



Florida Department of Children and Families

Substance Abuse and Mental Health

Financial and Services Accountability Management System (FASAMS)

Pamphlet 155-2 Appendix 3 FASAMS Web Services

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1 Introduction

1.1 Purpose

The purpose of this document is to give a high level overview of the security server and how to access the FASAMS Web Services.

There are two major concepts discussed:

- FASAMS Security Server – Basic description and example of requesting an access token.
- Accessing FASAMS Web Services – How to include the access token as a header when making requests to the portal web services

1.2 Scope

This document is intended for software engineers with a basic background and understanding of the following concepts:

- RESTful Web Services
- JSON
- OAuth2/OpenID Connect

1.3 References

The following table provides a list of reference web sites.

Document Name	Link/Location
FASAMS Security Server	https://fasams-sts-uat.myflfamilies.com/
FASAMS Portal Web Services	https://fasams-uat.myflfamilies.com/
RESTful Web Services	https://stackoverflow.com/questions/3636330/what-are-restful-web-services
OAuth	https://oauth.net/
OpenID	https://openid.net/

1.4 Terms and Acronyms

The following tables provide a list of business and technical acronyms/terms used in this document.

Acronym/Term	Definition
FASAMS	Financial and Services Accountability Management System
JSON	Javascript Object Notation - https://www.json.org/
JWT	JSON Web Token

2 FASAMS Security Server

2.1 Overview

<https://fasams-sts-uat.myflfamilies.com/Identity/connect/token>

Userinfo:

<https://fasams-sts-uat.myflfamilies.com/Identity/connect/userinfo>

End Session:

<https://fasams-sts-uat.myflfamilies.com/Identity/connect/endsession>

Check Session Iframe:

<https://fasams-sts-uat.myflfamilies.com/Identity/connect/checksession>

Revocation:

<https://fasams-sts-uat.myflfamilies.com/Identity/connect/revocation>

Scopes Supported:

- openid
- profile
- roles
- email
- phone
- IdentityServer:UserAccountServices

Claims Supported:

- sub
- remain_days
- http://schemas.xmlsoap.org/ws/2005/05/identity/claims/name
- preferred_username
- name
- family_name
- given_name
- middle_name
- nickname
- profile
- picture
- website
- gender
- birthdate
- zoneinfo
- locale
- updated_at
- role
- http://schemas.microsoft.com/ws/2008/06/identity/claims/role
- email
- email_verified
- phone_number
- phone_number_verified

9uYw1lIjoic3Vib25seSisInJlbwFpb19kYXlZiJoiNTgxLjI5ODIwNzA1MDk4IiwiaWlyIjpbInBhc3N3b3JkI119.jRYBASmmgepIGP
vilHoOyGsmQFEOLBfrCao19iwoA950v0fkxgzOyL7Xh7QnqwRexmNry5aNu064aQashWAJeG8n2HZYSxjY1tm46XTpOvzS9YPCQM1wrT5
yB_dzORyxNRwaA3gyu68aqdRDur992TpsTv8eBh9quq_C7wxw5p3H---mm1LACNp4bGvjemRGmKJqt3rcvAqvvl1ttwU-
EDnhmH9eS7Rljf1SreaqbskXq3Ma_3NzK8eHTS_py0d8i5Hx-
1uGu71kAXx5akLOYwtFRVASJHgvaVw414SiJ9FX10SvFPbCFMP09YAmUoJ368dhfFPbs_s0UY4H07691LDVvysxfBDLuQF9MIJzeyXHRC
64R1VchGspH0eHpN176XQHMGV6tsG-9jElTBmRKGXJ-
4MMHY3438UovKqH9029dA1wzOUAVQVZ595DeQyIsNpOTWgx_90Qb7DYQPJ73051b7gEWV7wu-wss-
oKiFIanc26x0Wl0geD6mqky8zwdSXQgauh-VhGSLayqUVoRFgYnoMFKJMB_GPBtemJJBXubiFxUCEk-
nrTz5EhjOkwIKr2f2tmKs5kv3vPkikVcEhBub1lXFGkHaTtyfYiwwdquV6rizle_4g1QOheGfwpMz5L3w1fuyGMW30zFd3embxAnga0WF
hPM7t-708vevE
Host: https://fasams-uat.myflfamilies.com
Connection: Keep-Alive

