

# FileMaker Admin API

## FileMaker Admin API Reference

### Authentication

#### Authentication - Login

Log in to FileMaker Server Admin Console with administrator credentials

POST

/fmi/admin/api/v1/user/login

##### Header

Field	Type	Description
Content-Type	String	Only accepts "application/json".

- Header-Example: [#header-examples-Authentication-Login-1\_0\_0-0]

```
{
  "Content-Type": "application/json"
}
```

##### Parameter

Field	Type	Description
username	String	FileMaker user name.
password	String	FileMaker user password.

- Request-Example: [#parameter-examples-Authentication-Login-1\_0\_0-0]

```
{
  "username": "admin",
  "password": "Admin123"
}
```

##### Success 200

Field	Type	Description
result	Number	0
token	String	JWT access token for subsequent API calls.

- Success-Response: [#success-examples-Authentication-Login-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0,
  "token": "eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws"
}
```

# Authentication - Logout

Log out from FileMaker Admin Console and FileMaker Server

POST

/fmi/admin/api/v1/user/logout

## Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
Content-Lengthoptional	Number	"Content-Length: 0" is required if the request has no parameters.
Content-Type	String	Only accepts "application/json".

- Header-Example: [#header-examples-Authentication-Logout-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws",
  "Content-Length": 0,
  "Content-Type": "application/json"
}
```

## Success 200

Field	Type	Description
result	Number	0

- Success-Response: [#success-examples-Authentication-Logout-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0
}
```

# Clients

## Clients - Disconnect Client

## Disconnect Client

# PUT

/fmi/admin/api/v1/clients/:client-id/disconnect

## Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
Content-Length	optional Number	"Content-Length: 0" is required if the request has no parameters.
Content-Type	String	Only accepts "application/json".

- Header-Example: [#header-examples-Clients-Disconnect\_Client-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiwiaXN0eXAiOiJKV1QiLCJkaXI6ImFkbWluIiwiaWF0IjE5ODQyMjYwMDA",
  "Content-Length": 0,
  "Content-Type": "application/json"
}
```

## Parameter

Field	Type	Description
message	String	The text message to send to the client being disconnected. Size range: 0–200
gracetime	Number	The number of seconds to wait before disconnecting the client. Default value: 90 Size range: 0–3600

- Request-Example: [#parameter-examples-Clients-Disconnect\_Client-1\_0\_0-0]

```
{
  "gracetime": 120,
  "message": "Closing for maintenance"
}
```

## Success 200

Field	Type	Description
result	Number	0

- Success-Response: [#success-examples-Clients-Disconnect\_Client-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0
}
```

## Clients - Send Message to Client

Send Message to Client

POST

/fmi/admin/api/v1/clients/:client-id/message

### Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
Content-Lengthoptional	Number	"Content-Length: 0" is required if the request has no parameters.
Content-Type	String	Only accepts "application/json".

- Header-Example: [#header-examples-Clients-Send\_Message\_to\_Client-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws",
  "Content-Length": 0,
  "Content-Type": "application/json"
}
```

### Parameter

Field	Type	Description
messageoptional	String	The text message to send to the specified client.  Size range: 0–200

- Request-Example: [#parameter-examples-Clients-Send\_Message\_to\_Client-1\_0\_0-0]

```
{
  "message": "Closing for maintenance"
}
```

### Success 200

Field	Type	Description
result	Number	0

- Success-Response: [#success-examples-Clients-Send\_Message\_to\_Client-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0
}
```

# Database Server

## Database Server - Get Server General Configuration

Get Server General Configuration

GET

/fmi/admin/api/v1/server/config/general

### Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.

- Header-Example: [#header-examples-DatabaseServer-Get\_Server\_General\_Configuration-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws"
}
```

### Success 200

Field	Type	Description
result	Number	0
cacheSize	Number	RAM reserved for database cache (MB).
maxFiles	Number	Maximum number of files to host.
maxProConnections	Number	Maximum number of FileMaker Pro Advanced client connections.
maxPSOS	Number	Maximum simultaneous script sessions.

- Success-Response: [#success-examples-DatabaseServer-Get\_Server\_General\_Configuration-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0,
  "cacheSize": 100,
  "maxFiles": 100,
```

```
"maxProConnections": 100,
"maxPSOS": 100
}
```

## Database Server - Get Server Security Configuration

Get Server Security Configuration

GET

/fmi/admin/api/v1/server/config/security

### Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.

- Header-Example: [#header-examples-DatabaseServer-Get\_Server\_Security\_Configuration-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws"
}
```

### Success 200

Field	Type	Description
result	Number	0
requireSecureDB	Boolean	Host password-protected databases only.

- Success-Response: [#success-examples-DatabaseServer-Get\_Server\_Security\_Configuration-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0,
  "requireSecureDB": true
}
```

## Database Server - Get Server Status

Get Server Status

GET

/fmi/admin/api/v1/server/status

### Header

Field	Type	Description
Authorization	String	

		The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
--	--	---

- Header-Example: [#header-examples-DatabaseServer-Get\_Server\_Status-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws"
}
```

Success 200

Field	Type	Description
result	Number	0
running	Boolean	Indicates whether FileMaker Server is running.

- Success-Response: [#success-examples-DatabaseServer-Get\_Server\_Status-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0,
  "running": true
}
```

## Database Server - Set Server Status

Set Server Status

PUT

```
/fmi/admin/api/v1/server/status
```

Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
Content-Type	String	Only accepts "application/json".

- Header-Example: [#header-examples-DatabaseServer-Set\_Server\_Status-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws",
  "Content-Type": "application/json"
}
```

Parameter

Field	Type	Description
running	Boolean	Specifies whether to start or stop FileMaker Server.

- Request-Example: [#parameter-examples-DatabaseServer-Set\_Server\_Status-1\_0\_0-0]

```
{  "running": false}
```

Success 200

Field	Type	Description
result	Number	0

- Success-Response: [#success-examples-DatabaseServer-Set\_Server\_Status-1\_0\_0-0]

```
HTTP/1.1 200 OK
{  "result": 0}
```

## Database Server - Update Server General Configuration

Update Server General Configuration

Each parameter is optional, but at least one parameter is required.

PATCH

/fmi/admin/api/v1/server/config/general

### Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
Content-Type	String	Only accepts "application/json".

- Header-Example: [#header-examples-DatabaseServer-Update\_Server\_General\_Configuration-1\_0\_0-0]

```
{  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiwudXNlbnRpdj1KD2ZuM4Ws",  "Content-Type": "application/json"}
```

### Parameter

Field	Type	Description
cacheSize <span>optional</span>	Number	RAM reserved for database cache (MB). Must be an integer of at least 64 MB. The maximum setting is not enforced by this service. Reserving more RAM than the system can manage will adversely affect performance.
maxFiles <span>optional</span>	Number	Maximum number of files to host. Must be an integer.



			Size range: 1–125
maxProConnections	optional	Number	Maximum number of FileMaker Pro Advanced client connections. Must be an integer.  Size range: 0–1000
maxPSOS	optional	Number	Maximum simultaneous script sessions. Must be an integer.  Size range: 0–500

- Request-Example: [#parameter-examples-DatabaseServer-Update\_Server\_General\_Configuration-1\_0\_0-0]

```
{
  "cacheSize": 100,
  "maxFiles": 100,
  "maxProConnections": 100,
  "maxPSOS": 100
}
```

Success 200

Field	Type	Description
result	Number	0

- Success-Response: [#success-examples-DatabaseServer-Update\_Server\_General\_Configuration-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0
}
```

# Database Server - Update Server Security Configuration

Update Server Security Configuration

PATCH

```
/fmi/admin/api/v1/server/config/security
```

Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
Content-Type	String	Only accepts "application/json".

- Header-Example: [#header-examples-DatabaseServer-Update\_Server\_Security\_Configuration-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws",
  "Content-Type": "application/json"
}
```

Parameter

Field	Type	Description
requireSecureDB	Boolean	Host password-protected databases only.

- Request-Example: [#parameter-examples-DatabaseServer-Update\_Server\_Security\_Configuration-1\_0\_0-0]

```
{
  "requireSecureDB": false
}
```

Success 200

Field	Type	Description
result	Number	0

- Success-Response: [#success-examples-DatabaseServer-Update\_Server\_Security\_Configuration-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0
}
```

Databases

Databases - Close Database

Close Database

PUT

```
/fmi/admin/api/v1/databases/:db-id/close
```

Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
Content-Length <span>optional</span>	Number	"Content-Length: 0" is required if the request has no parameters.
Content-Type	String	Only accepts "application/json".

- Header-Example: [#header-examples-Databases-Close\_Database-1\_0\_0-0]

```
{
```

```
"Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws",
"Content-Length": 0,
"Content-Type": "application/json"
}
```

Parameter

Field	Type	Description
message <span>optional</span>	String	<div>The text message to send to the clients being disconnected.</div> <div>Size range: 0–200</div>

- Request-Example: [#parameter-examples-Databases-Close\_Database-1\_0\_0-0]

```
{
  "message": "Closing for maintenance"
}
```

Success 200

Field	Type	Description
result	Number	0

- Success-Response: [#success-examples-Databases-Close\_Database-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0
}
```

# Databases - List Databases

List All Databases

GET

/fmi/admin/api/v1/databases

Header

Field	Type	Description
Authorization	String	<div>The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer &lt;JWT access token&gt;.</div>

- Header-Example: [#header-examples-Databases-List\_Databases-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws"
}
```

Success 200

Field	Type	Description

result	Number	0
files	Array	An array of database JSON objects with detailed information.
clients	Array	An array of client JSON objects with detailed information.
totalDBCount	Number	Number of hosted databases.
openDBCount	Number	Number of open databases.
fmproCount	Number	Number of FileMaker Pro Advanced clients.
fmgoCount	Number	Number of FileMaker Go clients.
fmwebdCount	Number	Number of FileMaker WebDirect clients.
fmdapiCount	Number	Number of FileMaker Data API clients.
fmmiscCount	Number	Number of non-FileMaker Licensing for Teams clients.
time	String	Server time when the request is processed. The value is UTC time in ISO-8601 format: YYYY-MM-DDTHH:mm:ss.sssZ.

- Success-Response: [#success-examples-Databases-List\_Databases-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0,
  "files": {
    "result": 0,
    "files": [
      {
        "clients": 1,
        "decryptHint": "",
        "enabledExtPrivileges": [
          "fmapp",
          "fmwebdirect"
        ],
        "filename": "FMServer_Sample.fmp12",
        "folder": "filemac:/Macintosh HD/Library/FileMaker Server/Data/Databases/Sample/",
        "hasSavedDecryptKey": false,
        "id": "1",
        "isEncrypted": false,
        "size": 909312,
        "status": "NORMAL"
      }
    ]
  },
  "clients": {
    "result": 0,
    "clients": [
      {
        "appLanguage": "",
        "appType": "FMWEBDIRECT",
```

```
{
  "appVersion": "Mac Chrome 63.0",
  "computerName": "127.0.0.1",
  "concurrent": true,
  "connectDuration": "00:00:03",
  "connectTime": "2017-09-06T01:18:21.000Z",
  "extpriv": "fmwebdirect",
  "guestFiles": [
    {
      "accountName": "[Guest]",
      "filename": "FMServer_Sample.fmp12",
      "id": "1",
      "privsetName": "[Read-Only Access]"
    }
  ],
  "id": "7",
  "ipaddress": "127.0.0.1",
  "macaddress": "",
  "operatingSystem": "OSX",
  "status": "NORMAL",
  "teamLicensed": true,
  "userName": "[WebDirect-51535]"
}

],
},
"totalDBCount": 1,
"openDBCount": 1,
"fmproCount": 0,
"fmgoCount": 0,
"fmwebdCount": 1,
"fmdapiCount": 0,
"fmmiscCount": 0,
"time": "2017-09-06T01:18:24.646Z"
}
```

## Databases - Open Database

Open Database

PUT

/fmi/admin/api/v1/databases/:db-id/open

### Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
Content-Length <span>optional</span>	Number	"Content-Length: 0" is required if the request has no parameters.
Content-Type	String	Only accepts "application/json".

