QoS API (1.0.0)

Download OpenAPI specification: | Download |

E-mail: h.dashtabadi@gmail.com | Terms of Service

quality of service measurement tool using ping,curl,selenium chrome driver and ddosify to extract some parameters such as latency,page load timing,jitter,throughput,hopcount ...

Authentication

Bearer

Security Scheme Type	API Key
Header parameter name:	Authorization

api

get qos params

last site qos parameters been created

AUTHORIZATIONS: **Bearer**

Responses

✓ 200 QoS test result

RESPONSE SCHEMA: application/json

⊣ id	integer (ID)
⊣ site_url required	string (Site url) `[ 1 .. 120 ] characters`
⊣ ping_count	integer (Ping count)
⊣ ping_timeout	string <decimal> (Ping timeout)
⊣ ping_algorithm	string (Ping algorithm) `[ 1 .. 13 ] characters`
⊣ ddosify_count	integer (Ddosify count)
⊣ ddosify_duration	integer (Ddosify duration)
⊣ ddosify_timeout	integer (Ddosify timeout)
⊣ async_view	boolean (Async view)
⊣ qos_parameters	string (Qos parameters)

GET `/api/`   ⌄

Response samples

200

Content type

application/json

Copy   Expand all   Collapse all

```
{
    "id": 23,
    "site_url": "https://www.example.com/",
    "ping_count": 5,
    "ping_timeout": "0.5",
    "ping_algorithm": "binary_search",
```

```
    "ddosify_count": 100,
    "ddosify_duration": 5,
    "ddosify_timeout": 1,
    "async_view": true,
  - "qos_parameters": {
    +  "ping_resault": { … },
    +  "selenium_resault": { … },
    +  "curl_resault": { … },
    +  "ddosify_resault": { … }
    }
  }
```

register user

email and username myst be unique

AUTHORIZATIONS: **Bearer**

REQUEST BODY SCHEMA: multipart/form-data

---

username
required

string `[ 1 .. 150 ] characters` ^[\w.@+-]+$
Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.

---

password
required

string `non-empty`
Leave empty if no change needed

---

password2
required

string `non-empty`

---

email
required

string <email> `non-empty`

---

first_name
required

string `<= 150 characters`

---

last_name
required

string `<= 150 characters`

Responses

∨ **200** Registeriation result

RESPONSE SCHEMA: application/json

├─ username
│ required

string (Username) `[ 1 .. 150 ] characters` ^[\w.@+-]+$
Required. 150 characters or fewer. Letters, digits and @/./+/-/_ only.

├─ password
│ required

string (Password) `non-empty`
Leave empty if no change needed

├─ password2
│ required

string (Password2) `non-empty`

├─ email
│ required

string <email> (Email) `non-empty`

├─ first_name
│ required

string (First name) `<= 150 characters`

└─ last_name
   required

string (Last name) `<= 150 characters`

POST `/api/api-register` ⌄

Response samples

200

Content type
application/json

Copy   Expand all   Collapse all

```
{
    "username": "sher221Block",
    "email": "ceef@dsg.com",
    "first_name": "sherlock",
    "last_name": "holmes"
}
```

Bearer Token

AUTHORIZATIONS: Bearer

REQUEST BODY SCHEMA: multipart/form-data

⌐ username
  required   string `non-empty`

⌐ password
  required   string `non-empty`

Responses

> — **200** authenticated, Bearer token is here !

POST	/api/auth/	⌄

user detail

token authentication needed

Responses

> — **200**

GET	/api/get-details	⌄

qos parameters of all ids

get paginated list of all id qos params

QUERY PARAMETERS

limit

integer

Number of results to return per page.

offset

integer

The initial index from which to return the results.

Responses

✓ **200** QoS test result

RESPONSE SCHEMA: application/json

id

integer (ID)

site_url
required

string (Site url)   [1 .. 120] characters

ping_count

integer (Ping count)

ping_timeout

string <decimal> (Ping timeout)

ping_algorithm

string (Ping algorithm)   [1 .. 13] characters

ddosify_count

integer (Ddosify count)

ddosify_duration

integer (Ddosify duration)

ddosify_timeout

integer (Ddosify timeout)

async_view

boolean (Async view)

qos_parameters

string (Qos parameters)