3.2 Portal Web Services

3.2.1 Job

(1) Get the submission job list

url: <https://fasams-uat.myflfamilies.com/api/SubmissionModule/Job/ListQuery>

Request type: POST

Header: x-auth-token

parameters:

- skip
- take
- sortDirection
- searchTerm

POST <https://fasams-uat.myflfamilies.com/api/SubmissionModule/Job/ListQuery> Params Send Save

Authorization Headers (2) **Body** Pre-request Script Tests Code

☐ form-data ☒ x-www-form-urlencoded ☐ raw ☐ binary

Key	Value	Description	...	Bulk Edit
☒ skip	0			
☒ take	1			
☒ sortDirection				
☒ searchTerm				
New key	Value	Description		

Body Cookies Headers (11) Test Results Status: 200 OK Time: 464 ms

Pretty Raw Preview JSON  

```

1 {
2   "$type": "Bird.Portalservice.Common.QueryResponse, Bird.Portalservice",
3   "items": [
4     {
5       "$type": "Bird.Portalservice.Domain.Infrastructure.SubmissionModule.Query.JobListModel, Bird.Portalservice.Domain.Infrastructure",
6       "key": "8b787a03-c8bb-487b-94cc-ab8800bb6697",
7       "errorCount": 0,
8       "name": "ProviderDataSet_Oz20200324",
9       "status": "Running",
10      "submittingEntityKey": "6113428a-1601-4181-bed7-a8f7008122e6",
11      "submittingEntityName": "DCF Test Submitter",
12      "userName": " ",
13      "successfulCount": 0,
14      "warningCount": 0,
15      "createdTimestamp": "2020-03-24T15:22:00Z",
16      "formattedCreatedTimeStamp": "03/24/2020",
17      "dataSetDisplayName": "Provider",
18      "dataSetTypeFullName": "FloridaDepartmentOfChildrenAndFamilies.Domain.ProviderModule.ProviderDataSet"
19    }
20  ],
21  "totalCount": 33147,
22  "hasError": false,
23  "messages": []
24 }

```

(2) Upload Files

url: <https://fasams-uat.myflfamilies.com/api/SubmissionModule/Job/UploadFiles/{submittingEntityKey}>

request type: POST

header: x-auth-token

parameters:

- file: <binary>
- submittingEntityKey

POST <https://fasams-uat.myflfamilies.com/api/SubmissionModule/Job/UploadFiles/64384c86-3575-42c2-bea9-a8f7000b60d8> Params Send Save