- Header-Example: [#header-examples-Databases-Open\_Database-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiwudXN0lg1KD2ZuM4Ws",
  "Content-Length": 0,
  "Content-Type": "application/json"
}
```

Parameter

Field	Type	Description
keyoptional	String	The encryption password for the database to open.

- Request-Example: [#parameter-examples-Databases-Open\_Database-1\_0\_0-0]

```
{
  "key": "passKeyForTheFile!@#123"
}
```

Success 200

Field	Type	Description
result	Number	0

- Success-Response: [#success-examples-Databases-Open\_Database-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0
}
```

Databases - Pause Database

Pause Database

PUT

```
/fmi/admin/api/v1/databases/:db-id/pause
```

Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
Content-Lengthoptional	Number	"Content-Length: 0" is required if the request has no parameters.
Content-Type	String	Only accepts "application/json".

- Header-Example: [#header-examples-Databases-Pause\_Database-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws",
  "Content-Length": 0,
  "Content-Type": "application/json"
}
```

Success 200

--	--	--

Field	Type	Description
result	Number	0

- Success-Response: [#success-examples-Databases-Pause\_Database-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0
}
```

## Databases - Resume Database

Resume Database

PUT

```
/fmi/admin/api/v1/databases/:db-id/resume
```

### Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
Content-Length <span>optional</span>	Number	"Content-Length: 0" is required if the request has no parameters.
Content-Type	String	Only accepts "application/json".

- Header-Example: [#header-examples-Databases-Resume\_Database-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws",
  "Content-Length": 0,
  "Content-Type": "application/json"
}
```

### Success 200

Field	Type	Description
result	Number	0

- Success-Response: [#success-examples-Databases-Resume\_Database-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0
}
```

# PHP Technology

## PHP Technology - Configure PHP Technology

Configure PHP Technology

Each parameter is optional, but at least one parameter is required.

PATCH

/fmi/admin/api/v1/php/config

### Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
Content-Type	String	Only accepts "application/json".

- Header-Example: [#header-examples-PhpTechnology-Configure\_PHP\_Technology-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws",
  "Content-Type": "application/json"
}
```

### Parameter

Field	Type	Description
enabledoptional	Boolean	Enables or disables Custom Web Publishing with PHP.
useFileMakerPhpoptional	Boolean	Uses the FileMaker Server-supported version of PHP.
characterEncodingoptional	String	Sets the default character encoding for PHP.  Allowed values: "UTF-8", "ISO-8859-1"
dataPreValidationoptional	Boolean	Enables validation of record data on the web server before sending it to the database for commit.
errorMessageLanguageoptional	String	Sets the language used for error messages in PHP.  Allowed values: "en", "it", "de", "fr", "ja", "sv"

- Request-Example: [#parameter-examples-PhpTechnology-Configure\_PHP\_Technology-1\_0\_0-0]

```
{
  "enabled": true,
  "useFileMakerPhp": true,
  "characterEncoding": "UTF-8",
```



```
    "dataPreValidation": false,
    "errorMessageLanguage": "en"
}
```

Success 200

Field	Type	Description
result	Number	0

- Success-Response: [#success-examples-PhpTechnology-Configure\_PHP\_Technology-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0
}
```

# PHP Technology - Get PHP Technology Configuration

Get PHP Technology Configuration

GET

/fmi/admin/api/v1/php/config

Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.

- Header-Example: [#header-examples-PhpTechnology-Get\_PHP\_Technology\_Configuration-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws"
}
```

Success 200

Field	Type	Description
result	Number	0
characterEncoding	String	Default character encoding for PHP.
dataPreValidation	Boolean	Validation of record data on the web server before sending it to the database for commit.
enabled	Boolean	Indicates whether Custom Web Publishing with PHP is enabled.
errorMessageLanguage	String	Language used for error messages in PHP.

useFileMakerPhp

Boolean

Specifies whether the FileMaker Server-supported version of PHP is used.

• Success-Response: [#success-examples-PhpTechnology-Get\_PHP\_Technology\_Configuration-1\_0\_0-0]

HTTP/1.1 200 OK

{  
 "result": 0,  
 "characterEncoding": "UTF-8",  
 "dataPreValidation": false,  
 "enabled": true,  
 "errorMessageLanguage": "en",  
 "useFileMakerPhp": true  
}

# Schedules

## Schedules - Create Backup Schedule

Create a Backup schedule

POST

/fmi/admin/api/v1/schedules

Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
Content-Type	String	Only accepts "application/json".

- Header-Example: [#header-examples-Schedules-Create\_1-1\_0\_0-0]

{  
 "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiwudXN0lg1KD2ZuM4Ws",  
 "Content-Type": "application/json"  
}

Parameter

Field	Type	Description
taskType	Number	Type of backup schedule (taskType = 1).
name	String	Schedule name (1-31 characters).
freqType	Number	Schedule run frequency type (1 = Once Only, 2 = Daily or Every n Days, 3 = Weekly).

startDate		String	Schedule start date/time (in "Year-Month-Day-Hour-Minute-Second" 24-hour format).
target		Number	Database type (2 - all databases, 3 - some databases under a subfolder, 4 - single database).
backupTarget		String	Backup folder path.
maxBackups	optional	Number	Maximum number of backups to keep. Must be an integer from 0 to 99. The default is 1.
fromTarget	optional	String	FileMaker database folder path (target = 3) or FileMaker database name (target = 4). Required if target = 3 or 4.
clone	optional	Boolean	Whether to clone the backup file. The default is false.
verify	optional	Boolean	Whether to verify backup integrity. The default is false.
repeatTask	optional	Boolean	Whether to repeat the task within a day.
repeatInterval	optional	Number	Time unit for task repeat frequency (1 for minute, 2 for hour). Required if "repeatTask" is true.
repeatFrequency	optional	Number	Time interval to repeat the task. Required if "repeatTask" is true. Must be an integer from 1 to 60 when repeatInterval = 1 or from 1 to 24 when repeatInterval=2.
daysOfTheWeek	optional	String	Enabled only when freqType = 3. A 7-digit binary string. Each digit's 1 or 0 represents on or off for the corresponding day of the week that the schedule will run. (The value can be from 0000000 to 1111111, but cannot be 0000000 for freqType = 3.) The leftmost binary digit represents Sunday and the final digit represents Saturday. For example, 1001011 indicates the schedule will run Sunday, Wednesday, Friday and Saturday.
dailyDays	optional	Number	Enabled only when freqType = 2. Every how many days the schedule repeats, from 1 to 999. For example, 3 represents every 3 days. The default is 1.
enableEndDate	optional	Boolean	Whether to specify an end date/time for the schedule.
endDate	optional	String	Schedule end date/time (in "Year-Month-Day-Hour-Minute-Second" 24-hour format). Required if "enableEndDate" or "repeatTask" is true.
sendEmail	optional	Boolean	Whether to send email. Note: SMTP configuration is required for sending email.
emailAddresses	optional	String	Email addresses separated by comma. Required if "sendEmail" is true.
enabled	optional	Boolean	Whether schedule is enabled at create or edit. The default is false.

- Request-Example: [#parameter-examples-Schedules-Create\_1-1\_0\_0-0]

```
{
  "taskType": 1,
  "name": "Daily",
  "freqType": 2,
  "startDate": "2017-10-11-23-30-00",
  "enabled": true,
  "target": 2,
  "backupTarget": "filemac:/Macintosh HD/Library/FileMaker Server/Data/Backups/",
  "maxBackups": 5
}
```

Success 200

Field	Type	Description
result	Number	0
schedules	Array	JSON array contains a JSON object of the newly created schedule. The JSON object, besides containing fields and values from the input, also contains additional fields "status", "lastRun", "lastError" and "nextRun". "status" indicates the current state of the schedule. Its value can be 1 (schedule is idle) or 2 (schedule is running). "lastRun" provides the time of last schedule run. "lastError" provides error code for the last run. "0" means successful. "nextRun" provides the time of next scheduled run.

- Success-Response: [#success-examples-Schedules-Create\_1-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0,
  "schedules": [{
    "backupType": {
      "backupTarget" : "filemac:/Macintosh HD/Library/FileMaker Server/Data/Backups/",
      "clone" : "false",
      "fromTarget" : "All Databases",
      "maxBackups" : 5,
      "verify" : "false"
    }
    "dailyDays" : 1,
    "daysOfTheWeek" : 00000000,
    "daysOfTheWeekDetails" : "",
    "emailAddresses" : "",
    "enabled" : "true",
    "freqType" : 2,
    "id": "4",
    "lastError": 0,
    "lastRun" : "0000-00-00 00:480:00 GMT",
    "name" : "Daily",
    "nextRun" : "2017-10-12 23:30:00 GMT",
    "repeatFrequency" : 10,
    "repeatInterval" : 1,
    "repeatTask" : "false",
    "sendEmail" : "false",
    "startDate" : "2017-10-11 23:30:00",
    "status" : 1,
    "taskType" : "BACKUP"
  }]
}
```

Schedules - Create FileMaker Script Schedule

POST

/fmi/admin/api/v1/schedules

Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
Content-Type	String	Only accepts "application/json".

