

Freedom Fone 2.S Authentication Specification

Table of Contents

1	Introduction.....	1
2	Front page (Overview).....	1
2.1	System overview (polls, messages, cdr).....	1
3	Polls	1
3.1	Poll (polls and votes).....	1
4	Leave a Message.....	2
4.1	Message Center (messages).....	2
4.2	Categories.....	2
4.3	Tags.....	2
4.4	Leave-a-message IVR (lm_menus).....	3
4.5	Incoming SMS (bin).....	3
5	IVR Center.....	3
5.1	Language Selectors (ivr_menus).....	3
5.2	Voice Menu (ivr_menus).....	4
5.3	Content (nodes).....	4
6	User Management.....	4
6.1	Users (users, phone_numbers).....	4
6.2	Phone books (phone_books).....	5
7	System Data.....	5
7.1	Call data records (cdr).....	5
7.2	Statistics (cdr).....	5
7.3	Monitoring of IVR (monitor_ivr).....	5
7.4	Reporting (cdr).....	6
8	Dashboard.....	6
8.1	Health (processes).....	6
8.2	Settings (settings).....	6
8.3	GSM Channels (office_route, channels).....	6
8.4	Logs (logs).....	6

1 Introduction

Freedom Fone 2.S will offer ABAC¹ authentication to manage the system. Two types of roles will be provided, Admin and User, where Admin will have the highest priority.

This document specifies the user rights of Admin and User for all Freedom Fone functionality.

2 Front page (Overview)

2.1 System overview (polls, messages, cdr)

For Polls and Messages, please see respective section below.

Action	Admin	User
Index (overview)	Allow	Allow

3 Polls

3.1 Poll (polls and votes)

Action	Admin	User
Index	Allow	Allow
Add	Allow	Disallow
Edit	Allow	Disallow
View	Allow	Allow
Delete	Allow	Disallow

1 ABAC: Attribute Based Authentication Control

4 Leave a Message

4.1 Message Center (messages)

Action	Admin	User
Index (index, disp)	Allow	Allow
Archive	Allow	Allow
Edit*	Allow	Allow
Delete	Allow	Disallow
Download	Allow	Disallow
Move to Archive	Allow	Disallow

The “Index” and “Edit” view of *Message Center* will differ for Admin and User in terms of sensitive information such as Caller ID (phone number). Only Admin will be allowed to see Caller ID.

4.2 Categories

Action	Admin	User
Index	Allow	Allow
Add	Allow	Disallow
Edit	Allow	Disallow
Delete	Allow	Disallow

4.3 Tags

Action	Admin	User
Index	Allow	Allow
Add	Allow	Disallow
Edit	Allow	Disallow
Delete	Allow	Disallow

4.4 Leave-a-message IVR (*lm_menus*)

Action	Admin	User
Index	Allow	Allow
Add	Allow	Disallow
Edit/upload	Allow	Disallow
Download	Allow	Disallow
Delete	Allow	Disallow

4.5 Incoming SMS (*bin*)

Action	Admin	User
Index*	Allow	Allow
Delete	Allow	Disallow
Export	Allow	Disallow

The “Index” view of *Incoming SMS* will differ for Admin and User in terms of sensitive information such as Caller ID (phone number). Only Admin will be allowed to see Caller ID.

5 IVR Center

5.1 Language Selectors (*ivr_menus*)

Action	Admin	User
Index (selectors)	Allow	Allow
Add	Allow	Disallow
Edit	Allow	Disallow
Delete	Allow	Disallow

5.2 Voice Menus (*ivr_menus*)

Action	Admin	User
Index	Allow	Allow
Add	Allow	Disallow
Edit	Allow	Disallow
Delete	Allow	Disallow

5.3 Content (*nodes*)

Action	Admin	User
Index	Allow	Allow
Add	Allow	Disallow
Edit	Allow	Disallow
Delete	Allow	Disallow

6 User Management

6.1 Users (*users, phone_numbers*)

Action	Admin	User
Index*	Allow	Allow
Edit	Allow	Disallow
View*	Allow	Allow
Merge	Allow	Disallow
Delete	Allow	Disallow
Add to phone book	Allow	Disallow
Delete from phone book	Allow	Disallow

The “Index” and “View” view of *Users* will differ for Admin and User in terms of sensitive information such as Caller ID (phone number), callers' names, email, Skype id and organization name. Only Admin will be allowed to see this sensitive information.

6.2 Phone books (*phone_books*)

Action	Admin	User
Index	Allow	Allow
Add	Allow	Disallow
Edit	Allow	Disallow
Delete	Allow	Disallow
Export	Allow	Disallow

7 System Data

7.1 Call data records (*cdr*)

Action	Admin	User
Index*	Allow	Allow
Export	Allow	Disallow
Delete	Allow	Disallow

The “Index” view of *Call Data Records* will differ for Admin and User in terms of sensitive information such as Caller ID (phone number). Only Admin will be allowed to see Caller ID.

7.2 Statistics (*cdr*)

Action	Admin	User
Index (statistics)	Allow	Allow

7.3 Monitoring of IVR (*monitor_ivr*)

Action	Admin	User
Index*	Allow	Allow
Export	Allow	Disallow
Delete	Allow	Disallow

The “Index” view of *Monitoring of Voice Menus* will differ for Admin and User, in terms of sensitive information such as Caller ID (phone number). Only Admin will be allowed to see Caller ID.

7.4 Reporting (cdr)

Action	Admin	User
Index* (general)	Allow	Allow
Export	Allow	Disallow

The “Index” view of *Reporting of Incoming Calls*, will differ for Admin and User in terms of sensitive information such as Caller ID (phone number). Only Admin will be allowed to see Caller ID.

8 Dashboard

8.1 Health (processes)

Action	Admin	User
Index	Allow	Allow
Stop	Allow	Disallow
Start	Allow	Disallow
System (About)	Allow	Allow

8.2 Settings (settings)

Action	Admin	User
Index	Allow	Allow
Edit	Allow	Disallow

8.3 GSM Channels (office_route, channels)

Action	Admin	User
Index	Allow	Allow
Edit	Allow	Disallow

8.4 Logs (logs)

Action	Admin	User
Index	Allow	Disallow

