



Shuffle Overview



Introduction

- Shuffle started as a project in mid-2019 to address few automation related problems in the CERT/SIRT community.
- While current automation solutions try to do everything at once; handle tickets, indicators, threat intel and much more in a single platform...
- We focus on building the best solution to fit all your existing tools following the Unix philosophy:
"Do One Thing and Do It Well".

Why Shuffle?

- App Creator
- Workflow Designer
- Standard Workflows and Apps
- Local, hosted, cloud, and Hybrid
- Multi-tenancy and Multi-org
- Multiple environments
- File Storage
- Key-value Store
- Encrypted Authentication storage
- Built-in Documentation
- Triggers of all kinds
- SSO and MFA
- Essentially, one-stop shop for ALL your automation needs.



App Creator

- Our app creator is how we can promise to build apps within hours and days, rather than weeks.
- It's an easy to use yet powerful way to easily interact with other platforms' API's. It allows for app creation based on Swagger / OpenAPI, and can handle authentication for any HTTP method.



Generate from
Documentation

FROM SCRATCH



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0



Workflow Designer

- Our workflow designer is the part of Shuffle that makes it all fit together.
- Together with the App creator and our default apps (HTTP & Shuffle Toolbox), it gives you access to unlimited automation possibilities, ensuring anyone can learn to automate anything with just a few hours of practice.



Standard Workflows & Apps

- Shuffle comes pre-packaged with a large amount of apps and workflows, making it both easy to use & extend.
- This, together with our Marketplace is what will bring security to new heights.



Hosting

Shuffle can be:

- Local
- Hosted
- Cloud
- Hybrid

More on this [here](#).

overview

On this page you can configure individual parts of your org

Name

Shuffle AS

Description

A description for the organization

Cloud synchronization

What does cloud sync do? Cloud synchronization is a way of getting more out of Shuffle. Shuffle other users can't be done without a collaborative approach.

Currently syncronizing: False

Your Apikey

Cloud sync features



Webhook



Schedules



Send Mail



Send Sms

Multi-tenancy and Multi-org

- Shuffle allows for a user to have multiple organizations associated with a user and vice versa.
- Shuffle is further extended for MSSP's needs, allowing for Sub-organizations to be controlled from a Parent-organization.

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Multiple Environments

- Have multiple datacenters with physical barriers for connections? No problem.
- We've built a way for a single workflow to run scripts in multiple locations.
- Environments are divided by Organization, but still allowing for resource sharing if necessary.

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Cloud sync features

 Webhook X

 Schedules X

 Send Mail X

 Send Sms X

File Storage

- What is a security system that can't handle files? That's why we can.
- If you want to connect Shuffle to your favorite sandbox, or upload and analyze an email with Yara - we can do it all.
- Want more? We also support namespaces, allowing for the download of a full namespace as a single bundle. This means you can control all your rules from a single place.

Workflow Md5



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Key Value Store

- We've extended Shuffle with the possibility of storing data for all your needs. This is called the "**Shuffle Cache**" and can be used for Pagination, timestamp management, IOC lists and anything else you want.
- And not to worry, this is permanent storage if you want it.
- And, it's easy to use, and accessing the data can be done directly from \$shuffle_cache.

Workflow Md5



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Encrypted Authentication Storage

- Having a good storage solution isn't enough. What if the server itself gets breached? Well...
- All your data is safely encrypted, and decrypted ONLY in real time for an app that needs to use them.

tion for GreyNoise

authentication?

required fields for authenticating with

what is this used for?

or GreyNoise

apikey



url

<https://api.greynoise.io>

Built-in Documentation

- What is a system that isn't documented well? A not so useful system.
- That's why we've ensured that our apps get documented, which is available at the click of a button from within the Workflow UI - right next to the authentication process.

ion for GreyNoise

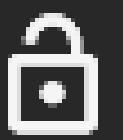
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Triggers of all kinds

Shuffle has:

- **Webhooks:** Allows any outside source to send data in real time to Shuffle.
- **Schedules:** Makes it possible to start a workflow on a schedule
- **Subflows:** Want to run another Workflow from within your current one? This does that exactly.
- **User Input:** Starting or continuing an action based on what a user decides



SSO and MFA

- SSO and other required authentication mechanisms are already in play, and available to anyone who wants to use them rather than normal sign-in.
- They include (but not limited to):
 - Okta
 - Auth0
 - PingID
 - AzureAD



Bonus: Developmental AI

- We're developing technology to allow for apps and workflows to be built based on text.
- Using GPT-4, we can make it even easier for anyone to automate long-term.
- This is available for testing at <https://shuffler.io/chat> and will be open sourced soon.





Shuffle

**One stop shop for all your
automation and security needs.**