



# SiteUptime.com

RESTful API version 2.0.1

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# SiteUptime.com RESTful API v2.0

## 1. Request format

The RESTful API Endpoint URL is `https://siteuptime.com/api/2.0/`

To request a SiteUptime service:

```
https://siteuptime.com/api/2.0/{method}/{id}
```

All additional request data should be sent in POST/PUT request body in the URL encoded or JSON format.

Example 1 (POST encoded):

```
Name=Monotor%20Name&Service=http&Location=ny&HostName=my-domain.com&CheckPeriod=5&PortNumber=80&Login=&Password=&Content=google&SendSms=1&Enabled=1&SendJabberAlert=0&Domain=&IP=&Timeout=15&SendAlertAfter=1&SendUrlAlert=1&CustomUrlAlert=
```

Example (JSON encoded):

```
{"Name":"Apple","Service":"http","Location":"ny","HostName":" my-domain.com","CheckPeriod":"5","PortNumber":"80","Login":"","Password":"","Content":"google","SendSms":"1","Enabled":"1","SendJabberAlert":"0","Domain":"","IP":"","Timeout":"15","SendAlertAfter":"1","SendUrlAlert":1,"CustomUrlAlert":""}
```

## 2. Response format

The SiteUptime RESTful API always returns JSON in the response body, along with HTTP code as operation result.

A method call returns the following:

```
HTTP/1.1 200 OK
```

```
{"Id":"133","UserId":"298","Name":"Monotor Name","ServiceId":"1","HostName":"your-domain.com","Page":"","CheckPeriod":"5","Timeout":"15","Track403":"n","Track503":"n","InsertDate":"2016-08-17 11:38:20","LastCheckDate":"0000-00-00 00:00:00","LastResult":null,"Uptime":null,"Downtime":null,"AverageResponseTime":null,"SendAlert":"y","SendAltAlert":"n","SupportEmail":"","PhoneNumbers":"","PhoneNumbersCallAlert":"","Enabled":"y","OutageTime":null,"SendSms":"y","CallAlert":"n","PortNumber":"80","CheckPeriodOld":null,"DownSubject":"","OkSubject":"","Domain":"","Content":"google","InverseSearch":"n","StrictSSL":"n","Login":"","Password":"","SendAlertAfter":"1","DontSendUpAlert":"n","DontSendMSUpAlert":"n","SendUrlAlert":"y","CustomUrlAlert":"http://www.ccc/eerr.php","SendJabberAlert":"n","SendPagerdutyAlert":"n","PagerdutyApiKey":"","SendAllDownAlerts":"n","UseStaticIP":"n","UsLocationsOnly":"n","HideSummaryStat":"y","HideStatusStat":"y","ListOrder":"0","Scheduler":"","PstTime":"14.0","DaylightSaving":"y","MappId":"0","Traceroute":"n","UptimePeriod":"","GroupName":null}
```

If an error occurs, the following is returned:

```
HTTP/1.1 406 Validation error
```

```
{"errors":{"CustomUrlAlert":"Invalid Alert Webhook Url."}}
```

## 3. Authentication

Your API key should be provided with every API request in the 'X-Auth-API-Key' header or in the password field of **Basic HTTP Authentication** (leave username empty).

Example 1 ('X-Auth-API-Key' header):

```
GET /api/2.0/monitors/134 HTTP/1.1
Host: www.siteuptime.com
```

```
X-Auth-API-Key: 001b980a0d26a88ce5699c6dd591541b
```

#### Example 2 (Basic HTTP Authentication):

```
GET /api/2.0/monitors/134 HTTP/1.1  
Host: www.siteuptime.com  
Authorization: Basic OjAwMWI5ODBhMGQyNmE4OGNINTY5OWMjZGQ1OTE1NDFi
```

## 4. Response codes

<b>200</b>	Successful request
<b>401</b>	Provided API key does not have permissions to perform request
<b>403</b>	API key is incorrect or missing
<b>404</b>	Resource not found
<b>406</b>	Data validation error (additional information about errors will be provided in response body)

#### Example of response of successful request:

```
HTTP/1.1 200 OK  
Date: Wed, 17 Aug 2016 10:18:41 GMT  
Server: Apache/2.2.17 PHP/5.4.11  
X-Powered-By: PHP/5.4.11  
Content-Length: 2  
Content-Type: application/json
```

#### Example of response of unsuccessful request:

```
HTTP/1.1 406 Validation error  
Date: Wed, 17 Aug 2016 10:25:09 GMT  
Server: Apache/2.2.17 PHP/5.4.11  
X-Powered-By: PHP/5.4.11  
Content-Length: 91  
Content-Type: application/json  
  
{"error":{"HostName":"Incorrect HostName.,"CustomUrlAlert":"Invalid Alert Webhook Url."}}
```

## 5. Monitors list

Returns list of monitors and current status.