Authorization Headers (2) **Body** Pre-request Script Tests Code

☐ form-data ☒ x-www-form-urlencoded ☐ raw ☐ binary

Key	Value	Description	...	Bulk Edit
☒ file	<binary>			

(3) Job Workspace

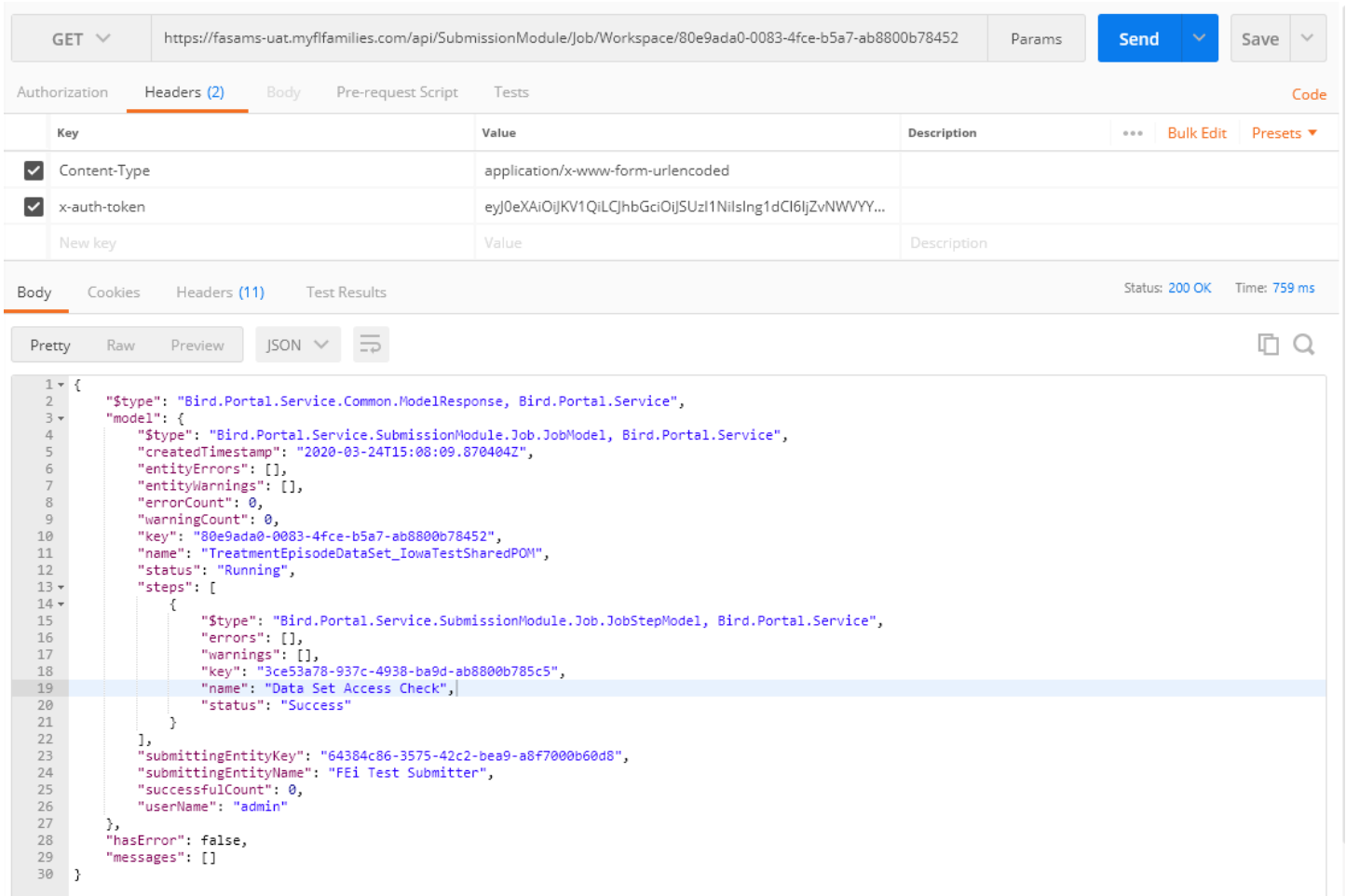
url: <https://fasams-uat.myflfamilies.com/api/SubmissionModule/Job/Workspace/{key}>

request type: GET

header: x-auth-token

parameters:

- Key



GET <https://fasams-uat.myflfamilies.com/api/SubmissionModule/Job/Workspace/80e9ada0-0083-4fce-b5a7-ab8800b78452> Params Send Save

Authorization Headers (2) Body Pre-request Script Tests Code

Key	Value	Description	...	Bulk Edit	Presets
☒ Content-Type	application/x-www-form-urlencoded				
☒ x-auth-token	eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsIng1dCI6IjZvNWVYY...				
New key	Value	Description			

