

Sonoff
Seamless
Device ID to IP
Mapping
Solution

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Introduction

The following document illustrates the Sonoff Switch solution to provide seamless interaction between Sonoff Switches and custom software using an API.

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Overview

The Sonoff Solution comprises of the following components:

Online Switch Portal

- Create Switch Profiles (Device ID, IP, Port , Station ID, etc) - [Portal](#)
- Update Switch Profiles (Device ID, IP, Port , Station ID, etc) - [Portal](#)







Site Application

- Update Database to current Device ID to IP Mapping 





Software REST API

- Ability to query the current IP for a specific Device ID

Misc Tools

- Sonoff Controller to configure Device   
- Sonoff Adhoc Device IP Finder   

Misc Tools Video Walkthroughs

- Sonoff Controller to configure Device  
- Sonoff Adhoc Device IP Finder  

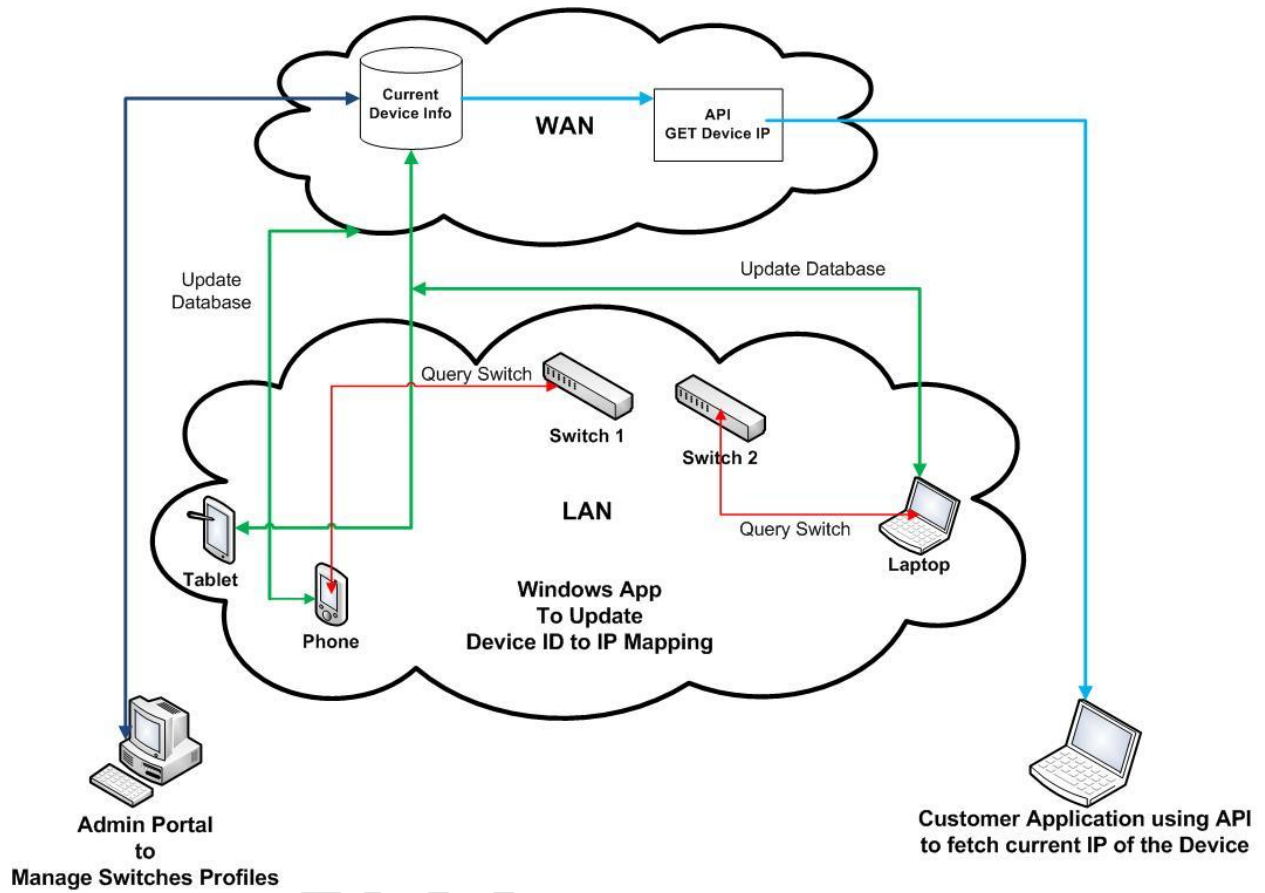
Workflow

The process to configure and utilize the system is as follows:

Step	Description	Reference
1	Add/Update Switch profiles via the web portal using the credentials supplied	https://www.progwhiz.com/Campaign/addlock.html or https://www.progwhiz.com/Campaign/modifylockclient.html
2	Run the Windows application as desired to keep the Device ID to IP current	https://www.progwhiz.com/files/LockServerUpdater_sa.rar
3	Use this system API to fetch the current IP for each Device to interact with each of the switches using 3 rd party applications that have integrated the Sonoff API	https://www.progwhiz.com/Progwhiz_Sonoff_API.pdf

Schema Workflow

The following diagram depicts the components of the solution and the process flow interaction.



Support

Support Software and Documentation is provided below:

Website

https://www.progwhiz.com/portal_locks.html

API

https://www.progwhiz.com/Progwhiz_Sonoff_API.pdf

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