### Arguments:

#### HTTP Method

GET

#### API Method

monitors

#### Example Request:

```
GET /api/2.0/monitors HTTP/1.1  
Host: www.siteuptime.com  
X-Auth-API-Key: 001b980a0d26a88ce5699c6dd591541b  
Content-Length: 0
```

#### Example Response:

```
HTTP/1.1 200 OK  
Date: Wed, 17 Aug 2016 09:51:53 GMT  
Server: Apache/2.2.17 PHP/5.4.11  
X-Powered-By: PHP/5.4.11  
Content-Length: 2097  
Content-Type: application/json
```

```
{
  "num_results": 4,
  "monitors": [
    {
      "id": "125",
      "active": "yes",
      "name": "Facebook",
      "host": "facebook.com",
      "service": "https",
      "port": "0",
      "period": "5",
      "location": "og",
      "timeout": "25",
      "downsubject": "",
      "upsubject": "",
      "altemailalerts": "",
      "sendalertafter": "1",
      "dontsendupalert": "no",
      "sendurlalert": "yes",
      "sendjabberalert": "no",
      "sendalldownalerts": "yes",
      "sendsms": 0,
      "phonenumbers": "",
      "callalert": 0,
      "phonenumberscallalert": "",
      "enablepublicstatistics": "no",
      "addtostatuspage": "yes",
      "numchecks": 0,
      "numoutages": 0,
      "numfailures": 0,
      "uptime": "undefined",
      "current_status": "n/a",
      {
        "id": "132",
        "active": "yes",
        "name": "Google",
        "host": "google.com",
        "service": "http",
        "port": "80",
        "period": "5",
        "location": "ny",
        "timeout": "15",
        "downsubject": "",
        "upsubject": "",
        "altemailalerts": "",
        "sendalertafter": "1",
        "dontsendupalert": "no",
        "sendurlalert": "yes",
        "sendjabberalert": "no",
        "sendalldownalerts": "yes",
        "sendsms": 1,
        "phonenumbers": "",
        "callalert": 0,
        "phonenumberscallalert": "",
        "enablepublicstatistics": "no",
        "addtostatuspage": "no",
        "numchecks": 0,
        "numoutages": 0,
        "numfailures": 0,
        "uptime": "undefined",
        "current_status": "n/a",
      },
      {
        "id": "133",
        "active": "yes",
        "name": "Bing",
        "host": "bing.com",
        "service": "http",
        "port": "0",
        "period": "5",
        "location": "ny",
        "timeout": "15",
        "downsubject": "",
        "upsubject": "",
        "altemailalerts": "",
        "sendalertafter": "1",
        "dontsendupalert": "no",
        "sendurlalert": "yes",
        "sendjabberalert": "no",
        "sendalldownalerts": "no",
        "sendsms": 1,
        "phonenumbers": "",
        "callalert": 0,
        "phonenumberscallalert": "",
        "enablepublicstatistics": "no",
        "addtostatuspage": "no",
        "numchecks": 0,
        "numoutages": 0,
        "numfailures": 0,
        "uptime": "undefined",
        "current_status": "n/a",
      },
      {
        "id": "134",
        "active": "yes",
        "name": "Twitter",
        "host": "twitter.com",
        "service": "https",
        "port": "0",
        "period": "5",
        "location": "ny",
        "timeout": "15",
        "downsubject": "",
        "upsubject": "",
        "altemailalerts": "",
        "sendalertafter": "1",
        "dontsendupalert": "no",
        "sendurlalert": "yes",
        "sendjabberalert": "no",
        "sendalldownalerts": "no",
        "sendsms": 1,
        "phonenumbers": "",
        "callalert": 0,
        "phonenumberscallalert": "",
        "enablepublicstatistics": "no",
        "addtostatuspage": "no",
        "numchecks": 0,
        "numoutages": 0,
        "numfailures": 0,
        "uptime": "undefined",
        "current_status": "n/a"
      }
    ]
  }
}
```

Or error response.