- Header-Example: [#header-examples-Schedules-Create\_5-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws",
  "Content-Type": "application/json"
}
```

Parameter

Field	Type	Description
taskType	Number	Type of FileMaker Script schedule (taskType = 5).
name	String	Schedule name (1-31 characters).
freqType	Number	Schedule run frequency type (1 = Once Only, 2 = Daily or Every n Days, 3 = Weekly).
startDate	String	Schedule start date/time (in "Year-Month-Day-Hour-Minute-Second" 24-hour format).
fromTarget	String	FileMaker database name.
fmScriptName	String	FileMaker database script name.
fmScriptParamoptional	String	FileMaker database script parameter.
fmScriptAccountoptional	String	FileMaker database script account name.
fmScriptPasswordoptional	String	FileMaker database script password.
timeoutoptional	Number	Time limit for script schedule (unit is minutes, "0" means no time limit). Must be an integer from 0 to 1439. The default is 2 minutes.
autoAbortoptional	Boolean	Whether to stop the schedule if the time limit is reached or FileMaker Server stops. The default is false.

repeatTask	optional	Boolean	Whether to repeat the task within a day.
repeatInterval	optional	Number	Time unit for task repeat frequency (1 for minute, 2 for hour). Required if "repeatTask" is true.
repeatFrequency	optional	Number	Time interval to repeat the task. Required if "repeatTask" is true. Must be an integer from 1 to 60 when repeatInterval = 1 or from 1 to 24 when repeatInterval = 2.
daysOfTheWeek	optional	String	Enabled only when freqType = 3. A 7-digit binary string. Each digit's 1 or 0 represents on or off for the corresponding day of the week that the schedule will run. (The value can be from 0000000 to 1111111, but cannot be 0000000 for freqType = 3.) The leftmost binary digit represents Sunday and the final digit represents Saturday. For example, 1001011 indicates the schedule will run Sunday, Wednesday, Friday and Saturday.
dailyDays	optional	Number	Enabled only when freqType = 2. Every how many days the schedule repeats, from 1 to 999. For example, 3 represents every 3 days. The default is 1.
enableEndDate	optional	Boolean	Whether to specify an end date/time for the schedule.
endDate	optional	String	Schedule end date/time (in "Year-Month-Day-Hour-Minute-Second" format). Required if "enableEndDate" or "repeatTask" is true.
sendEmail	optional	Boolean	Whether to send email. Note: SMTP configuration is required for sending email.
emailAddresses	optional	String	Email addresses separated by comma. Required if "sendEmail" is true.
enabled	optional	Boolean	Whether schedule is enabled at create/edit. The default is false.

- Request-Example: [#parameter-examples-Schedules-Create\_5-1\_0\_0-0]

```
{
  "taskType": 5,
  "name": "FM Script Schedule",
  "freqType": 2,
  "startDate": "2017-10-12-09-15-00",
  "repeatTask": true,
  "repeatFrequency": 45,
  "repeatInterval": 1,
  "enableEndDate": true,
  "endDate": "2017-10-31-09-15-00",
  "fromTarget": "file:PlugIn.fmp12",
  "fmScriptAccount": "jane",
  "fmScriptPassword": "My$ecret",
  "fmScriptName": "UsePlugin",
  "fmScriptParam": "blah",
  "timeout": 2
}
```

Success 200

Field	Type	Description
-------	------	-------------

result	Number	0
schedules	Array	JSON array contains a JSON object of the newly created schedule. The JSON object, besides containing fields and values from the input, also contains additional fields "status", "lastRun", "lastError" and "nextRun". "status" indicates the current state of the schedule. Its value can be 1 (schedule is idle) or 2 (schedule is running). "lastRun" provides the time of last schedule run. "lastError" provides error code for the last run. "0" means successful. "nextRun" provides the time of next scheduled run.

- Success-Response: [#success-examples-Schedules-Create\_5-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0,
  "schedules": [{
    "dailyDays" : 1,
    "daysOfTheWeek" : 00000000,
    "daysOfTheWeekDetails" : "",
    "emailAddresses" : "",
    "enabled" : "true",
    "endDate" : "2017-10-31 09:15:00",
    "filemakerScriptType": {
      "autoAbort" : "false",
      "fmScriptAccount" : "jane",
      "fmScriptName" : "UsePlugin",
      "fmScriptParam" : "blah",
      "fromTarget" : "file:UsePlugin",
      "timeout" : 2
    }
    "freqType" : 2,
    "id": "8",
    "lastError": 0,
    "lastRun" : "0000-00-00 00:480:00 GMT",
    "name" : "FileMaker Script Schedule",
    "nextRun" : "2017-10-12 17:15:00 GMT",
    "repeatFrequency" : 45,
    "repeatInterval" : 1,
    "repeatTask" : "true",
    "sendEmail" : "false",
    "startDate" : "2017-10-12 09:15:00",
    "status" : 1,
    "taskType" : "FILEMAKER SCRIPT"
  }]
}
```

## Schedules - Create Message Schedule

Create a Message schedule

POST

/fmi/admin/api/v1/schedules

### Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
Content-Type	String	

		Only accepts "application/json".
--	--	----------------------------------

- Header-Example: [#header-examples-Schedules-Create\_3-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws",
  "Content-Type": "application/json"
}
```

Parameter

Field	Type	Description
taskType	Number	Type of Message schedule (taskType = 3).
name	String	Schedule name (1-31 characters).
freqType	Number	Schedule run frequency type (1 = Once Only, 2 = Daily or Every n Days, 3 = Weekly).
startDate	String	Schedule start date/time (in "Year-Month-Day-Hour-Minute-Second" 24-hour format).
target	Number	Database type (2 - all databases, 3 - some databases under a subfolder, 4 - single database).
messageText	String	Message content to be sent to FileMaker clients (0 to 200 characters).
fromTargetoptional	String	FileMaker database folder path (target = 3) or FileMaker database name (target = 4). Required if target = 3 or 4.
repeatTaskoptional	Boolean	Whether repeat the task within a day.
repeatIntervaloptional	Number	Time unit for task repeat frequency (1 for minute, 2 for hour). Required if "repeatTask" is true.
repeatFrequencyoptional	Number	Time interval to repeat the task. Required if "repeatTask" is true. Must be an integer from 1 to 60 when repeatInterval = 1 or from 1 to 24 when repeatInterval=2.
daysOfTheWeekoptional	String	Enabled only when freqType = 3. A 7-digit binary string. Each digit's 1 or 0 represents on or off for the corresponding day of the week that the schedule will run. (The value can be from 0000000 to 1111111, but cannot be 0000000 for freqType = 3.) The leftmost binary digit represents Sunday and the final digit represents Saturday. For example, 1001011 indicates the schedule will run Sunday, Wednesday, Friday and Saturday.
dailyDaysoptional	Number	Enabled only when freqType = 2. Every how many days the schedule repeats, from 1 to 999. For example, 3 represents every 3 days. The default is 1.
enableEndDateoptional	Boolean	Whether specify an end date/time for the schedule.
Content-Type		



endDate	optional	String	Schedule end date/time (in "Year-Month-Day-Hour-Minute-Second" 24-hour format). Required if "enableEndDate" or "repeatTask" is true.
sendEmail	optional	Boolean	Whether to send email. Note: SMTP configuration is required for send email.
emailAddresses	optional	String	Email addresses separated by comma. Required if "sendEmail" is true.
enabled	optional	Boolean	Whether schedule is enabled at create/edit. The default is false.

- Request-Example: [#parameter-examples-Schedules-Create\_3-1\_0\_0-0]

```
{
  "taskType": 3,
  "name": "Maintenance Notification",
  "freqType": 1,
  "startDate": "2017-10-12-01-30-00",
  "target": 3,
  "fromTarget": "filemac:/Macintosh HD/Library/FileMaker Server/Data/Databases/",
  "messageText": "Server will be shut down in 15 minutes. Please save your work and proceed to logout.",
  "sendEmail": true,
  "emailAddresses": "john.doe@xxx.xxx,jane.doe@xxx.xxx"
}
```

Success 200

Field	Type	Description
result	Number	0
schedules	Array	JSON array contains a JSON object of the newly created schedule. The JSON object, besides containing fields and values from the input, also contains additional fields "status", "lastRun", "lastError" and "nextRun". "status" indicates the current state of the schedule. Its value can be 1 (schedule is idle) or 2 (schedule is running). "lastRun" provides the time of last schedule run. "lastError" provides error code for the last run. "0" means successful. "nextRun" provides the time of next scheduled run.

- Success-Response: [#success-examples-Schedules-Create\_3-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0,
  "schedules": [{
    "dailyDays" : 1,
    "daysOfTheWeek" : 0000000,
    "daysOfTheWeekDetails" : "",
    "emailAddresses" : "john.doe@xxx.xxx,jane.doe@xxx.xxx",
    "enabled" : "true",
    "freqType" : 1,
    "id": "6",
    "messageType": {
      "fromTarget" : "filemac:/Macintosh HD/Library/FileMaker Server/Data/Databases/",
      "messageText" : "Server will be shut down in 15 minutes. Please save your work and proceed to logout."
    }
    "name" : "Maintenance Notification",
    "repeatFrequency" : 10,
    "repeatInterval" : 1,
    "repeatTask" : "false",
    "sendEmail" : "true",
    "startDate" : "2017-10-12 1:30:0",
    "status" : 1,
```

```
    "taskType" : "MESSAGE"
  }]
}
```

# Schedules - Create Script Sequence Schedule

Create a Script Sequence schedule

POST

/fmi/admin/api/v1/schedules

## Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
Content-Type	String	Only accepts "application/json".

- Header-Example: [#header-examples-Schedules-Create\_6-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws",
  "Content-Type": "application/json"
}
```

## Parameter

Field	Type	Description
taskType	Number	Type of Script Sequence schedule (taskType = 5).
name	String	Schedule name (1-31 characters).
freqType	Number	Schedule run frequency type (1 = Once Only, 2 = Daily or Every n Days, 3 = Weekly).
startDate	String	Schedule start date/time (in "Year-Month-Day-Hour-Minute-Second" 24-hour format).
fromTarget	String	FileMaker database name.
fmScriptName	String	FileMaker database script name.
fmScriptParam <div>optional</div>	String	FileMaker database script parameter.
fmScriptAccount <div>optional</div>	String	FileMaker database script account name.
fmScriptPassword <div>optional</div>	String	

			FileMaker database script password.
osScript	optional	String	Name with full path of system script before FileMaker script.
osScriptParam	optional	String	Parameter of system script before FileMaker script.
osScript2	optional	String	Name with full path of system script after FileMaker script.
osScriptParam2	optional	String	Parameter of system script after FileMaker script.
runOSScriptsAsUser	optional	Boolean	Whether to run the system script using a user account instead of the default account.
osScriptAccount	optional	String	User account name. Required if "runOSScriptsAsUser" is true.
osScriptPassword	optional	String	User account password. Required if "runOSScriptsAsUser" is true.
timeout	optional	Number	Time limit for script schedule (unit is minutes, "0" means no time limit). Must be an integer from 0 to 1439. The default is 2 minutes.
autoAbort	optional	Boolean	Whether to stop the schedule if the time limit is reached or FileMaker Server stops. The default is false.
repeatTask	optional	Boolean	Whether to repeat the task within a day.
repeatInterval	optional	Number	Time unit for task repeat frequency (1 for minute, 2 for hour). Required if "repeatTask" is true.
repeatFrequency	optional	Number	Time interval to repeat the task. Required if "repeatTask" is true. Must be an integer from 1 to 60 when repeatInterval = 1 or from 1 to 24 when repeatInterval=2.
daysOfTheWeek	optional	String	Enabled only when freqType = 3. A 7-digit binary string. Each digit's 1 or 0 represents on or off for the corresponding day of the week that the schedule will run. (The value can be from 0000000 to 1111111, but cannot be 0000000 for freqType = 3.) The leftmost binary digit represents Sunday and the final digit represents Saturday. For example, 1001011 indicates the schedule will run Sunday, Wednesday, Friday and Saturday.
dailyDays	optional	Number	Enabled only when freqType = 2. Every how many days the schedule repeats, from 1 to 999. For example, 3 represents every 3 days. The default is 1.
enableEndDate	optional	Boolean	Whether to specify an end date/time for the schedule.
endDate	optional	String	Schedule end date/time (in "Year-Month-Day-Hour-Minute-Second" 24-hour format). Required if "enableEndDate" or "repeatTask" is true.
sendEmail	optional	Boolean	

			Whether to send mail. Note: SMTP configuration is required for sending email.
emailAddresses	optional	String	Email addresses separated by comma. Required if "sendEmail" is true.
enabled	optional	Boolean	Whether schedule is enabled at create/edit. The default is false.

- Request-Example: [#parameter-examples-Schedules-Create\_6-1\_0\_0-0]

