

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.eyJ1c2VybmFtZSI6ImFkbWluIiwiaXN0ZW50Lg1KD2ZuM4Ws",
  "Content-Length": 0,
  "Content-Type": "application/json"
}
```

Parameter

| Field | Type | Description |
|-------------------|--------|---|
| messageoptional | String | The text message to send to the client being disconnected. Size range: 0–200 |
| gracetimeoptional | 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 |
|-------------------|--------|---|
| cacheSizeoptional | 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. |
| maxFilesoptional | 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.eyJ1c2VybmFtZSI6ImFkbWluIiwudXN1bG1KD2ZuM4Ws",
  "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 optional | 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 optional | 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 <JWT access token>.</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 optional | 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-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-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.eyJ1c2VybmFtZSI6ImFkbWludIiw.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 optional | String | FileMaker database script parameter. |
| fmScriptAccount optional | String | FileMaker database script account name. |
| fmScriptPassword optional | 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": "$omethingKant$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.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). |
| 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.eyJ1c2VybmFtZSI6ImFkbWluIiw.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 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-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
}
```