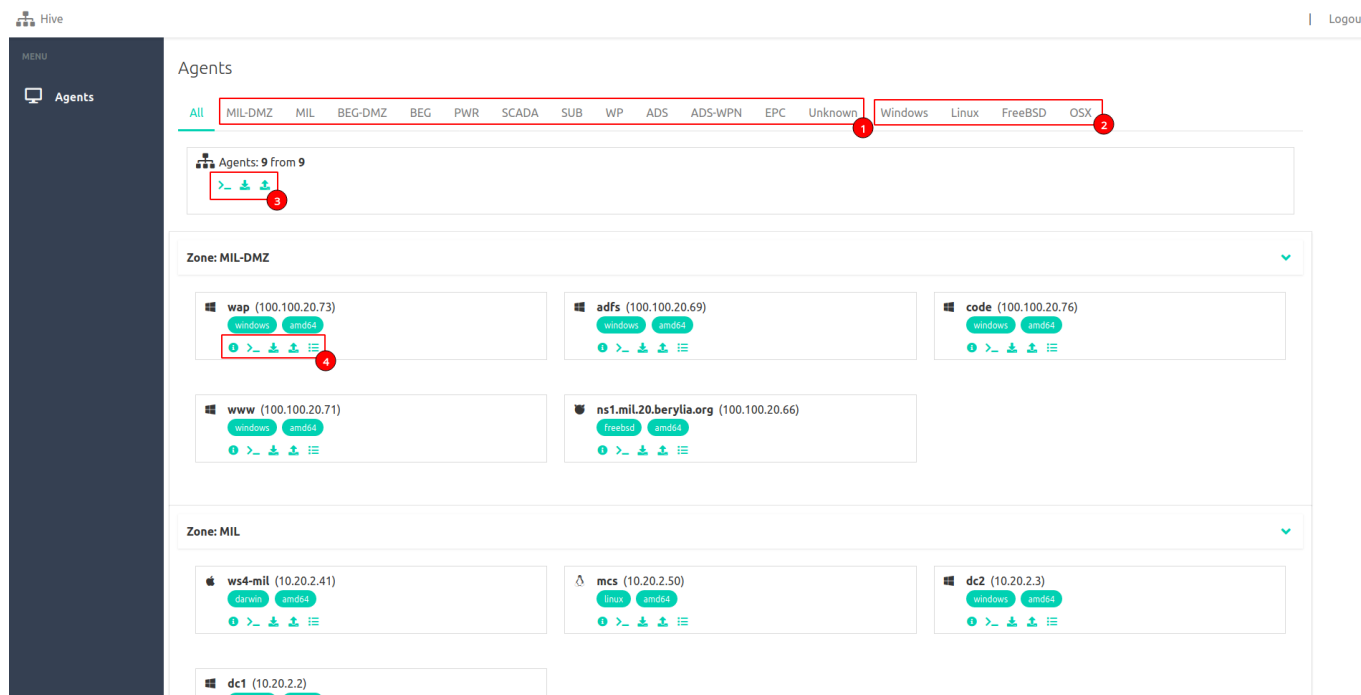


Hive usage

General layout

By default it displays all agents grouped by network zone.



Agent list screen has following parts as numbered in screen shot:

1. Network zone filter (multiple can be selected or deselected when clicking on zone name).
2. Operating system filter (multiple can be selected or deselected when clicking on OS name).
3. Commands (shell, upload file, download file) to execute on all agents that match selected filters.
4. Commands (network information, shell, upload file, download file, get process list) to execute on specific agent.

Execute shell command

The screenshot shows a web-based interface for executing commands on a group of agents. The interface is a white modal box on a dark background. At the top, it says 'Execute command on 14 agents' with a red circle '1' next to it. Below this is a 'Time limit:' section with a text input containing '300' and a red circle '2' to its right. There are three sections for different operating systems: 'Linux command:' with a text input containing 'ps aux' and a red circle '3' to its right; 'Windows command:' with a text input containing 'wmic process list' and a red circle '4' to its right; and 'OS X command:' with a text input containing 'ps aux' and a red circle '5' to its right. At the bottom left of the modal is a green 'Execute' button with a red circle '6' next to it. The background shows a blurred view of a terminal window with the text 'code' and 'wind'.