```
{
  "taskType": 5,
  "name": "Script Sequence Schedule",
  "freqType": 2,
  "startDate": "2017-10-12-15-30-00",
  "repeatTask": true,
  "repeatFrequency": 6,
  "repeatInterval": 2,
  "fromTarget": "file:PlugIn.fmp12",
  "fmScriptAccount": "jane",
  "fmScriptPassword": "My$ecret",
  "fmScriptName": "UsePlugin",
  "osScript": "filemac:/Macintosh HD/Library/FileMaker Server/Data/Scripts/system-script-1.sh",
  "osScriptParam": "foo",
  "osScript2": "filemac:/Macintosh HD/Library/FileMaker Server/Data/Scripts/system-script-2.sh",
  "osScriptParam2": "bar"
}
```

Success 200

Field	Type	Description
result	Number	0
schedules	Array	JSON array contains a JSON object of the newly created schedule. The JSON object, besides containing fields and values from the input, also contains additional fields "status", "lastRun", "lastError" and "nextRun". "status" indicates the current state of the schedule. Its value can be 1 (schedule is idle) or 2 (schedule is running). "lastRun" provides the time of last schedule run. "lastError" provides error code for the last run. "0" means successful. "nextRun" provides the time of next scheduled run.

- Success-Response: [#success-examples-Schedules-Create\_6-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0,
  "schedules": [{
    "dailyDays" : 1,
    "daysOfTheWeek" : 00000000,
    "daysOfTheWeekDetails" : "",
    "emailAddresses" : "",
    "enabled" : "true",
    "endDate" : "2017-10-31 17:27:00",
    "freqType" : 2,
    "id": "8",
    "lastError": 0,
    "lastRun" : "0000-00-00 00:480:00 GMT",
    "name" : "Script Sequence Schedule",
    "nextRun" : "2017-10-12 23:30:00 GMT",
    "repeatFrequency" : 6,
    "repeatInterval" : 2,
    "repeatTask" : "true",
    "scriptSequenceType": {
```

```
    "autoAbort" : "false",
    "fmScriptAccount" : "jane",
    "fmScriptName" : "UsePlugin",
    "fmScriptParam" : "blah",
    "fromTarget" : "file:UsePlugin",
    "osScript" : "filemac:/Macintosh HD/Library/FileMaker Server/Data/Scripts/system-script-1.sh",
    "osScript" : "filemac:/Macintosh HD/Library/FileMaker Server/Data/Scripts/system-script-2.sh",
    "osScriptParam" : "foo",
    "osScriptParam2" : "bar",
    "runOSScriptsAsUser" : "false",
    "timeout" : 2,
    "useOSScript" : "true",
    "useOSScript2" : "true"
  }
  "sendEmail" : "false",
  "startDate" : StartDate: "2017-10-12 15:30:00",
  "status" : 1,
  "taskType" : "SCRIPT SEQUENCE"
}]
}
```

## Schedules - Create System Script Schedule

Create a System Script schedule

POST

/fmi/admin/api/v1/schedules

### Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
Content-Type	String	Only accepts "application/json".

- Header-Example: [#header-examples-Schedules-Create\_2-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws",
  "Content-Type": "application/json"
}
```

### Parameter

Field	Type	Description
taskType	Number	Type of System Script schedule (taskType = 2).
name	String	Schedule name (1-31 characters).
freqType	Number	Schedule run frequency type (1 = Once Only, 2 = Daily or Every n Days, 3 = Weekly).
startDate	String	Schedule start date/time (in "Year-Month-Day-Hour-Minute-Second" 24-hour format).

osScript		String	System script name with full path.
osScriptParam	optional	String	System script parameter.
runOSScriptsAsUser	optional	Boolean	Whether to run system script using a user account instead of default account.
osScriptAccount	optional	String	User account name. Required if "runOSScriptsAsUser" is true.
osScriptPassword	optional	String	User account password. Required if "runOSScriptsAsUser" is true.
timeout	optional	Number	Time limit for the script schedule (unit is minutes, "0" means no time limit). Must be an integer from 0 to 1439. The default is 2 minutes.
autoAbort	optional	Boolean	Whether to abort schedule if time limit is reached or server stopped. The default is false.
repeatTask	optional	Boolean	Whether to repeat the task within a day.
repeatInterval	optional	Number	Time unit for task repeat frequency (1 for minute, 2 for hour). Required if "repeatTask" is true.
repeatFrequency	optional	Number	Time interval to repeat the task. Required if "repeatTask" is true. Must be an integer from 1 to 60 when repeatInterval = 1 or from 1 to 24 when repeatInterval=2.
daysOfTheWeek	optional	String	Enabled only when freqType = 3. A 7-digit binary string. Each digit's 1 or 0 represents on or off for the corresponding day of the week that the schedule will run. (The value can be from 0000000 to 1111111, but cannot be 0000000 for freqType = 3.) The leftmost binary digit represents Sunday and the final digit represents Saturday. For example, 1001011 indicates the schedule will run Sunday, Wednesday, Friday and Saturday.
dailyDays	optional	Number	Enabled only when freqType = 2. Every how many days the schedule repeats, from 1 to 999. For example, 3 represents every 3 days. The default is 1.
enableEndDate	optional	Boolean	Whether to specify an end date/time for the schedule.
endDate	optional	String	Schedule end date/time (in "Year-Month-Day-Hour-Minute-Second" 24-hour format). Required if "enableEndDate" or "repeatTask" is true.
sendEmail	optional	Boolean	Whether to send email. Note: SMTP configuration is required for sending email.
emailAddresses	optional	String	Email addresses separated by comma. Required if "sendEmail" is true.
enabled	optional	Boolean	Whether schedule is enabled at create/edit. The default is false.

- Request-Example: [#parameter-examples-Schedules-Create\_2-1\_0\_0-0]

```
{
  "taskType": 2,
  "name": "System Script Schedule",
  "freqType": 3,
  "startDate": "2017-10-12-01-30-00",
  "daysOfTheWeek": 1010101,
  "osScript": "filemac:/Macintosh HD/Library/FileMaker Server/Data/Scripts/system-script.sh",
  "osScriptParam": "blah",
  "runOSScriptsAsUser": true,
  "osScriptAccount": "john",
  "osScriptPassword": "$ometh1ngKant$hare",
  "timeout": 5,
  "autoAbort": true
}
```

Success 200

Field	Type	Description
result	Number	0
schedules	Array	JSON array contains a JSON object of the newly created schedule. The JSON object, besides containing fields and values from the input, also contains additional fields "status", "lastRun", "lastError" and "nextRun". "status" indicates the current state of the schedule. Its value can be 1 (schedule is idle) or 2 (schedule is running). "lastRun" provides the time of last schedule run. "lastError" provides error code for the last run. "0" means successful. "nextRun" provides the time of next scheduled run.

- Success-Response: [#success-examples-Schedules-Create\_2-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0,
  "schedules": [{
    "dailyDays" : 1,
    "daysOfTheWeek" : 1010101,
    "daysOfTheWeekDetails" : "Sunday; Tuesday; Thursday; Saturday;",
    "emailAddresses" : "",
    "enabled" : "true",
    "freqType" : 3,
    "id": "5",
    "lastError": 0,
    "lastRun" : "0000-00-00 00:480:00 GMT",
    "name" : "System Script Schedule",
    "nextRun" : "2017-10-14 01:30:00 GMT",
    "repeatFrequency" : 10,
    "repeatInterval" : 1,
    "repeatTask" : "false",
    "sendEmail" : "false",
    "startDate" : "2017-10-12 01:30:00",
    "status" : 1,
    "systemScriptType": {
      "autoAbort" : "true",
      "osScript" : "filemac:/Macintosh HD/Library/FileMaker Server/Data/Scripts/system-1.sh",
      "osScriptParam" : "blah",
      "runOSScriptsAsUser" : "true",
      "timeout" : 5,
      "userName" : "john"
    }
    "taskType" : "SYSTEM SCRIPT"
  }]
}
```

# Schedules - Create Verify Schedule

Create a Verify schedule

POST

/fmi/admin/api/v1/schedules

## Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
Content-Type	String	Only accepts "application/json".

- Header-Example: [#header-examples-Schedules-Create\_4-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws",
  "Content-Type": "application/json"
}
```

## Parameter

Field	Type	Description
taskType	Number	Type of Verify schedule (taskType = 4).
name	String	Schedule name (1-31 characters).
freqType	Number	Schedule run frequency type (1 = Once Only, 2 = Daily or Every n Days, 3 = Weekly).
startDate	String	Schedule start date/time (in "Year-Month-Day-Hour-Minute-Second" 24-hour format).
target	Number	Database type (2 - all databases, 3 - some databases under a subfolder, 4 - single database).
fromTargetoptional	String	FileMaker database folder path (target = 3) or FileMaker database name (target = 4). Required if target = 3 or 4.
messageTextoptional	String	Message content to be sent to FileMaker clients when the database is closing (0 to 200 characters).
timeoutoptional	Number	Time delayed before the message is sent (unit is minutes). Must be an integer from 0 to 60. The default is 2 minutes.
repeatTask		



	optional	Boolean	Whether repeat the task within a day.
repeatInterval	optional	Number	Time unit for task repeat frequency (1 for minute, 2 for hour). Required if "repeatTask" is true.
repeatFrequency	optional	Number	Time interval to repeat the task. Required if "repeatTask" is true. Must be an integer from 1 to 60 when repeatInterval = 1 or from 1 to 24 when repeatInterval=2.
daysOfTheWeek	optional	String	Enabled only when freqType = 3. A 7-digit binary string. Each digit's 1 or 0 represents on or off for the corresponding day of the week that the schedule will run. (The value can be from 0000000 to 1111111, but cannot be 0000000 for freqType = 3.) The leftmost binary digit represents Sunday and the final digit represents Saturday. For example, 1001011 indicates the schedule will run Sunday, Wednesday, Friday and Saturday.
dailyDays	optional	Number	Enabled only when freqType = 2. Every how many days the schedule repeats, from 1 to 999. For example, 3 represents every 3 days. The default is 1.
enableEndDate	optional	Boolean	Whether specify an end date/time for the schedule.
endDate	optional	String	Schedule end date/time (in "Year-Month-Day-Hour-Minute-Second" 24-hour format). Required if "enableEndDate" or "repeatTask" is true.
sendEmail	optional	Boolean	Whether to send mail email. Note: SMTP configuration is required for sending email.
emailAddresses	optional	String	Email addresses separated by comma. Required if "sendEmail" is true
enabled	optional	Boolean	Whether schedule is enabled at create/edit. The default is false.

- Request-Example: [#parameter-examples-Schedules-Create\_4-1\_0\_0-0]

