SiteUptime.com

RESTful API version 2.0
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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=Monitor%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):

```
```

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

```

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
```

Example 2 (Basic HTTP Authentication):

```
GET /api/2.0/monitors/134 HTTP/1.1
Authorization: Basic base64EncryptedPassword
Host: www.siteuptime.com
```
Example 2 (Basic HTTP Authentication):
GET /api/2.0/monitors/134 HTTP/1.1
Host: www.siteuptime.com
Authorization: Basic OjAwMWI5ODBhMGQvNmE4OGNINTY5OWMzZGQzOTEtNDFi

4. Response codes

200 Successful request
401 Provided API key does not have permissions to perform request
403 API key is incorrect or missing
404 Resource not found
406 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: 001b980aod26a88ce5699c6dd591541b
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
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":"","sendalertiafter":1,"donsendalertiafter":0,"sendalldownalerts":yes,"sendsms":0,"phonenumbers":","callalert":0,"phonenumberscallalert":","enablepublicstatistics":false,"numchecks":0,"numoutages":0,"numfailures":0,"uptime":"undefined","current_status":"n/a"}

Or error response.

7. 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:
  - 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: 1614555555

  **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)
SendAllDownAlerts (optional)

0 or 1. Set to ‘1’ if you do not what to receive ‘Up’ alerts for a monitor. Default value is ‘0’.

Enabled (optional)

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

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.

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&Enable=1&SendJabberAlert=0&Domain=&IP=&Timeout=15&SendAlertAfter=1&SendUr

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","Timeout":"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":"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":"","SendAlDownAlerts":"n","UseStaticIP":"n","UsLocationsOnly":"n","HideSummaryStat":"y","HideStatusStat":"y","ListOrder":"0","Scheduler":"","PstTime":"14.0","DaylightSaving":"y","MappId":"0","Traceroute":"n","UptimePeriod":"","GroupName":null

8. 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: 001b98o0d26a88e5699c6dd591541b
Content-Length: 281

Name=Apple&Service=http&Location=sf&HostName=apple.com&CheckPeriod=5&PortNumber=80&Login=&Password=&Content=google&SendSms=1&SendJabberAlert=0&Domain=&IP=&Timeout=15&SendAlertAfter=1&SendUrlAlert=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","DontSendSmsUpAlert":"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":null,"Traceroute":null,"UptimePeriod":null,"GroupName":null}
```

9. 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: 001b98o0d26a88e5699c6dd591541b
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

{}
```