## 6. Monitor data

Returns data for one monitor and its current status.

### Arguments:

#### HTTP Method

GET

#### API Method

monitors/{monitor\_id}

#### Example Request:

```
GET /api/2.0/monitors/125 HTTP/1.1
Host: www.siteuptime.com
X-Auth-API-Key: 001b980a0d26a88ce5699c6dd591541b
Content-Length: 0
```

#### Example Response:

```
HTTP/1.1 200 OK
Date: Wed, 17 Aug 2016 09:54:46 GMT
Server: Apache/2.2.17 PHP/5.4.11
X-Powered-By: PHP/5.4.11
Content-Length: 521
Content-Type: application/json

{"id": "125", "active": "yes", "name": "Facebook", "host": "facebook.com", "service": "https", "port": "0", "period": "5", "location": "og", "timeout": "25", "downsubject": "", "upsubject": "", "altemailalerts": "", "sendalertafter": "1", "dontsendupalert": "no", "sendurlalert": "yes", "sendjabberalert": "no", "sendalldownalerts": "yes", "sendsms": 0, "phonenumbers": "", "callalert": 0, "phonenumberscallalert": "", "enablepublicstatistics": "no", "addtostatuspage": "yes", "numchecks": 0, "numoutages": 0, "numfailures": 0, "uptime": "undefined", "current_status": "n/a"}
```

Or error response.

## 7. Failures

Returns list of failures for a monitor.

### Arguments:

#### HTTP Method

GET

#### API Method

monitors/{monitor\_id}/failures/ (Last 50 failures)  
 monitors/{monitor\_id}/failures/{YYYY-MM-DD} (Failures by date)

**Example Request:**

```
GET /api/2.0/monitors/125/failures/2016-08-23 HTTP/1.1
Host: www.siteuptime.com
X-Auth-API-Key: 001b980a0d26a88ce5699c6dd591541b
Content-Length: 0
```

**Example Response:**

```
HTTP/1.1 200 OK
Date: Wed, 17 Aug 2016 09:54:46 GMT
Server: Apache/2.2.17 PHP/5.4.11
X-Powered-By: PHP/5.4.11
Content-Length: 277
Content-Type: application/json

[{"ErrorMessage": "Connection timed out", "RespTime": "27.088", "UserServiceId": "125", "FailureDate": "2016-08-23 19:15:45"}, {"ErrorMessage": "Connection timed out", "RespTime": "25.042", "UserServiceId": "125", "FailureDate": "2016-08-23 19:13:42"}]
```

Or error response.

## 8. Add new monitor

Add new monitor to account.

**Arguments:****HTTP Method**

POST

**API Method (required)**

monitors

**POST data:****Name (required)**

Service name.

**Service (required)**

Service type. Available values are: http, smtp, ftp, pop3, https, ping, dns, customport

**Location (required)**

Location code:

<b>Code</b>	<b>Check Location</b>
sf	United States, San Francisco
og	United States, Oregon
ny	United States, New York
ln	United Kingdom, London
sg	Singapore, Singapore
sp	Brazil, Sao Paulo
au	Australia, Sydney
tj	Japan, Tokyo

**HostName (required)**

Monitored Host name, IP or Page URL.

**CheckPeriod (required)**

Monitoring check period. Available values include: 2, 5, 15, 30, 60

**PortNumber (optional)**

Custom port number. Default service port will be used by default.

**Login (optional)**

HTTP Authentication login. Used for 'http' and https services only.

**Password (optional)**

HTTP Authentication password. Used for 'http' and https services only.

**Content (optional)**

Monitored page content. Used for 'http' and 'https' services only.

**Domain** (optional)

Lookup domain. Used for 'dns' services only.

**IP** (optional)

Lookup domain. Used for 'dns' services only. Required if 'Domain' is not empty.

**SendSms** (optional)

0 or 1. Send SMS alerts on failures. Default value is '0'.

**PhoneNumbers** (optional)

You may add additional mobile numbers to which sms alerts should be sent. Separate multiple numbers with a comma. Enter country code + area code + number (no leading zero, no spaces).