Either when executing commands on either single or multiple agents simultaneously you can provide command for each type of OS if multiple OS agents are selected.

1. Shows number of agents will execute provided commands.
2. Linux or FreeBSD shell command to execute (if there is such agent).
3. Windows cmd.exe command to execute (if there is such agent).
4. OSX shell command to execute (if there is such agent).
5. Press "Execute" to send commands to all selected agents.

Agents execute commands asynchronously and it is possible that not all agents will respond.

The screenshot shows a task execution interface. On the left, there's a sidebar with 'Tasks' and a list of tasks grouped by zones: MIL-DMZ and MIL. The main area displays a detailed view of a task execution for 'code (100.100.20.76)'. The task is in a 'Completed' state. The execution details show a command line, CSName, Description, ExecutablePath, ExecutionState, Handle, HandleCount, InstallDate, KernelModeTime, MaximumWorkingSetSize, and MinimumWorkingSetSize. The command output is displayed in a scrollable area. A 'Delete' button is visible at the bottom of the task details.

1. Agent name and IP address as well as cummand execution status code.
2. Command output.
3. Close execution result list (can be opened later again).
4. Click on "Delete" to delete results permanently.

If not deleted all tasks can be accessed again by clicking on specific icon:

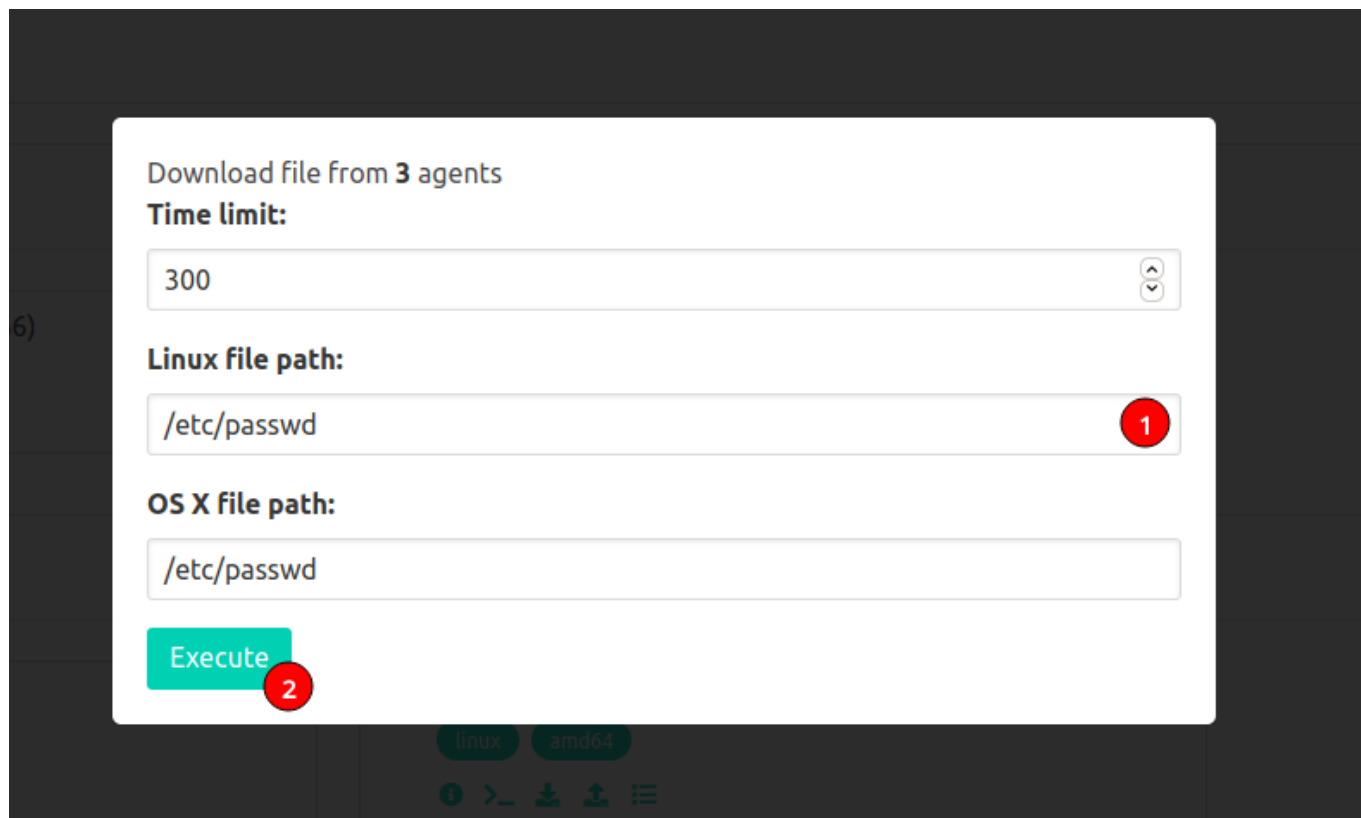