```
{
  "taskType": 4,
  "name": "Verify Sample Database",
  "freqType": 1,
  "startDate": "2017-10-11-13-00-00",
  "target": 4,
  "fromTarget": "file:FMServer_Sample.fmp12"
}
```

Success 200

Field	Type	Description
result	Number	0
schedules	Array	JSON array contains a JSON object of the newly created schedule. The JSON object, besides containing fields and values from the input, also contains additional fields "status", "lastRun", "lastError" and "nextRun". "status" indicates the current state of the schedule. Its value can be 1 (schedule is idle) or 2 (schedule is running). "lastRun" provides the time of last schedule run. "lastError" provides error code for the last run. "0" means successful. "nextRun" provides the time of next scheduled run.

- Success-Response: [#success-examples-Schedules-Create\_4-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0,
  "schedules": [{
    "dailyDays" : 1,
    "daysOfTheWeek" : 00000000,
    "daysOfTheWeekDetails" : "",
    "emailAddresses" : "john.doe@xxx.xxx,jane.doe@xxx.xxx",
    "enabled" : "true",
    "freqType" : 1,
    "id": "7",
    "name" : "Verify Schedule",
    "repeatFrequency" : 10,
    "repeatInterval" : 1,
    "repeatTask" : "false",
    "sendEmail" : "false",
    "startDate" : "2017-10-11-13-00-00",
    "status" : 1,
    "taskType" : "VERIFY",
    "verifyType": {
      "fromTarget" : "file:FMServer_Sample.fmp12",
      "messageText" : "",
      "timeout": 2
    }
  }]
}
```

## Schedules - Delete Schedule

Delete a schedule specified by schedule id.

DELETE

/fmi/admin/api/v1/schedules/:schedule\_id

### Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
Content-Type	String	Only accepts "application/json".

- Header-Example: [#header-examples-Schedules-Delete-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWwluIiw.vxF0lg1KD2ZuM4Ws",
  "Content-Type": "application/json"
}
```

### Success 200

Field	Type	Description
result	Number	0

schedule	Object	JSON object contains information for the deleted schedule.
----------	--------	--

- Success-Response: [#success-examples-Schedules-Delete-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0,
  "schedule": {
    "dailyDays": 1,
    "daysOfTheWeek": "1111111",
    "daysOfTheWeekDetails": "Sunday; Monday; Tuesday; Wednesday; Thursday; Friday; Saturday;",
    "emailAddresses": "john.doe@xxx.xxx,jane.doe@xxx.xxx",
    "enabled": "true",
    "endDate": "2019-10-04 11:20:00",
    "freqType": 3,
    "id": "2",
    "lastError": 10904,
    "lastRun": "0000-00-00 00:00:00",
    "messageType": {
      "fromTarget" : "file:FMServer_Sample",
      "messageText": "Hello World",
      "target": 4
    }
    "name": "aa",
    "nextRun" : "2017-11-17 17:00:00",
    "repeatFrequency": 10,
    "repeatInterval": 1,
    "repeatTask": "true",
    "sendEmail" : "true",
    "startDate": "2017-10-04 11:30:00",
    "status": 1,
    "taskType": "MESSAGE"
  }
}
```

## Schedules - Disable Schedule

Disable a schedule specified by schedule id.

PUT

```
/fmi/admin/api/v1/schedules/:schedule_id/disable
```

### Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
Content-Length <div>optional</div>	Number	"Content-Length: 0" is required if the request has no parameters.
Content-Type	String	Only accepts "application/json".

- Header-Example: [#header-examples-Schedules-Disable-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws",
```

```
"Content-Length": 0,
"Content-Type": "application/json"
}
```

Success 200

Field	Type	Description
result	Number	0
schedule	Object	JSON object contains information for the disabled schedule.

- Success-Response: [#success-examples-Schedules-Disable-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0,
  "schedule": {
    "dailyDays": 1,
    "daysOfTheWeek": "1111111",
    "daysOfTheWeekDetails": "Sunday; Monday; Tuesday; Wednesday; Thursday; Friday; Saturday;",
    "emailAddresses": "john.doe@xxx.xxx,jane.doe@xxx.xxx",
    "enabled": "false",
    "endDate": "2019-10-04 11:20:00",
    "freqType": 3,
    "id": "2",
    "lastError": 10904,
    "lastRun": "0000-00-00 00:00:00",
    "messageType": {
      "fromTarget" : "file:FMServer_Sample",
      "messageText": "Hello World",
      "target": 4
    }
    "name": "aa",
    "nextRun" : "2017-11-17 17:00:00",
    "repeatFrequency": 10,
    "repeatInterval": 1,
    "repeatTask": "true",
    "sendEmail" : "true",
    "startDate": "2017-10-04 11:30:00",
    "status": 1,
    "taskType": "MESSAGE"
  }
}
```

Schedules - Duplicate Schedule

Duplicate a schedule specified by schedule id.

POST

/fmi/admin/api/v1/schedules/:schedule\_id/duplicate

Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.

Content-Length	optional	Number	"Content-Length: 0" is required if the request has no parameters.
Content-Type		String	Only accepts "application/json".

- Header-Example: [#header-examples-Schedules-Duplicate-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws",
  "Content-Length": 0,
  "Content-Type": "application/json"
}
```

Success 200

Field	Type	Description
result	Number	0
schedule	Object	JSON object contains detail information about the new duplicate schedule.

- Success-Response: [#success-examples-Schedules-Duplicate-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0,
  "schedule": {
    "dailyDays" : 1,
    "daysOfTheWeek" : 1000110,
    "daysOfTheWeekDetails" : "Sunday; Thursday; Friday;",
    "emailAddresses" : "",
    "enabled" : "true",
    "endDate" : "2017-7-29 3:7:0",
    "filemakerScriptType": {
      "autoAbort" : "false",
      "fmScriptAccount" : "",
      "fmScriptName" : "Printable Task List",
      "fmScriptParam" : "",
      "fmScriptPassword" : "",
      "fromTarget" : "file:FMServer_Sample",
      "timeout" : 2
    }
    "freqType" : 2,
    "id": "4",
    "lastError": 0,
    "lastRun" : "0-0-0 0:0:0",
    "name" : "FM Script Schedule Copy",
    "nextRun" : "2017-7-6 3:7:0",
    "repeatFrequency" : 10,
    "repeatInterval" : 1,
    "repeatTask" : "false",
    "sendEmail" : "false",
    "startDate" : "2017-7-5 3:7:0",
    "status" : 1,
    "taskType" : "FILEMAKER SCRIPT"
  }
}
```

Schedules - Edit Backup Schedule

Edit a Backup schedule specified by schedule id.

(The parameters for Edit Backup Schedule are the same as those for Create Backup Schedule, and must include all required parameters plus those with values to update or maintain if their default has been changed.)

PUT

/fmi/admin/api/v1/schedules/:schedule\_id

## Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
Content-Type	String	Only accepts "application/json".

- Header-Example: [#header-examples-Schedules-Edit\_1-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws",
  "Content-Type": "application/json"
}
```

## Parameter

Field	Type	Description
taskType	Number	Type of backup schedule (taskType = 1).
name	String	Schedule name (1-31 characters).
freqType	Number	Schedule run frequency type (1 = Once Only, 2 = Daily or Every n Days, 3 = Weekly).
startDate	String	Schedule start date/time (in "Year-Month-Day-Hour-Minute-Second" 24-hour format).
target	Number	Database type (2 - all databases, 3 - some databases under a subfolder, 4 - single database).
backupTarget	String	Backup folder path.
maxBackups	optionalNumber	Maximum number of backups to keep. Must be an integer from 0 to 99. The default is 1.
fromTarget	optionalString	FileMaker database folder path (target = 3) or FileMaker database name (target = 4). Required if target = 3 or 4.
clone	optionalBoolean	Whether to clone the backup file. The default is false.
verify	optionalBoolean	Whether to verify backup integrity. The default is false.
repeatTask	Boolean	

	optional		Whether to repeat the task within a day.
repeatInterval	optional	Number	Time unit for task repeat frequency (1 for minute, 2 for hour). Required if "repeatTask" is true.
repeatFrequency	optional	Number	Time interval to repeat the task. Required if "repeatTask" is true. Must be an integer from 1 to 60 when repeatInterval = 1 or from 1 to 24 when repeatInterval=2.
daysOfTheWeek	optional	String	Enabled only when freqType = 3. A 7-digit binary string. Each digit's 1 or 0 represents on or off for the corresponding day of the week that the schedule will run. (The value can be from 0000000 to 1111111, but cannot be 0000000 for freqType = 3.) The leftmost binary digit represents Sunday and the final digit represents Saturday. For example, 1001011 indicates the schedule will run Sunday, Wednesday, Friday and Saturday.
dailyDays	optional	Number	Enabled only when freqType = 2. Every how many days the schedule repeats, from 1 to 999. For example, 3 represents every 3 days. The default is 1.
enableEndDate	optional	Boolean	Whether to specify an end date/time for the schedule.
endDate	optional	String	Schedule end date/time (in "Year-Month-Day-Hour-Minute-Second" 24-hour format). Required if "enableEndDate" or "repeatTask" is true.
sendEmail	optional	Boolean	Whether to send email. Note: SMTP configuration is required for sending email.
emailAddresses	optional	String	Email addresses separated by comma. Required if "sendEmail" is true.
enabled	optional	Boolean	Whether schedule is enabled at create or edit. The default is false.

- Request-Example: [#parameter-examples-Schedules-Edit\_1-1\_0\_0-0]

```
{
  "taskType": 1,
  "name": "Daily",
  "freqType": 2,
  "startDate": "2017-10-11-23-30-00",
  "enabled": true,
  "target": 2,
  "backupTarget": "filemac:/Macintosh HD/Library/FileMaker Server/Data/Backups/",
  "maxBackups": 5
}
```

Success 200

Field	Type	Description
result	Number	0
schedules	Array	JSON array contains a JSON object of the updated schedule.

- Success-Response: [#success-examples-Schedules-Edit\_1-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0,
  "schedules": [{
    "backupType": {
      "backupTarget" : "filemac:/Macintosh HD/Library/FileMaker Server/Data/Backups/",
      "clone" : "false",
      "fromTarget" : "All Databases",
      "maxBackups" : 5,
      "verify" : "false"
    }
    "dailyDays" : 1,
    "daysOfTheWeek" : 00000000,
    "daysOfTheWeekDetails" : "",
    "emailAddresses" : "",
    "enabled" : "true",
    "freqType" : 2,
    "id": "4",
    "lastError": 0,
    "lastRun" : "0000-00-00 00:480:00 GMT",
    "name" : "Daily",
    "nextRun" : "2017-10-12 23:30:00 GMT",
    "repeatFrequency" : 10,
    "repeatInterval" : 1,
    "repeatTask" : "false",
    "sendEmail" : "false",
    "startDate" : "2017-10-11 23:30:00",
    "status" : 1,
    "taskType" : "BACKUP"
  }]
}
```

## Schedules - Edit FileMaker Script Schedule

Edit a FileMaker Script schedule specified by schedule id.