**CallAlert** (optional)

0 or 1. Call alerts on failures. Default value is '0'.

**PhoneNumbersCallAlert** (optional)

You may add additional mobile numbers to which call alerts should be sent. Separate multiple numbers with a comma. Enter country code + area code + number (no leading zero, no spaces). For example: 16145555555

**Important:** This feature is only available for US phone numbers.

**SendUrlAlert** (optional)

0 or 1. Send Url (JSON) alerts on failures to Url specified on *My Profile* section. Default value is '0'.

**CustomUrlAlert** (optional)

Custom URL for 'Url Alert' that will be used instead of default Url specified on *My Profile* section.

**SendJabberAlert** (optional)

0 or 1. Send XMPP/Jabber alerts on failures to Jabber ID specified on *My Profile* section. Default value is '0'.

**SendAlert** (optional)

0 or 1. Send email alerts on failures to Email specified on *My Profile* section. Default value is '1'.

**SendAltAlert** (optional)

0 or 1. Send email alerts on failures to **AltEmailAlerts** email. Default value is '0'.

**AltEmailAlerts** (optional)

Alternative Email alerts addresses separated with comma.

**DontSendUpAlert** (optional)

0 or 1. Set to '1' if you do not want to receive 'Up' alerts for a monitor. Default value is '0'.

**SendAllDownAlerts** (optional)

0 or 1. Set to '1' if you want to receive 'Down' alert on each failure check. Default value is '0'.

**Enabled** (optional)

0 or 1. Monitor is enabled or not. Default value is '1'.

**SendAlertAfter** (optional)

Send alerts after specified number of failures. Available values are: 1, 2, 3, 4, 5. Default value is 1.

**DownSubject** (optional)

Email subject value for 'Down' alerts. Default subject will be used if empty.

**UpSubject** (optional)

Email subject value for 'Up' alerts. Default subject will be used if empty.

**EnablePublicStatistics** (optional)

0 or 1. Allow/Deny visitor to see public statistics report. Default value is '1' (allow).

**AddToStatusPage** (optional)

0 or 1. Add/remove monitor to/from your public summary status report. Default value is '1' (add).

**Timeout** (optional)

Monitor socket connection timeout value in seconds. Available values are: 15, 20, 25, 30, 35. Default value is 25.

**Track403** (optional)

0 or 1. Track 403 response as a failure.

**Track503** (optional)

0 or 1. Track 503 response as a failure.

**Traceroute** (optional)

0 or 1. Perform traceroute on failures.

**SendPagerdutyAlert** (optional)

0 or 1. Set to 1 to enable this option. Default value is '0'.

**PagerdutyApiKey** (optional)

Set to your Pagerduty API key.

### Example Request:

```
POST /api/2.0/monitors HTTP/1.1
Host: www.siteuptime.com
X-Auth-API-Key: 001b980a0d26a88ce5699c6dd591541b
Content-Length: 281

Name=Apple&Service=http&Location=ny&HostName=apple.com&CheckPeriod=5&PortNumber=80&Login=&Password=
&Content=google&SendSms=1&Enabled=1&SendJabberAlert=0&Domain=&IP=&Timeout=15&SendAlertAfter=1&SendUr
lAlert=1&CustomUrlAlert=http%3A%2F%2Fwww.my-domain.com%2Fwebhook.php%3Fmon%3Dapple
```

### Example Response:

```
HTTP/1.1 200 OK
Date: Wed, 17 Aug 2016 10:03:24 GMT
Server: Apache/2.2.17 PHP/5.4.11
X-Powered-By: PHP/5.4.11
Content-Length: 1091
Content-Type: application/json

{"Id":"136","UserId":"298","Name":"Apple","ServiceId":"1","HostName":"apple.com","Page":"","CheckPeriod":"5","Timeo
ut":"15","Track403":"n","Track503":"n","InsertDate":"2016-08-17 16:03:24","LastCheckDate":"0000-00-00
00:00:00","LastResult":null,"Uptime":null,"Downtime":null,"AverageResponseTime":null,"SendAlert":"y","SendAltAlert":
"n","SupportEmail":"","PhoneNumbers":"","PhoneNumbersCallAlert":"","Enabled":"y","OutageTime":null,"SendSms":"y",
"CallAlert":"n","PortNumber":"80","CheckPeriodOld":null,"DownSubject":"","OkSubject":"","Domain":"","Content":"googl
e","InverseSearch":"n","StrictSSL":"n","Login":"","Password":"","SendAlertAfter":"1","DontSendUpAlert":"n","DontSendS
MSUpAlert":"n","SendUrlAlert":"y","CustomUrlAlert":"http://www.my-
domain.com/webhook.php?mon=apple","SendJabberAlert":"n","SendPagerdutyAlert":"n","PagerdutyApiKey":"","SendAl
lDownAlerts":"n","UseStaticIP":"n","UsLocationsOnly":"n","HideSummaryStat":"y","HideStatusStat":"y","ListOrder":"0",
Scheduler":"","PstTime":"14.0","DaylightSaving":"y","MappId":"0","Traceroute":"n","UptimePeriod":"","GroupName":null
}
```