GET   /api/products/   ⌄

Response samples

```
200
```

Content type

application/json

Copy   Expand all   Collapse all

```
{
    "id": 23,
    "site_url": "https://www.example.com/",
    "ping_count": 5,
    "ping_timeout": "0.5",
    "ping_algorithm": "binary_search",
    "ddosify_count": 100,
    "ddosify_duration": 5,
    "ddosify_timeout": 1,
    "async_view": true,
  - "qos_parameters": {
    + "ping_resault": { … },
    + "selenium_resault": { … },
    + "curl_resault": { … },
    + "ddosify_resault": { … }
    }
}
```

extract qos parameters of a site

AUTHORIZATIONS: Bearer

REQUEST BODY SCHEMA: application/json

⊣ site_url

string

web site url address

⊣ ping_count

integer

number of packets to transmit

⊣ ping_timeout

number

Timeout in seconds to wait for each reply

⊣ ping_algorithm

string

{linear_search} or {binary_search} represents how to find hop counts

⊣ dosify_count	integer
	total requset count
⊣ dosify_duration	integer
	Test duration in seconds.
⊣ dosify_timeout	integer
	Timeout per request in seconds.
⊣ async_view	boolean
	async and threading to improve performance

Responses

✓ **200** QoS test result

RESPONSE SCHEMA: application/json

⊣ id	integer (ID)
⊣ site_url required	string (Site url) [1 .. 120] characters
⊣ ping_count	integer (Ping count)
⊣ ping_timeout	string <decimal> (Ping timeout)
⊣ ping_algorithm	string (Ping algorithm) [1 .. 13] characters
⊣ ddosify_count	integer (Ddosify count)
⊣ ddosify_duration	integer (Ddosify duration)
⊣ ddosify_timeout	integer (Ddosify timeout)
⊣ async_view	boolean (Async view)
⊣ qos_parameters	string (Qos parameters)

POST	/api/products/	⌄

Request samples

Payload

Content type

application/json

Copy   Expand all   Collapse all

```json
{
    "site_url": "https://www.example.com/",
    "ping_count": 5,
    "ping_timeout": "0.5",
    "ping_algorithm": "binary_search",
    "dosify_count": 100,
    "dosify_duration": 5,

    "dosify_timeout": 1,
    "async_view": true
}
```

Response samples

200

Content type

application/json

Copy   Expand all   Collapse all

```json
{
    "id": 23,
    "site_url": "https://www.example.com/",
    "ping_count": 5,
    "ping_timeout": "0.5",
    "ping_algorithm": "binary_search",
    "ddosify_count": 100,
    "ddosify_duration": 5,
    "ddosify_timeout": 1,
    "async_view": true,
  - "qos_parameters": {
      + "ping_resault": { … },
      + "selenium_resault": { … },
      + "curl_resault": { … },
      + "ddosify_resault": { … }
    }
}
```

get id qos params

qos parameters of specified id

PATH PARAMETERS

⊣ id
required
     integer
A unique integer value identifying this qo s.

Responses

∨ **200**

RESPONSE SCHEMA: application/json

⊣ id   integer (ID)

⊣ site_url
required
     string (Site url)   [1 .. 120] characters

⊣ ping_count   integer (Ping count)

⊣ ping_timeout   string <decimal> (Ping timeout)

⊣ ping_algorithm   string (Ping algorithm)   [1 .. 13] characters

⊣ ddosify_count   integer (Ddosify count)

⊣ ddosify_duration   integer (Ddosify duration)

⊣ ddosify_timeout   integer (Ddosify timeout)

⊣ async_view   boolean (Async view)

⊣ qos_parameters   string (Qos parameters)

GET   /api/products/{id}/

Response samples

Content type

application/json

Copy   Expand all   Collapse all

```json
{
    "id": 0,
    "site_url": "string",
    "ping_count": 0,
    "ping_timeout": "string",
    "ping_algorithm": "string",
    "ddosify_count": 0,
    "ddosify_duration": 0,
    "ddosify_timeout": 0,
    "async_view": true,
    "qos_parameters": "string"
}
```

complete remove id object

AUTHORIZATIONS: **Bearer**

PATH PARAMETERS

⊣ id
required

integer

A unique integer value identifying this qo s.

Responses

— **204** onject deleted successfully

DELETE   `/api/products/{id}/delete/`   ⌄

change allarguments of a existed id

PATH PARAMETERS

⊣ id
   required

integer

A unique integer value identifying this qo s.