(The parameters for Edit FileMaker Script Schedule are the same as those for Create FileMaker Script Schedule, and must include all required parameters plus those with values to update or maintain if their default has been changed.)

PUT

/fmi/admin/api/v1/schedules/:schedule\_id

### Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
Content-Type	String	Only accepts "application/json".

- Header-Example: [#header-examples-Schedules-Edit\_5-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws",
  "Content-Type": "application/json"
}
```

### Parameter

--	--	--



Field		Type	Description
taskType		Number	Type of FileMaker Script schedule (taskType = 5).
name		String	Schedule name (1-31 characters).
freqType		Number	Schedule run frequency type (1 = Once Only, 2 = Daily or Every n Days, 3 = Weekly).
startDate		String	Schedule start date/time (in "Year-Month-Day-Hour-Minute-Second" 24-hour format).
fromTarget		String	FileMaker database name.
fmScriptName		String	FileMaker database script name.
fmScriptParam	optional	String	FileMaker database script parameter.
fmScriptAccount	optional	String	FileMaker database script account name.
fmScriptPassword	optional	String	FileMaker database script password.
timeout	optional	Number	Time limit for script schedule (unit is minutes, "0" means no time limit). Must be an integer from 0 to 1439. The default is 2 minutes.
autoAbort	optional	Boolean	Whether to stop the schedule if the time limit is reached or FileMaker Server stops. The default is false.
repeatTask	optional	Boolean	Whether to repeat the task within a day.
repeatInterval	optional	Number	Time unit for task repeat frequency (1 for minute, 2 for hour). Required if "repeatTask" is true.
repeatFrequency	optional	Number	Time interval to repeat the task. Required if "repeatTask" is true. Must be an integer from 1 to 60 when repeatInterval = 1 or from 1 to 24 when repeatInterval = 2.
daysOfTheWeek	optional	String	Enabled only when freqType = 3. A 7-digit binary string. Each digit's 1 or 0 represents on or off for the corresponding day of the week that the schedule will run. (The value can be from 0000000 to 1111111, but cannot be 0000000 for freqType = 3.) The leftmost binary digit represents Sunday and the final digit represents Saturday. For example, 1001011 indicates the schedule will run Sunday, Wednesday, Friday and Saturday.
dailyDays	optional	Number	Enabled only when freqType = 2. Every how many days the schedule repeats, from 1 to 999. For example, 3 represents every 3 days. The default is 1.
enableEndDate	optional	Boolean	Whether to specify an end date/time for the schedule.

endDate	optional	String	Schedule end date/time (in "Year-Month-Day-Hour-Minute-Second" format). Required if "enableEndDate" or "repeatTask" is true.
sendEmail	optional	Boolean	Whether to send email. Note: SMTP configuration is required for sending email.
emailAddresses	optional	String	Email addresses separated by comma. Required if "sendEmail" is true.
enabled	optional	Boolean	Whether schedule is enabled at create/edit. The default is false.

- Request-Example: [#parameter-examples-Schedules-Edit\_5-1\_0\_0-0]

```
{
  "taskType": 5,
  "name": "FM Script Schedule",
  "freqType": 2,
  "startDate": "2017-10-12-09-15-00",
  "repeatTask": true,
  "repeatFrequency": 45,
  "repeatInterval": 1,
  "enableEndDate": true,
  "endDate": "2017-10-31-09-15-00",
  "fromTarget": "file:PlugIn.fmp12",
  "fmScriptAccount": "jane",
  "fmScriptPassword": "My$ecret",
  "fmScriptName": "UsePlugin",
  "fmScriptParam": "blah",
  "timeout": 2
}
```

Success 200

Field	Type	Description
result	Number	0
schedules	Array	JSON array contains a JSON object of the updated schedule.

- Success-Response: [#success-examples-Schedules-Edit\_5-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0,
  "schedules": [{
    "dailyDays" : 1,
    "daysOfTheWeek" : 0000000,
    "daysOfTheWeekDetails" : "",
    "emailAddresses" : "",
    "enabled" : "true",
    "endDate" : "2017-10-31 09:15:00",
    "filemakerScriptType": {
      "autoAbort" : "false",
      "fmScriptAccount" : "jane",
      "fmScriptName" : "UsePlugin",
      "fmScriptParam" : "blah",
      "fromTarget" : "file:UsePlugin",
      "timeout" : 2
    }
    "freqType" : 2,
    "id": "8",
    "lastError": 0,
```

```
    "lastRun" : "0000-00-00 00:480:00 GMT",
    "name" : "FileMaker Script Schedule",
    "nextRun" : "2017-10-12 17:15:00 GMT",
    "repeatFrequency" : 45,
    "repeatInterval" : 1,
    "repeatTask" : "true",
    "sendEmail" : "false",
    "startDate" : "2017-10-12 09:15:00",
    "status" : 1,
    "taskType" : "FILEMAKER SCRIPT"
  }
}
```

## Schedules - Edit Message Schedule

Edit a Message schedule specified by schedule id.

(The parameters for Edit Message Schedule are the same as those for Create Message Schedule, and must include all required parameters plus those with values to update or maintain if their default has been changed.)

PUT

/fmi/admin/api/v1/schedules/:schedule\_id

### Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
Content-Type	String	Only accepts "application/json".

- Header-Example: [#header-examples-Schedules-Edit\_3-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws",
  "Content-Type": "application/json"
}
```

### Parameter

Field	Type	Description
taskType	Number	Type of Message schedule (taskType = 3).
name	String	Schedule name (1-31 characters).
freqType	Number	Schedule run frequency type (1 = Once Only, 2 = Daily or Every n Days, 3 = Weekly).
startDate	String	Schedule start date/time (in "Year-Month-Day-Hour-Minute-Second" 24-hour format).
target	Number	Database type (2 - all databases, 3 - some databases under a subfolder, 4 - single database).

messageText		String	Message content to be sent to FileMaker clients (0 to 200 characters).
fromTarget	optional	String	FileMaker database folder path (target = 3) or FileMaker database name (target = 4). Required if target = 3 or 4.
repeatTask	optional	Boolean	Whether repeat the task within a day.
repeatInterval	optional	Number	Time unit for task repeat frequency (1 for minute, 2 for hour). Required if "repeatTask" is true.
repeatFrequency	optional	Number	Time interval to repeat the task. Required if "repeatTask" is true. Must be an integer from 1 to 60 when repeatInterval = 1 or from 1 to 24 when repeatInterval=2.
daysOfTheWeek	optional	String	Enabled only when freqType = 3. A 7-digit binary string. Each digit's 1 or 0 represents on or off for the corresponding day of the week that the schedule will run. (The value can be from 0000000 to 1111111, but cannot be 0000000 for freqType = 3.) The leftmost binary digit represents Sunday and the final digit represents Saturday. For example, 1001011 indicates the schedule will run Sunday, Wednesday, Friday and Saturday.
dailyDays	optional	Number	Enabled only when freqType = 2. Every how many days the schedule repeats, from 1 to 999. For example, 3 represents every 3 days. The default is 1.
enableEndDate	optional	Boolean	Whether specify an end date/time for the schedule.
endDate	optional	String	Schedule end date/time (in "Year-Month-Day-Hour-Minute-Second" 24-hour format). Required if "enableEndDate" or "repeatTask" is true.
sendEmail	optional	Boolean	Whether to send email. Note: SMTP configuration is required for send email.
emailAddresses	optional	String	Email addresses separated by comma. Required if "sendEmail" is true.
enabled	optional	Boolean	Whether schedule is enabled at create/edit. The default is false.

- Request-Example: [#parameter-examples-Schedules-Edit\_3-1\_0\_0-0]

```
{
  "taskType": 3,
  "name": "Maintenance Notification",
  "freqType": 1,
  "startDate": "2017-10-12-01-30-00",
  "target": 3,
  "fromTarget": "filemac:/Macintosh HD/Library/FileMaker Server/Data/Databases/",
  "messageText": "Server will be shut down in 15 minutes. Please save your work and proceed to logout.",
  "sendEmail": true,
  "emailAddresses": "john.doe@xxx.xxx,jane.doe@xxx.xxx"
}
```

Success 200

--	--	--

Field	Type	Description
result	Number	0
schedules	Array	JSON array contains a JSON object of the updated schedule.

- Success-Response: [#success-examples-Schedules-Edit\_3-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0,
  "schedules": [{
    "dailyDays" : 1,
    "daysOfTheWeek" : 00000000,
    "daysOfTheWeekDetails" : "",
    "emailAddresses" : "john.doe@xxx.xxx,jane.doe@xxx.xxx",
    "enabled" : "true",
    "freqType" : 1,
    "id": "6",
    "messageType": {
      "fromTarget" : "filemac:/Macintosh HD/Library/FileMaker Server/Data/Databases/",
      "messageText" : "Server will be shut down in 15 minutes. Please save your work and proceed to logout."
    }
    "name" : "Maintenance Notification",
    "repeatFrequency" : 10,
    "repeatInterval" : 1,
    "repeatTask" : "false",
    "sendEmail" : "true",
    "startDate" : "2017-10-12 1:30:0",
    "status" : 1,
    "taskType" : "MESSAGE"
  }]
}
```

## Schedules - Edit Script Sequence Schedule

Edit a Script Sequence schedule specified by schedule id.

(The parameters for Edit Script Sequence Schedule are the same as those for Create Script Sequence Schedule, and must include all required parameters plus those with values to update or maintain if their default has been changed.)

PUT

```
/fmi/admin/api/v1/schedules/:schedule_id
```

### Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
Content-Type	String	Only accepts "application/json".