## 9. Edit monitor

Edit an existing monitor.

### Arguments:

#### HTTP Method

PUT

**method** (required)

monitors/{monitor\_id}

#### POST data:

See 'Add new monitor' section.

### Example Request:

```
PUT /api/2.0/monitors/136 HTTP/1.1
Host: www.siteuptime.com
X-Auth-API-Key: 001b980a0d26a88ce5699c6dd591541b
Content-Length: 281

Name=Apple&Service=http&Location=sf&HostName=apple.com&CheckPeriod=5&PortNumber=80&Login=&Password=
&Content=google&SendSms=1&Enabled=1&SendJabberAlert=0&Domain=&IP=&Timeout=15&SendAlertAfter=1&SendUr
lAlert=1&CustomUrlAlert=http%3A%2F%2Fwww.my-domain.com%2Fwebhook.php%3Fmon%3Dapple
```

### Example Response:

```
HTTP/1.1 200 OK
Date: Wed, 17 Aug 2016 10:14:41 GMT
Server: Apache/2.2.17 PHP/5.4.11
X-Powered-By: PHP/5.4.11
Content-Length: 1091
```



Content-Type: application/json

```
{ "Id": "136", "UserId": "298", "Name": "Apple", "ServiceId": "1", "HostName": "apple.com", "Page": "", "CheckPeriod": "5", "Timeout": "15", "Track403": "n", "Track503": "n", "InsertDate": "2016-08-17 16:14:41", "LastCheckDate": "0000-00-00 00:00:00", "LastResult": null, "Uptime": null, "Downtime": null, "AverageResponseTime": null, "SendAlert": "y", "SendAltAlert": "n", "SupportEmail": "", "PhoneNumbers": "", "PhoneNumbersCallAlert": "", "Enabled": "y", "OutageTime": null, "SendSms": "y", "CallAlert": "n", "PortNumber": "80", "CheckPeriodOld": null, "DownSubject": "", "OkSubject": "", "Domain": "", "Content": "google", "InverseSearch": "n", "StrictSSL": "n", "Login": "", "Password": "", "SendAlertAfter": "1", "DontSendUpAlert": "n", "DontSendMSUpAlert": "n", "SendUrlAlert": "y", "CustomUrlAlert": "http://www.my-domain.com/webhook.php?mon=apple", "SendJabberAlert": "n", "SendPagerdutyAlert": "n", "PagerdutyApiKey": "", "SendAllDownAlerts": "n", "UseStaticIP": "n", "UsLocationsOnly": "n", "HideSummaryStat": "y", "HideStatusStat": "y", "ListOrder": "0", "Scheduler": "", "PstTime": "14.0", "DaylightSaving": "y", "MappId": "0", "Traceroute": "n", "UptimePeriod": "", "GroupName": null }
```

## 10. Remove monitor

Remove existing monitor from account with all history statistics.

### HTTP Method

DELETE

**method** (required)

monitors/{monitor\_id}

Example Request:

```
DELETE /api/2.0/monitors/136 HTTP/1.1
Host: www.siteuptime.com
X-Auth-API-Key: 001b980a0d26a88ce5699c6dd591541b
Content-Length: 0
```

Example Response:

```
HTTP/1.1 200 OK
Date: Wed, 17 Aug 2016 10:18:41 GMT
Server: Apache/2.2.17 PHP/5.4.11
X-Powered-By: PHP/5.4.11
Content-Length: 2
Content-Type: application/json

{ }
```