REQUEST BODY SCHEMA: application/json

⊣ site_url

string

web site url address

⊣ ping_count

integer

number of packets to transmit

⊣ ping_timeout

number

Timeout in seconds to wait for each reply

⊣ ping_algorithm

string

{linear_search} or {binary_search} represents how to find hop counts

⊣ dosify_count

integer

total requset count

⊣ dosify_duration

integer

Test duration in seconds.

⊣ dosify_timeout

integer

Timeout per request in seconds.

⊣ async_view

boolean

async and threading to improve performance

Responses

⌄ **200** QoS test result

RESPONSE SCHEMA: application/json

```
 ⊣ id                    integer (ID)

 ⊢ site_url              string (Site url)  [ 1 .. 120 ] characters
   required

 ⊣ ping_count            integer (Ping count)

 ⊣ ping_timeout          string <decimal> (Ping timeout)

 ⊣ ping_algorithm        string (Ping algorithm)  [ 1 .. 13 ] characters

 ⊣ ddosify_count         integer (Ddosify count)

 ⊣ ddosify_duration      integer (Ddosify duration)

 ⊣ ddosify_timeout       integer (Ddosify timeout)

 ⊣ async_view            boolean (Async view)

 ⊣ qos_parameters        string (Qos parameters)
```

| PUT | /api/products/{id}/update/ | ⌄ |

Request samples

Payload

Content type
application/json

Copy   Expand all   Collapse all

```json
{
    "site_url": "https://www.example.com/",
    "ping_count": 5,
    "ping_timeout": "0.5",
    "ping_algorithm": "binary_search",
    "dosify_count": 100,
    "dosify_duration": 5,
    "dosify_timeout": 1,
    "async_view": true
}
```

Response samples

Content type

application/json

Copy   Expand all   Collapse all

```json
{
    "id": 23,
    "site_url": "https://www.example.com/",
    "ping_count": 5,
    "ping_timeout": "0.5",
    "ping_algorithm": "binary_search",
    "ddosify_count": 100,
    "ddosify_duration": 5,
    "ddosify_timeout": 1,
    "async_view": true,


  - "qos_parameters": {
    + "ping_resault": { … },
    + "selenium_resault": { … },
    + "curl_resault": { … },
    + "ddosify_resault": { … }
    }
}
```

change only declared arguments

AUTHORIZATIONS: Bearer

PATH PARAMETERS

⊣ id
required

integer

A unique integer value identifying this qo s.

REQUEST BODY SCHEMA: application/json

⊣ site_url

string

web site url address

⊣ ping_count

integer

number of packets to transmit

ping_timeout	number
	Timeout in seconds to wait for each reply

ping_algorithm	string
	{linear_search} or {binary_search} represents how to find hop counts

dosify_count	integer
	total requset count

dosify_duration	integer
	Test duration in seconds.

dosify_timeout	integer
	Timeout per request in seconds.

async_view	boolean
	async and threading to improve performance

Responses

✓ **200** QoS test result

RESPONSE SCHEMA: application/json

id	integer (ID)

site_url required	string (Site url) `[ 1 .. 120 ] characters`

ping_count	integer (Ping count)

ping_timeout	string <decimal> (Ping timeout)

ping_algorithm	string (Ping algorithm) `[ 1 .. 13 ] characters`

ddosify_count	integer (Ddosify count)

ddosify_duration	integer (Ddosify duration)

ddosify_timeout	integer (Ddosify timeout)

async_view	boolean (Async view)

qos_parameters	string (Qos parameters)

PATCH `/api/products/{id}/update/` ⌄

Request samples

Payload

Content type

application/json

Copy   Expand all   Collapse all

```json
{
    "site_url": "https://www.example.com/",
    "ping_count": 5,
    "ping_timeout": "0.5",
    "ping_algorithm": "binary_search",

    "dosify_count": 100,
    "dosify_duration": 5,
    "dosify_timeout": 1,
    "async_view": true
}
```

Response samples

200

Content type

application/json

Copy   Expand all   Collapse all

```json
{
    "id": 23,
    "site_url": "https://www.example.com/",
    "ping_count": 5,
    "ping_timeout": "0.5",
    "ping_algorithm": "binary_search",
    "ddosify_count": 100,
    "ddosify_duration": 5,
    "ddosify_timeout": 1,
    "async_view": true,
  - "qos_parameters": {
      + "ping_resault": { … },
      + "selenium_resault": { … },
```

```
        +   "curl_resault": { … },
        +   "ddosify_resault": { … }
     }
}
```