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## 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	<a href="https://fasams-sts-uat.myflfamilies.com/">https://fasams-sts-uat.myflfamilies.com/</a>
FASAMS Portal Web Services	<a href="https://fasams-uat.myflfamilies.com/">https://fasams-uat.myflfamilies.com/</a>
RESTful Web Services	<a href="https://stackoverflow.com/questions/3636330/what-are-restful-web-services">https://stackoverflow.com/questions/3636330/what-are-restful-web-services</a>
OAuth	<a href="https://oauth.net/">https://oauth.net/</a>
OpenID	<a href="https://openid.net/">https://openid.net/</a>

### 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 - <a href="https://www.json.org/">https://www.json.org/</a>
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



9uYw1lIjoic3Vib25seSisInJlBwFpb19kYXlZiJoiNTgxLjI5ODIwNzA1MDk4IiwiaW1yIjpbInBhc3N3b3JkI119. jRYBASmMgepIGP  
vilHooyGsmQFEOLBfrCao19iwoA950v0fkXgzOyL7Xh7QnqwRexmNry5aNu064aQashWAJeG8n2HZYSxjY1tm46XTpOvzS9YPCQM1wrT5  
yB\_dzORyxNRwaA3gyu68aqdRDur992TpsTv8eBh9quq\_C7Wxw5p3H---mm1LACNp4bGvjemRGmKJqt3rcvAqvvl1ttwU-  
EDnhmH9eS7RlJf1SreaqbskXq3Ma\_3NzK8eHTS\_py0d8i5Hx-  
TuGu71kAXx5akLOYwtFRVASJHgvaVw414SiJ9Fx10SvFPbCfMP09YAmUoJ368dhFFPbs\_s0UY4H07691LDVvysxfBDLuqF9MIJzeyXHRC  
64R1VchGspH0EhpN176XQHMGV6tsG-9jE1tBmRKGXJ-  
4MMHY3438UovKqH9029dA1wzOUAVQVZ595DeQyIsNpOTWgx\_90Qb7DYQPJ73051b7gEwV7wu-wss-  
oKiFIanc26x0w10geD6mqky8zWdsXQgauh-VhGSLayqUVoRFgYnoMFKJMB\_GPBtemJJBXubiFxUCEk-  
nrTz5EhjOkwIKr2f2tmKs5kv3vPkikVcEhBubi1XFGkHaTtyfyiwwdquV6rizle\_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
<input checked="" type="checkbox"/> skip	0			
<input checked="" type="checkbox"/> take	1			
<input checked="" type="checkbox"/> sortDirection				
<input checked="" type="checkbox"/> searchTerm				
New key	Value	Description		