- Header-Example: [#header-examples-Schedules-Edit\_6-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws",
```

```
"Content-Type": "application/json"
}
```

Parameter

Field	Type	Description
taskType	Number	Type of Script Sequence schedule (taskType = 5).
name	String	Schedule name (1-31 characters).
freqType	Number	Schedule run frequency type (1 = Once Only, 2 = Daily or Every n Days, 3 = Weekly).
startDate	String	Schedule start date/time (in "Year-Month-Day-Hour-Minute-Second" 24-hour format).
fromTarget	String	FileMaker database name.
fmScriptName	String	FileMaker database script name.
fmScriptParamoptional	String	FileMaker database script parameter.
fmScriptAccountoptional	String	FileMaker database script account name.
fmScriptPasswordoptional	String	FileMaker database script password.
osScriptoptional	String	Name with full path of system script before FileMaker script.
osScriptParamoptional	String	Parameter of system script before FileMaker script.
osScript2optional	String	Name with full path of system script after FileMaker script.
osScriptParam2optional	String	Parameter of system script after FileMaker script.
runOSScriptsAsUseroptional	Boolean	Whether to run the system script using a user account instead of the default account.
osScriptAccountoptional	String	User account name. Required if "runOSScriptsAsUser" is true.
osScriptPasswordoptional	String	User account password. Required if "runOSScriptsAsUser" is true.
timeoutoptional	Number	Time limit for script schedule (unit is minutes, "0" means no time limit). Must be an integer from 0 to 1439. The default is 2 minutes.
autoAbortoptional	Boolean	Whether to stop the schedule if the time limit is reached or FileMaker Server stops. The

			default is false.
repeatTask	optional	Boolean	Whether to repeat the task within a day.
repeatInterval	optional	Number	Time unit for task repeat frequency (1 for minute, 2 for hour). Required if "repeatTask" is true.
repeatFrequency	optional	Number	Time interval to repeat the task. Required if "repeatTask" is true. Must be an integer from 1 to 60 when repeatInterval = 1 or from 1 to 24 when repeatInterval=2.
daysOfTheWeek	optional	String	Enabled only when freqType = 3. A 7-digit binary string. Each digit's 1 or 0 represents on or off for the corresponding day of the week that the schedule will run. (The value can be from 0000000 to 1111111, but cannot be 0000000 for freqType = 3.) The leftmost binary digit represents Sunday and the final digit represents Saturday. For example, 1001011 indicates the schedule will run Sunday, Wednesday, Friday and Saturday.
dailyDays	optional	Number	Enabled only when freqType = 2. Every how many days the schedule repeats, from 1 to 999. For example, 3 represents every 3 days. The default is 1.
enableEndDate	optional	Boolean	Whether to specify an end date/time for the schedule.
endDate	optional	String	Schedule end date/time (in "Year-Month-Day-Hour-Minute-Second" 24-hour format). Required if "enableEndDate" or "repeatTask" is true.
sendEmail	optional	Boolean	Whether to send mail. Note: SMTP configuration is required for sending email.
emailAddresses	optional	String	Email addresses separated by comma. Required if "sendEmail" is true.
enabled	optional	Boolean	Whether schedule is enabled at create/edit. The default is false.

- Request-Example: [#parameter-examples-Schedules-Edit\_6-1\_0\_0-0]

```
{
  "taskType": 5,
  "name": "Script Sequence Schedule",
  "freqType": 2,
  "startDate": "2017-10-12-15-30-00",
  "repeatTask": true,
  "repeatFrequency": 6,
  "repeatInterval": 2,
  "fromTarget": "file:PlugIn.fmp12",
  "fmScriptAccount": "jane",
  "fmScriptPassword": "My$ecret",
  "fmScriptName": "UsePlugin",
  "osScript": "filemac:/Macintosh HD/Library/FileMaker Server/Data/Scripts/system-script-1.sh",
  "osScriptParam": "foo",
  "osScript2": "filemac:/Macintosh HD/Library/FileMaker Server/Data/Scripts/system-script-2.sh",
  "osScriptParam2": "bar"
}
```

Success 200

Field	Type	Description
-------	------	-------------

result	Number	0
schedules	Array	JSON array contains a JSON object of the updated schedule.

- Success-Response: [#success-examples-Schedules-Edit\_6-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0,
  "schedules": [{
    "dailyDays" : 1,
    "daysOfTheWeek" : 00000000,
    "daysOfTheWeekDetails" : "",
    "emailAddresses" : "",
    "enabled" : "true",
    "endDate" : "2017-10-31 17:27:00",
    "freqType" : 2,
    "id": "8",
    "lastError": 0,
    "lastRun" : "0000-00-00 00:480:00 GMT",
    "name" : "Script Sequence Schedule",
    "nextRun" : "2017-10-12 23:30:00 GMT",
    "repeatFrequency" : 6,
    "repeatInterval" : 2,
    "repeatTask" : "true",
    "scriptSequenceType": {
      "autoAbort" : "false",
      "fmScriptAccount" : "jane",
      "fmScriptName" : "UsePlugin",
      "fmScriptParam" : "blah",
      "fromTarget" : "file:UsePlugin",
      "osScript" : "filemac:/Macintosh HD/Library/FileMaker Server/Data/Scripts/system-script-1.sh",
      "osScript" : "filemac:/Macintosh HD/Library/FileMaker Server/Data/Scripts/system-script-2.sh",
      "osScriptParam" : "foo",
      "osScriptParam2" : "bar",
      "runOSScriptsAsUser" : "false",
      "timeout" : 2,
      "useOSScript" : "true",
      "useOSScript2" : "true"
    }
    "sendEmail" : "false",
    "startDate" : StartDate: "2017-10-12 15:30:00",
    "status" : 1,
    "taskType" : "SCRIPT SEQUENCE"
  }]
}
```

## Schedules - Edit System Script Schedule

Edit a System Script schedule specified by schedule id.

(The parameters for Edit System Script Schedule are the same as those for Create System Script Schedule, and must include all required parameters plus those with values to update or maintain if their default has been changed.)

PUT

```
/fmi/admin/api/v1/schedules/:schedule_id
```

### Header

Field	Type	Description
-------	------	-------------



Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
Content-Type	String	Only accepts "application/json".

- Header-Example: [#header-examples-Schedules-Edit\_2-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws",
  "Content-Type": "application/json"
}
```

Parameter

Field	Type	Description
taskType	Number	Type of System Script schedule (taskType = 2).
name	String	Schedule name (1-31 characters).
freqType	Number	Schedule run frequency type (1 = Once Only, 2 = Daily or Every n Days, 3 = Weekly).
startDate	String	Schedule start date/time (in "Year-Month-Day-Hour-Minute-Second" 24-hour format).
osScript	String	System script name with full path.
osScriptParamoptional	String	System script parameter.
runOSScriptsAsUseroptional	Boolean	Whether to run system script using a user account instead of default account.
osScriptAccountoptional	String	User account name. Required if "runOSScriptsAsUser" is true.
osScriptPasswordoptional	String	User account password. Required if "runOSScriptsAsUser" is true.
timeoutoptional	Number	Time limit for the script schedule (unit is minutes, "0" means no time limit). Must be an integer from 0 to 1439. The default is 2 minutes.
autoAbortoptional	Boolean	Whether to abort schedule if time limit is reached or server stopped. The default is false.
repeatTaskoptional	Boolean	Whether to repeat the task within a day.
repeatIntervaloptional	Number	Time unit for task repeat frequency (1 for minute, 2 for hour). Required if "repeatTask" is true.
repeatFrequencyoptional	Number	

			Time interval to repeat the task. Required if "repeatTask" is true. Must be an integer from 1 to 60 when repeatInterval = 1 or from 1 to 24 when repeatInterval=2.
daysOfTheWeek	optional	String	Enabled only when freqType = 3. A 7-digit binary string. Each digit's 1 or 0 represents on or off for the corresponding day of the week that the schedule will run. (The value can be from 0000000 to 1111111, but cannot be 0000000 for freqType = 3.) The leftmost binary digit represents Sunday and the final digit represents Saturday. For example, 1001011 indicates the schedule will run Sunday, Wednesday, Friday and Saturday.
dailyDays	optional	Number	Enabled only when freqType = 2. Every how many days the schedule repeats, from 1 to 999. For example, 3 represents every 3 days. The default is 1.
enableEndDate	optional	Boolean	Whether to specify an end date/time for the schedule.
endDate	optional	String	Schedule end date/time (in "Year-Month-Day-Hour-Minute-Second" 24-hour format). Required if "enableEndDate" or "repeatTask" is true.
sendEmail	optional	Boolean	Whether to send email. Note: SMTP configuration is required for sending email.
emailAddresses	optional	String	Email addresses separated by comma. Required if "sendEmail" is true.
enabled	optional	Boolean	Whether schedule is enabled at create/edit. The default is false.

- Request-Example: [#parameter-examples-Schedules-Edit\_2-1\_0\_0-0]

```
{
  "taskType": 2,
  "name": "System Script Schedule",
  "freqType": 3,
  "startDate": "2017-10-12-01-30-00",
  "daysOfTheWeek": 1010101,
  "osScript": "filemac:/Macintosh HD/Library/FileMaker Server/Data/Scripts/system-script.sh",
  "osScriptParam": "blah",
  "runOSScriptsAsUser": true,
  "osScriptAccount": "john",
  "osScriptPassword": "$ometh1ngKant$hare",
  "timeout": 5,
  "autoAbort": true
}
```

Success 200

Field	Type	Description
result	Number	0
schedules	Array	JSON array contains a JSON object of the updated schedule.

- Success-Response: [#success-examples-Schedules-Edit\_2-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0,
  "schedules": [{
```

```
    "dailyDays" : 1,
    "daysOfTheWeek" : 1010101,
    "daysOfTheWeekDetails" : "Sunday; Tuesday; Thursday; Saturday;",
    "emailAddresses" : "",
    "enabled" : "true",
    "freqType" : 3,
    "id": "5",
    "lastError": 0,
    "lastRun" : "0000-00-00 00:480:00 GMT",
    "name" : "System Script Schedule",
    "nextRun" : "2017-10-14 01:30:00 GMT",
    "repeatFrequency" : 10,
    "repeatInterval" : 1,
    "repeatTask" : "false",
    "sendEmail" : "false",
    "startDate" : "2017-10-12 01:30:00",
    "status" : 1,
    "systemScriptType": {
      "autoAbort" : "true",
      "osScript" : "filemac:/Macintosh HD/Library/FileMaker Server/Data/Scripts/system-1.sh",
      "osScriptParam" : "blah",
      "runOSScriptsAsUser" : "true",
      "timeout" : 5,
      "userName" : "john"
    }
    "taskType" : "SYSTEM SCRIPT"
  }
}
```

## Schedules - Edit Verify Schedule

Edit a Verify schedule specified by schedule id.

(The parameters for Edit Verify Schedule are the same as those for Create Verify Schedule, and must include all required parameters plus those with values to update or maintain if their default has been changed.)

PUT

/fmi/admin/api/v1/schedules/:schedule\_id

### Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
Content-Type	String	Only accepts "application/json".