Body Cookies Headers (11) Test Results Status: 200 OK Time: 759 ms

Pretty Raw Preview JSON

```

1 {
2   "$type": "Bird.Portal.Service.Common.ModelResponse, Bird.Portal.Service",
3   "model": {
4     "$type": "Bird.Portal.Service.SubmissionModule.Job.JobModel, Bird.Portal.Service",
5     "createdTimestamp": "2020-03-24T15:08:09.870404Z",
6     "entityErrors": [],
7     "entityWarnings": [],
8     "errorCount": 0,
9     "warningCount": 0,
10    "key": "80e9ada0-0083-4fce-b5a7-ab8800b78452",
11    "name": "TreatmentEpisodeDataSet_IowaTestSharedPQM",
12    "status": "Running",
13    "steps": [
14      {
15        "$type": "Bird.Portal.Service.SubmissionModule.Job.JobStepModel, Bird.Portal.Service",
16        "errors": [],
17        "warnings": [],
18        "key": "3ce53a78-937c-4938-ba9d-ab8800b785c5",
19        "name": "Data Set Access Check",
20        "status": "Success"
21      }
22    ],
23    "submittingEntityKey": "64384c86-3575-42c2-bea9-a8f7000b60d8",
24    "submittingEntityName": "FEI Test Submitter",
25    "successfulCount": 0,
26    "userName": "admin"
27  },
28   "hasError": false,
29   "messages": []
30 }

```

(4) Export job records To Excel file

url: <https://fasams-uat.myflfamilies.com/api/SubmissionModule/Job/ExportToExcel/{key}>

request type: GET

header: x-auth-token

parameters:

- Key

GET
https://fasams-uat.myflfamilies.com/api/SubmissionModule/Job/ExportToExcel/8b787a03-c8bb-487b-94cc-ab8800bb6...
Params
Send
Save

Authorization
Headers (2)
Body
Pre-request Script
Tests
Code

Key	Value	Description	...	Bulk Edit	Presets
☒ Content-Type	application/x-www-form-urlencoded				
☒ x-auth-token	eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsIng1dCI6IjZvNWVYY...				
New key	Value	Description			

Body
Cookies
Headers (12)
Test Results
Status: 200 OK
Time: 3122 ms

(5) Export job records To PDF file

url: https://fasams-uat.myflfamilies.com/api/SubmissionModule/Job/ExportToPDF/{key}

request type: GET

header: x-auth-token

parameters:

- Key

GET
https://fasams-uat.myflfamilies.com/api/SubmissionModule/Job/ExportToPDF/8b787a03-c8bb-487b-94cc-ab8800bb6697
Params
Send
Save

Authorization
Headers (2)
Body
Pre-request Script
Tests
Code

Key	Value	Description	...	Bulk Edit	Presets
☒ Content-Type	application/x-www-form-urlencoded				
☒ x-auth-token	eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsIng1dCI6IjZvNWVYY...				
New key	Value	Description			

3.2.2 User

(1) Get all submitting entities

url: https://fasams-uat.myflfamilies.com/api/CustomerModule/User/CurrentUserSubmittingEntities

request type: GET

header: x-auth-token

parameters: none

GET
https://fasams-uat.myflfamilies.com/api/CustomerModule/User/CurrentUserSubmittingEntities
Params
Send
Save

Authorization
Headers (2)
Body
Pre-request Script
Tests
Code

Key	Value	Description
Content-Type	application/x-www-form-urlencoded	
x-auth-token	eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiIsIng1dCI6IjZvNWVYYzZBcmVPWFZqdE...	
New key	Value	Description

Body
Cookies
Headers (11)
Test Results
Status: 200 OK Time: 943 ms

Pretty
Raw
Preview
JSON

```

1 {
2   "$type": "Bird.Portal.Service.Common.ViewModelResponse`1[[System.Collections.Generic.IEnumerable`1[[Bird.Portal.Service.Common.LookupModel, Bird.Portal.Service]], mscorlib]], Bird.Portal.Service",
3   "model": [
4     {
5       "$type": "Bird.Portal.Service.Common.LookupModel, Bird.Portal.Service",
6       "description": "FEI Test Submitter",
7       "key": "64384c86-3575-42c2-bea9-a8f700b6d8"
8     },
9     {
10      "$type": "Bird.Portal.Service.Common.LookupModel, Bird.Portal.Service",
11      "description": "DCF Test Submitter",
12      "key": "6113428a-1601-4181-bed7-a8f7008122e6"
13    }
14  ],
15  "hasError": false,
16  "messages": []
17 }

```