

# Using Analytics REST API

## Overview

MobileFirst Foundation Operational Analytics provides REST APIs to help developers with importing (POST) and exporting (GET) analytics data.

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## Analytics REST API

To use the analytics REST API:

### Base URL

```
/analytics-service/rest
```

### Example

```
https://example.com:9080/analytics-service/v3/applogs
```


REST API Method	Endpoint	Description
Application Logs (POST)	/v3/applogs	Creates a new application log.
Application Session (POST)	/v3/appsession	Creates an application session or updates an existing one when reporting with the same appSessionID.
Bulk (POST)	/v3/bulk	Reports events in bulk.
Custom Chart (GET)	/v3/customchart	Exports all custom chart definitions.
Custom Chart (POST)	/v3/customchart/import	Imports a list of custom charts.
Custom Data (POST)	/v3/customdata	Creates new custom data.
Device (POST)	/v3/device	Creates or updates a device.
Export Data (GET)	/v3/export	Exports data to the specified data format.
Network Transaction (POST)	/v3/networktransaction	Creates a new network transaction.

REST API Method	Endpoint	Description
Server Log (POST)	/v3/serverlog	Creates a new server log.
User (POST)	/v3/user	Creates a new user.

## Try it out on Swagger docs

Try out the analytics REST API on Swagger Docs.

In a MobileFirst Server configuration with Analytics enabled, visit: `<ipaddress>:<port>/analytics-service`.


**swagger**

<http://localhost:9080/analytics-service/rest/api-docs/swagger>

**WARNING:**  
Do not use a production datastore name for "x-mfp-analytics-api-key", as it could interfere with production data.

<b>Application Session</b>	Show/Hide	List Operations	Expand Operations
<b>Bulk</b>	Show/Hide	List Operations	Expand Operations
<b>Client Logs</b>	Show/Hide	List Operations	Expand Operations
<b>Custom Chart</b>	Show/Hide	List Operations	Expand Operations
<b>Custom Data</b>	Show/Hide	List Operations	Expand Operations
<b>Device</b>	Show/Hide	List Operations	Expand Operations
<b>Export Data</b>	Show/Hide	List Operations	Expand Operations
<b>Network Transaction</b>	Show/Hide	List Operations	Expand Operations
<b>Server Log</b>	Show/Hide	List Operations	Expand Operations
<b>User</b>	Show/Hide	List Operations	Expand Operations

[ BASE URL: /analytics-service/rest ]

By clicking on **Expand Operations**, you can see the implementation notes, parameters, and response messages for each method.

Warning: Any data that you send by using **Try it out!** might interfere with data already in the data store. If you are not specifically trying to send data to your production environment, use a test name for the `x-mfp-analytics-api-key`.

Client Logs

Show/Hide | List Operations | Expand Operations

POST

/v3/clientlogs

Creates a new Client Log

Implementation Notes

An Client Log is any debug log from the user's application

Parameters

Parameter	Value	Description	Parameter Type	Data Type
body	<div>(required)</div> <div></div> <div>Parameter content type: application/json</div>	body	Model	Example Value
x-mfp-analytics-api-key	TestIndex	Index name of the datastore.	header	string

Response Messages

HTTP Status Code	Reason	Response Model	Headers
202	Client Log created		
400	Invalid Client Log supplied	Model	Example Value

Last modified on