- Header-Example: [#header-examples-Schedules-Edit\_4-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiwudXN0lg1KD2ZuM4Ws",
  "Content-Type": "application/json"
}
```

### Parameter

Field	Type	Description
taskType	Number	

			Type of Verify schedule (taskType = 4).
name		String	Schedule name (1-31 characters).
freqType		Number	Schedule run frequency type (1 = Once Only, 2 = Daily or Every n Days, 3 = Weekly).
startDate		String	Schedule start date/time (in "Year-Month-Day-Hour-Minute-Second" 24-hour format).
target		Number	Database type (2 - all databases, 3 - some databases under a subfolder, 4 - single database).
fromTarget	optional	String	FileMaker database folder path (target = 3) or FileMaker database name (target = 4). Required if target = 3 or 4.
messageText	optional	String	Message content to be sent to FileMaker clients when the database is closing (0 to 200 characters).
timeout	optional	Number	Time delayed before the message is sent (unit is minutes). Must be an integer from 0 to 60. The default is 2 minutes.
repeatTask	optional	Boolean	Whether repeat the task within a day.
repeatInterval	optional	Number	Time unit for task repeat frequency (1 for minute, 2 for hour). Required if "repeatTask" is true.
repeatFrequency	optional	Number	Time interval to repeat the task. Required if "repeatTask" is true. Must be an integer from 1 to 60 when repeatInterval = 1 or from 1 to 24 when repeatInterval=2.
daysOfTheWeek	optional	String	Enabled only when freqType = 3. A 7-digit binary string. Each digit's 1 or 0 represents on or off for the corresponding day of the week that the schedule will run. (The value can be from 0000000 to 1111111, but cannot be 0000000 for freqType = 3.) The leftmost binary digit represents Sunday and the final digit represents Saturday. For example, 1001011 indicates the schedule will run Sunday, Wednesday, Friday and Saturday.
dailyDays	optional	Number	Enabled only when freqType = 2. Every how many days the schedule repeats, from 1 to 999. For example, 3 represents every 3 days. The default is 1.
enableEndDate	optional	Boolean	Whether specify an end date/time for the schedule.
endDate	optional	String	Schedule end date/time (in "Year-Month-Day-Hour-Minute-Second" 24-hour format). Required if "enableEndDate" or "repeatTask" is true.
sendEmail	optional	Boolean	Whether to send mail email. Note: SMTP configuration is required for sending email.
emailAddresses	optional	String	Email addresses separated by comma. Required if "sendEmail" is true

enabled	optional	Boolean	Whether schedule is enabled at create/edit. The default is false.
---------	----------	---------	---

- Request-Example: [#parameter-examples-Schedules-Edit\_4-1\_0\_0-0]

```
{
  "taskType": 4,
  "name": "Verify Sample Database",
  "freqType": 1,
  "startDate": "2017-10-11-13-00-00",
  "target": 4,
  "fromTarget": "file:FMServer_Sample.fmp12"
}
```

Success 200

Field	Type	Description
result	Number	0
schedules	Array	JSON array contains a JSON object of the updated schedule.

- Success-Response: [#success-examples-Schedules-Edit\_4-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0,
  "schedules": [{
    "dailyDays" : 1,
    "daysOfTheWeek" : 00000000,
    "daysOfTheWeekDetails" : "",
    "emailAddresses" : "john.doe@xxx.xxx,jane.doe@xxx.xxx",
    "enabled" : "true",
    "freqType" : 1,
    "id": "7",
    "name" : "Verify Schedule",
    "repeatFrequency" : 10,
    "repeatInterval" : 1,
    "repeatTask" : "false",
    "sendEmail" : "false",
    "startDate" : "2017-10-11-13-00-00",
    "status" : 1,
    "taskType" : "VERIFY",
    "verifyType": {
      "fromTarget" : "file:FMServer_Sample.fmp12",
      "messageText" : "",
      "timeout": 2
    }
  }]
}
```

Schedules - Enable Schedule

Enable a schedule specified by schedule id.

PUT

```
/fmi/admin/api/v1/schedules/:schedule_id/enable
```

Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
Content-Lengthoptional	Number	"Content-Length: 0" is required if the request has no parameters.
Content-Type	String	Only accepts "application/json".

- Header-Example: [#header-examples-Schedules-Enable-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws",
  "Content-Length": 0,
  "Content-Type": "application/json"
}
```

Success 200

Field	Type	Description
result	Number	0
schedule	Object	JSON object contains information for the enabled schedule.

- Success-Response: [#success-examples-Schedules-Enable-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0,
  "schedule": {
    "dailyDays": 1,
    "daysOfTheWeek": "1111111",
    "daysOfTheWeekDetails": "Sunday; Monday; Tuesday; Wednesday; Thursday; Friday; Saturday;",
    "emailAddresses": "john.doe@xxx.xxx,jane.doe@xxx.xxx",
    "enabled": "true",
    "endDate": "2019-10-04 11:20:00",
    "freqType": 3,
    "id": "2",
    "lastError": 10904,
    "lastRun": "0000-00-00 00:00:00",
    "messageType": {
      "fromTarget" : "file:FMServer_Sample",
      "messageText": "Hello World",
      "target": 4
    }
  },
  "name": "aa",
  "nextRun" : "2017-11-17 17:00:00",
  "repeatFrequency": 10,
  "repeatInterval": 1,
  "repeatTask": "true",
  "sendEmail" : "true",
  "startDate": "2017-10-04 11:30:00",
  "status": 1,
  "taskType": "MESSAGE"
}
```

# Schedules - Get Schedule

Get a schedule specified by schedule id.

GET

/fmi/admin/api/v1/schedules/:schedule\_id

## Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.

- Header-Example: [#header-examples-Schedules-Get-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWludIiw.vxF0lg1KD2ZuM4Ws"
}
```

## Success 200

Field	Type	Description
result	Number	0
schedule	Array	JSON object contains detail information about the schedule. For information on individual JSON object fields, please refer to schedule create API input parameter list as well as create success return fields.

- Success-Response: [#success-examples-Schedules-Get-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0,
  "schedule": {
    "backupType": {
      "backupTarget" : "filemac:/Macintosh HD/Library/FileMaker Server/Data/Backups/",
      "clone" : "false",
      "fromTarget" : "All Databases",
      "maxBackups" : 7,
      "verify" : "false"
    }
    "dailyDays" : 1,
    "daysOfTheWeek" : 0000000,
    "daysOfTheWeekDetails" : "",
    "emailAddresses" : "john.doe@xxx.xxx",
    "enableEndDate": true,
    "enabled" : "true",
    "endDate": "2017-10-30-15-05-00",
    "freqType" : 2,
    "id": "2",
    "lastError": 0,
    "lastRun" : "2017-10-07 20:05:00 GMT",
    "name" : "Daily backup",
    "nextRun" : "2017-10-08 20:05:00 GMT",
    "repeatFrequency" : 10,
    "repeatInterval" : 1,
    "repeatTask" : "false",
```

```
    "sendEmail" : "true",
    "startDate" : "2017-10-05 12:05:00",
    "status" : 1,
    "taskType" : "BACKUP"
  }
}
```

## Schedules - List Schedules

List all schedules

GET

/fmi/admin/api/v1/schedules

### Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.

- Header-Example: [#header-examples-Schedules-List-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWludIiw.vxF0lg1KD2ZuM4Ws"
}
```

### Success 200

Field	Type	Description
result	Number	0
schedules	Array	An array of schedules with detailed information.

- Success-Response: [#success-examples-Schedules-List-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0,
  "schedules": [
    {
      "backupType": {
        "backupTarget" : "filemac:/Macintosh HD/Library/FileMaker Server/Data/Backups/",
        "clone" : "false",
        "fromTarget" : "All Databases",
        "maxBackups" : 7,
        "verify" : "false"
      }
      "dailyDays" : 1,
      "daysOfTheWeek" : 0000000,
      "daysOfTheWeekDetails" : "",
      "emailAddresses" : "john.doe@xxx.xxx",
      "enableEndDate": true,
      "enabled" : "true",
      "endDate": "2017-10-30-15-05-00",
      "freqType" : 2,
      "id": "2",
```



```
    "lastError": 0,
    "lastRun" : "2017-10-07 20:05:00 GMT",
    "name" : "Daily backup",
    "nextRun" : "2017-10-08 20:05:00 GMT",
    "repeatFrequency" : 10,
    "repeatInterval" : 1,
    "repeatTask" : "false",
    "sendEmail" : "true",
    "startDate" : "2017-10-05 12:05:00",
    "status" : 1,
    "taskType" : "BACKUP"
  },
  {
    "dailyDays" : 1,
    "daysOfTheWeek" : 1010010,
    "daysOfTheWeekDetails" : "Sunday; Thursday; Friday; ",
    "emailAddresses" : "",
    "enableEndDate": false,
    "enabled" : "false",
    "filemakerScriptType": {
      "autoAbort" : "false",
      "fmScriptAccount" : "",
      "fmScriptName" : "Printable Task List",
      "fmScriptParam" : "",
      "fmScriptPassword" : "",
      "fromTarget" : "file:FMServer_Sample",
      "timeout" : 2
    }
    "freqType" : 2,
    "id": "3",
    "lastError": 0,
    "name" : "FM Script Schedule",
    "repeatFrequency" : 10,
    "repeatInterval" : 1,
    "repeatTask" : "false",
    "sendEmail" : "false",
    "startDate" : "2017-10-05 03:07:00",
    "status" : 1,
    "taskType" : "FILEMAKER SCRIPT"
  }
}]
}
```

## Schedules - Run Schedule

Run a schedule specified by schedule id.

PUT

/fmi/admin/api/v1/schedules/:schedule\_id/run

### Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
Content-Length <span>optional</span>	Number	"Content-Length: 0" is required if the request has no parameters.
Content-Type	String	Only accepts "application/json".

- Header-Example: [#header-examples-Schedules-Run-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws",
  "Content-Length": 0,
  "Content-Type": "application/json"
}
```

Success 200

Field	Type	Description
result	Number	0
schedule	Object	JSON object contains information for the run schedule.

- Success-Response: [#success-examples-Schedules-Run-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0,
  "schedule": {
    "dailyDays": 1,
    "daysOfTheWeek": "1111111",
    "daysOfTheWeekDetails": "Sunday; Monday; Tuesday; Wednesday; Thursday; Friday; Saturday;",
    "emailAddresses": "john.doe@xxx.xxx,jane.doe@xxx.xxx",
    "enabled": "true",
    "endDate": "2019-10-04 11:20:00",
    "freqType": 3,
    "id": "2",
    "lastError": 10904,
    "lastRun": "0000-00-00 00:00:00",
    "messageType": {
      "fromTarget" : "file:FMServer_Sample",
      "messageText": "Hello World",
      "target": 4
    }
    "name": "aa",
    "nextRun" : "2017-11-17 17:00:00",
    "repeatFrequency": 10,
    "repeatInterval": 1,
    "repeatTask": "true",
    "sendEmail" : "true",
    "startDate": "2017-10-04 11:30:00",
    "status": 2,
    "taskType": "MESSAGE"
  }
}
```

# XML Technology

## XML Technology - Configure XML Technology

Configure XML Technology

PATCH

Header

Field	Type	Description
Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
Content-Type	String	Only accepts "application/json".

- Header-Example: [#header-examples-XmlTechnology-Configure\_XML\_Technology-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws",
  "Content-Type": "application/json"
}
```

Parameter

Field	Type	Description
enabled	Boolean	Specifies whether to enable or disable XML technology.

- Request-Example: [#parameter-examples-XmlTechnology-Configure\_XML\_Technology-1\_0\_0-0]

```
{
  "enabled": true
}
```

Success 200

Field	Type	Description
result	Number	0

- Success-Response: [#success-examples-XmlTechnology-Configure\_XML\_Technology-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0
}
```

XML Technology - Get XML Technology Configuration

Get XML Technology Configuration

GET

Header

Field	Type	Description
-------	------	-------------

Authorization	String	The JWT access token must be passed as the bearer token. To use the bearer token, include an Authorization header with the value Bearer <JWT access token>.
---------------	--------	---

- Header-Example: [#header-examples-XmlTechnology-Get\_XML\_Technology\_Configuration-1\_0\_0-0]

```
{
  "Authorization": "Bearer eyJhbGciOiJIUzI1NiI.eyJ1c2VybmFtZSI6ImFkbWluIiw.vxF0lg1KD2ZuM4Ws"
}
```

Success 200

Field	Type	Description
result	Number	0
enabled	Boolean	Indicates whether XML technology is enabled or disabled.

- Success-Response: [#success-examples-XmlTechnology-Get\_XML\_Technology\_Configuration-1\_0\_0-0]

```
HTTP/1.1 200 OK
{
  "result": 0,
  "enabled": false
}
```