Agents

The screenshot shows the 'Agents' section of the interface. At the top, there are tabs for 'All', 'MIL-DMZ', 'MIL', 'BEG-DMZ', 'BEG', 'PWR', and 'SCADA'. Below the tabs, there's a section titled 'Agents: 14 from 14' with icons for search, download, and upload. Below this, there's a 'Tasks' section with a search icon. A red arrow points to the search icon in the 'Tasks' section.

Linux, OSX and FreeBSD commands allow to use command piping like `|`, `>`, `<` etc.

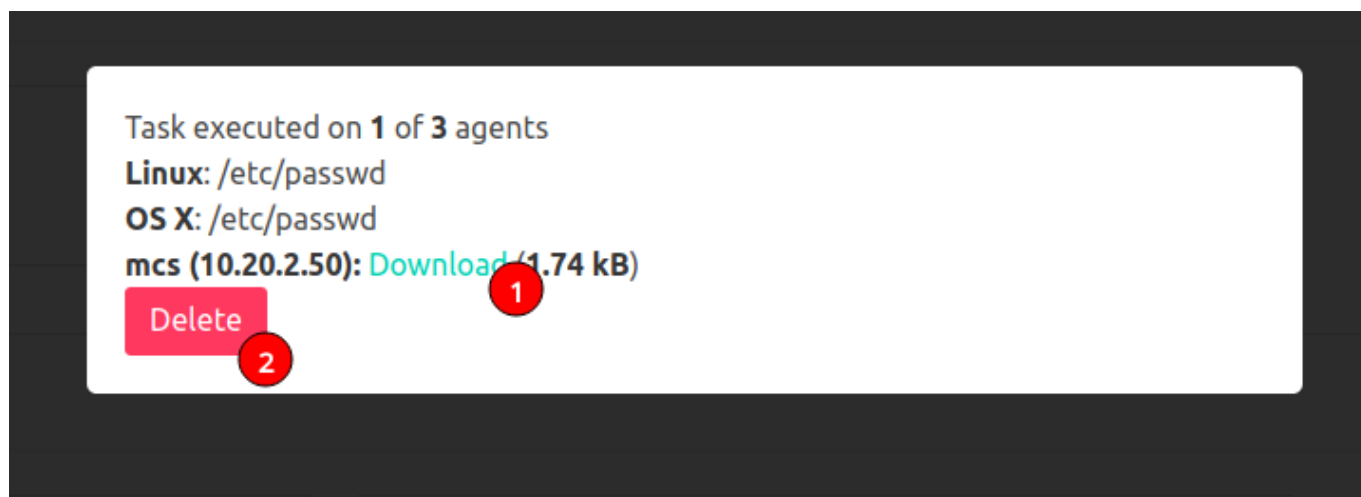
Download files from server

It is possible to download files from multiple agents by providing file path.



1. File path to download for specific OS type
2. Press "Execute" to send commands to download files on all selected agents.

Agents execute commands asynchronously and it is possible that not all agents will respond.



1. Clicking on download will initiate file download.
2. Click on "Delete" to delete results permanently.

If not deleted all tasks can be accessed again by clicking on specific icon.

Agent installation

- Upload or download agent executable to server or workstation

Example for Linux:

```
curl http://<hive-server-ip>:50080/agents/agent-0.0.4-linux-amd64 >  
/usr/bin/monit  
chmod +x /usr/bin/monit
```

On windows it should be saved as **monit.exe** somewhere in **PATH** for example in **C:\Windows\System32**.

- Install it as service

```
monit -service install
```

- Start service

```
monit -service start
```