

GitHub - shell-dot/tuoni: Tuoni

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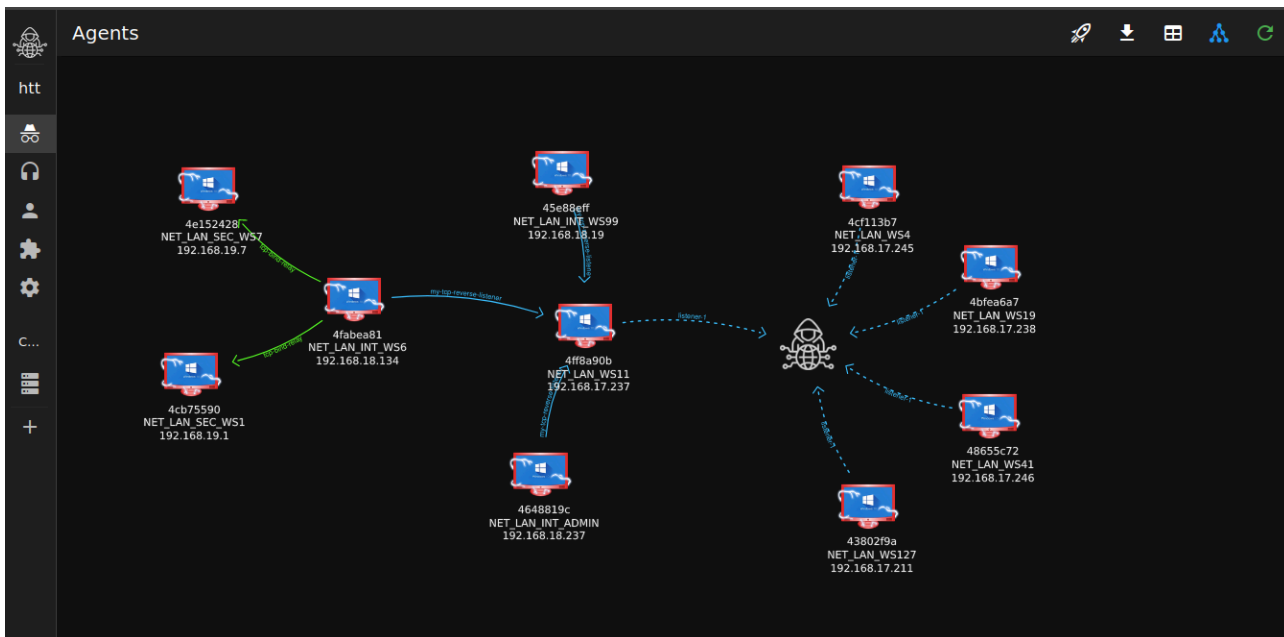


Tuoni is a cross-platform red teaming framework built for cyber defense exercises and security training. It provides a browser-based interface, a modular plugin system, and streamlined reporting — deployed through Docker in minutes.

Features

- **Browser-based UI** — Operate from any machine, no client installation required
 - **Modular plugins** — Extend and tailor capabilities to fit specific exercise needs
 - **Docker-native** — Consistent, reproducible deployment on Debian, Ubuntu, and Kali Linux
 - **Built for scale** — Designed for large-scale exercises with multiple concurrent operators
 - **Offline-capable** — Optional bundled documentation service for air-gapped environments
-

Screenshots



```
411f81cd | listener-1 | DESKTOP-J541NMQ | 192.168.17.237 | jaanus | 6264 | im_evil.exe | 5 min | 6 min
```

```
[2024-02-01T21:53:08.319Z]/Tuoni > powershell --command ls
```

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\jaanus\Downloads> ls
```

Mode	LastWriteTime	Length	Name
----	-----	-----	-----
-a----	2/1/2024 11:48 PM	612352	im_evil.exe
-a----	2/1/2024 7:24 PM	0	www.youtube.com_watch_v=dQw4w9WgXcQ.txt

```
PS C:\Users\jaanus\Downloads>
```

```
Command completed.
```

```
/Tuoni @ C:\Users\jaanus\Downloads > execute-assembly
```

```
execute-assembly --parameter value
```

```
Execute C# assembly
Parameters
--executable* <required> {default: 'leave blank to upload a file'}, override:<b64string>
Base64 encoded CSharp executable to run.
--parameters [optional]
Array of arguments to pass to the executable.
Example: execute-assembly --executable 'value' --parameters
```

Prerequisites

- **OS:** Debian, Ubuntu, or Kali Linux
- **Architecture:** x86_64 or ARM64
- **Docker:** 25.0.0 or later — installed automatically if missing
- **Network:** Outbound internet access for the initial image pull
- `wget` or `curl` must be available

Installation

```
wget -O - https://tuoni.sh | bash
cd /srv/tuoni
```

Or with curl:

```
curl https://tuoni.sh | bash
cd /srv/tuoni
```

Running the installer again will update Tuoni to the latest version. The Tuoni service will restart automatically.

Silent / Automated Install

Set `SILENT=1` to run without any prompts — useful for provisioning scripts or CI pipelines:

```
export SILENT=1
curl https://tuoni.sh | bash
```

Environment Variables

Variable	Default	Description
<code>SILENT</code>	<i>(unset)</i>	Set to <code>1</code> to skip all interactive prompts
<code>NO_UPDATE</code>	<i>(unset)</i>	Set to <code>1</code> to skip updating the app on re-run
<code>TUONI_USERNAME</code>	<code>tuoni</code>	Initial admin username
<code>TUONI_PASSWORD</code>	<i>(autogenerated)</i>	Initial admin password
<code>TUONI_DOCKER_IPV6_ENABLED</code>	<code>false</code>	Enable IPv6 on the Docker network
<code>TUONI_REPO</code> 	<code>https://github.com/shell-dot/tuoni.git</code>	Source repository override
<code>TUONI_BRANCH</code> 	<code>main</code>	Branch to install from
<code>TUONI_VERSION</code> 	<i>(unset)</i>	Pin a specific version
<code>TUONI_SUDO_COMMAND</code> 	<code>sudo -E</code>	Override the sudo invocation

 Experimental — intended for development and testing only.

If `wget` or `curl` are not installed, add them first:

```
sudo apt-get install -y wget curl
```

Getting Started

After installation, open the URL printed by the installer in your browser and log in with the credentials shown during setup.

The `tuoni` CLI manages the running services:

```
tuoni help
```

Full documentation is at docs.shelldot.com.

Community

Questions, feedback, or want to get involved? Join us on [Discord](#).

Acknowledgements

Tuoni is built on top of a number of excellent open-source projects. See [ACKNOWLEDGEMENTS.md](#) for details.

Source: <https://github.com/shell-dot/tuoni>