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

Pretty Raw Preview JSON

```

1 {
2   "$type": "Bird.Portal.Service.Common.QueryResponse, Bird.Portal.Service",
3   "items": [
4     {
5       "$type": "Bird.Portal.Domain.Infrastructure.SubmissionModule.Query.JobListModel, Bird.Portal.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
<input checked="" type="checkbox"/> file	<binary>			



### (3) Job Workspace

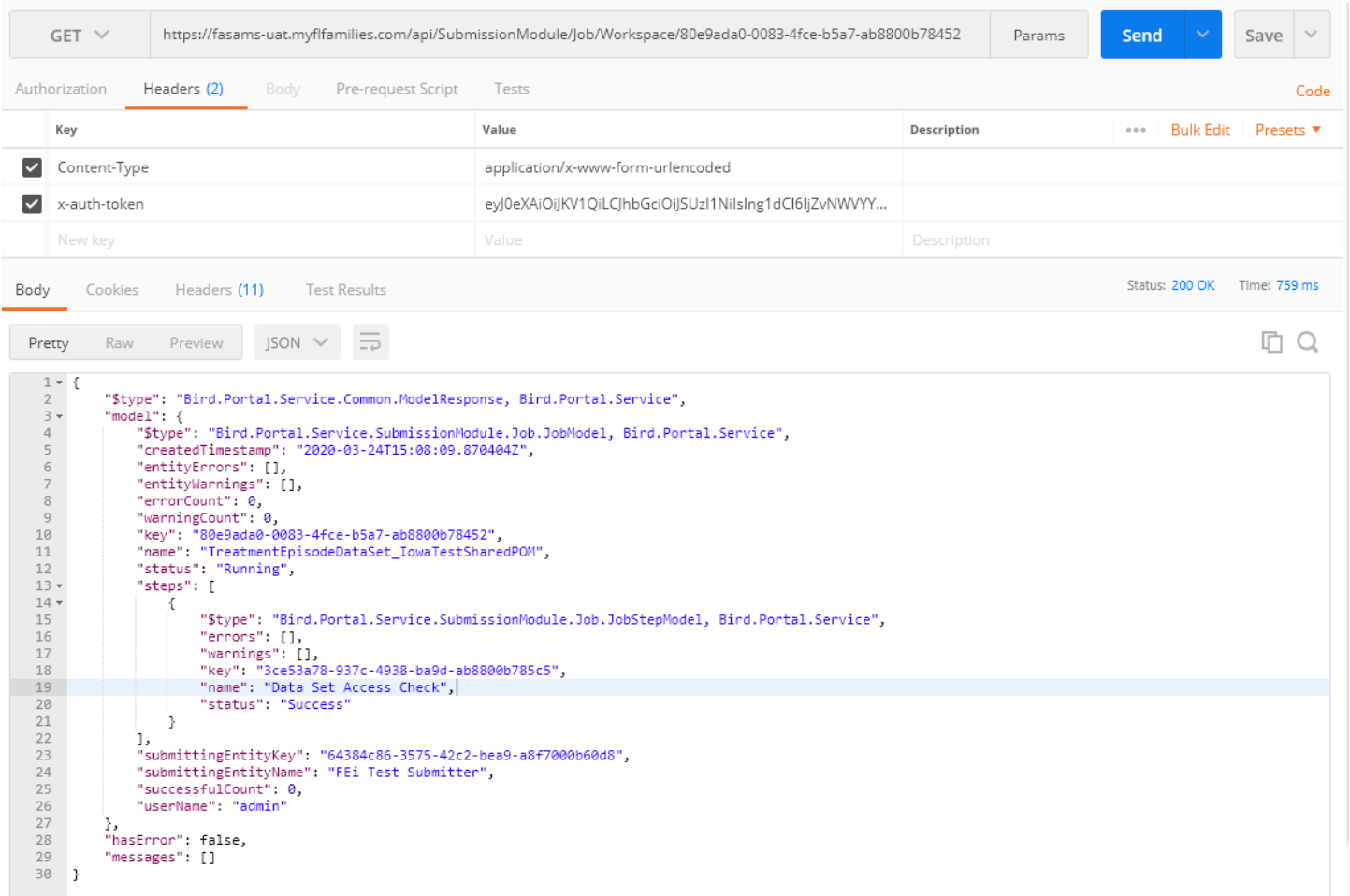
url: <https://fasams-uat.myflfamilies.com/api/SubmissionModule/Job/Workspace/{key}>

request type: GET

header: x-auth-token

parameters:

- Key



The screenshot shows a REST client interface with the following details:

- Method:** GET
- URL:** <https://fasams-uat.myflfamilies.com/api/SubmissionModule/Job/Workspace/80e9ada0-0083-4fce-b5a7-ab8800b78452>
- Headers:** Content-Type: application/x-www-form-urlencoded, x-auth-token: eyJ0eXAiOiJV1QILCjhbGciOiJSUz11NiIsIng1dCI6IjZvNWVYY...
- Status:** 200 OK, Time: 759 ms
- Response Body (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_IowaTestSharedPOM",
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
<input checked="" type="checkbox"/> Content-Type	application/x-www-form-urlencoded				
<input checked="" type="checkbox"/> 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
<input checked="" type="checkbox"/> Content-Type	application/x-www-form-urlencoded				
<input checked="" type="checkbox"/> 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 <http://fscsm-swt.myflfamilies.com/api/CustomerModule/User/CurrentUse-SubmittingEntries> Params **Send** Save

Authorization Headers **Headers** Pre-request Script Tests Code

Key	Value	Description
<input checked="" type="checkbox"/> Content-Type	application/x-www-form-urlencoded	
<input checked="" type="checkbox"/> x-auth-token	eyJ0eXA0djNlQlQjheGc0QSU0fHh1bngldCBzZmVWYVYyZBcmVpWFZpdE...	

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-   "models": [
4-     {
5-       "type": "Bird.Portal.Service.Common.LookupModel, Bird.Portal.Service",
6-       "description": "PEI Test Submitter",
7-       "key": "64584c86-3575-43c2-bca9-adf7080b080b"
8-     },
9-     {
10-      "type": "Bird.Portal.Service.Common.LookupModel, Bird.Portal.Service",
11-      "description": "DCP Test Submitter",
12-      "key": "0113428e-1691-4181-bef7-adf7960222e0"
13-    }
14-  ],
15-   "hasError": false,
16-   "messages": []
17- }

```