

Rackping API 2.0

Document Version 2.0

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Paths

GET /

Summary

API Info

Responses

Code	Description
200	Expected response to a valid request
default	unexpected error

Try this operation

GET /actions

Actions

Summary

Get Actions

Description

Returns a list of actions (alerts) that have been generated for your account.

Parameters

Name	Located in	Description	Required	Schema
from	query	Return only results with timestamp of first test greater or equal to this value. Format is UNIX timestamp.	No	integer
to	query	Return only results with timestamp of first test less or equal to this value. Format is UNIX timestamp.	No	integer
limit	query	Limits the number of returned results to the specified quantity.	No	integer
offset	query	Offset for listing. (Requires limit.)	No	integer
checkids	query	Comma-separated list of check identifiers. Limit results to actions generated from these checks.	No	string
contactids	query	Comma-separated list of contact identifiers. Limit results to actions sent to these contacts.	No	string
status	query	Comma-separated list of statuses. Limit results to actions with these statuses. (sent, delivered, error, not_delivered, no_credits)	No	string

Name	Located in	Description	Required	Schema
via	query	Comma-separated list of via mediums. Limit results to actions with these mediums. (email, sms, twitter, iphone, android)	No	string

Responses

Code	Description
200	OK

[Try this operation](#)

GET /analysis/{checkid}

Analysis

Summary

Get Root Cause Analysis Results List

Description

Returns a list of the latest root cause analysis results for a specified check.

Parameters

Name	Located in	Description	Required	Schema
checkid	path	checkid	Yes	integer (int32)
from	query	Return only results with timestamp of first test greater or equal to this value. Format is UNIX timestamp.	No	integer
limit	query	Limits the number of returned results to the specified quantity.	No	integer
offset	query	Offset for listing. (Requires limit.)	No	integer
to	query	Return only results with timestamp of first test less or equal to this value. Format is UNIX timestamp.	No	integer

Responses

Code	Description	Schema
200	OK	
default	unexpected error	<pre>▼Error { statuscode: integer * statusdesc: string * errormessage: string * }</pre>

[Try this operation](#)

GET /checks

Checks

Summary

Get Check List

Description

Returns a list overview of all checks.

Parameters

Name	Located in	Description	Required	Schema
include_tags	query	Include tag list for each check. Tags can be marked as 'a' or 'u', for auto tagged or user tagged.	No	boolean
limit	query	Limits the number of returned probes to the specified quantity. (Max value is 25000)	No	integer
offset	query	Offset for listing. (Requires limit.)	No	integer
tags	query	Tag list separated by commas. As an example 'nginx,apache' would filter out all responses except those tagged nginx or apache.	No	string

Responses

Code	Description
200	OK
404	Not found
default	unexpected error

[Try this operation](#)

POST /checks

Checks

Summary

Checks {checkId}

Description

Modify multiple checks.

Parameters

Name	Located in	Description	Required Schema	
checkIds	query	comma-separated checkIds	Yes	string
paused	query	pause list of checks	No	boolean
resolution	query	interval in minutes	No	integer (int32)
start_maintenance	query	start of maintenance period - do not send alerts and show blue region on graphs	No	string
end_maintenance	query	end of maintenance period - do not send alerts and show blue region on graphs	No	string

Responses

Code	Description
200	OK
404	Not found
default	unexpected error

[Try this operation](#)

DELETE /checks/{checkId}

Checks

Summary

Checks {checkId}

Description

Deletes a check.

Parameters

Name	Located in	Description	Required	Schema
checkId	path	None	Yes	integer (int32)

Responses

Code	Description
204	Expected response to a valid request
404	Not found
default	unexpected error

Try this operation

GET /checks/{checkId}

Checks

Summary

Checks {checkId}

Description

Gets info about a check, current SLA, last result and its status.

Parameters

Name	Located in	Description	Required	Schema
checkId	path	None	Yes	integer (int32)

Responses

Code	Description
200	OK
404	Not found
default	unexpected error

[Try this operation](#)

GET /contacts

Contacts

Summary

Get Contacts List

Description

Returns a list of all contacts.

Parameters

Name	Located in	Description	Required	Schema
limit	query	Limits the number of returned contacts to the specified quantity.	No	integer
offset	query	Offset for listing. (Requires limit.)	No	integer

Responses

Code	Description
200	OK
404	Not found
default	unexpected error

[Try this operation](#)

GET /contacts/{id}

Contacts

Summary

Get a Specific Contact

Description

Get a Specific Contact

Parameters

Name	Located in	Description	Required	Schema
id	path	The ID of the contact to retrieve	Yes	integer

Responses

Code	Description
200	OK

[Try this operation](#)

POST /contacts

Contacts

Summary

Create a Contact

Description

Create a Contact

Parameters

Name	Located in	Description	Required	Schema
name	formData	Name	No	string
email	formData	Email	No	string
cellphone	formData	Cell Phone	No	string
countrycode	formData	Cell Phone Country Code	No	string
countryiso	formData	Cell Phone Country ISO Code	No	string
defaultsmsprovider	formData	Default SMS provider	No	string
directtwitter	formData	Send twitter messages as Direct Messages	No	string
twitteruser	formData	Twitter user	No	string

Responses

Code	Description
200	OK
default	unexpected error

[Try this operation](#)

POST /contacts/{id}

Contacts

Summary

Update a Contact

Description

Update a Contact

Parameters

Name	Located in	Description	Required	Schema
id	path	ID for the contact	Yes	integer
name	formData	Name	No	string
email	formData	Email	No	string
cellphone	formData	Cell Phone	No	string
countrycode	formData	Cell Phone Country Code	No	string
countryiso	formData	Cell Phone Country ISO Code	No	string
defaultsmsprovider	formData	Default SMS provider	No	string
directtwitter	formData	Send twitter messages as Direct Messages	No	string
twitteruser	formData	Twitter user	No	string
paused	formData	Pause contact	No	boolean

Responses

Code	Description
200	OK
default	unexpected error

[Try this operation](#)

DELETE /contacts/{id}

Contacts

Summary

Delete a Contact

Description

Delete a Contact

Parameters

Name	Located in	Description	Required	Schema
id	path	The ids for the contacts.	Yes	string

Responses

Code	Description
204	Expected response to a valid request
404	Not found
default	unexpected error

Try this operation

GET /credits

Credits

Summary

Get Credits List

Description

Returns information about remaining checks, SMS credits and SMS auto-refill status.

Responses

Code	Description
200	OK

[Try this operation](#)

GET /probes

Probes

Summary

Get Probe Server List

Description

Returns a list of all RackPing probe servers for Uptime and Transaction checks.

Parameters

Name	Located in	Description	Required	Schema
includedeleted	query	Include old probes that are no longer in use	No	boolean
limit	query	Limits the number of returned probes to the specified quantity.	No	integer
offset	query	Offset for listing. (Requires limit.)	No	integer
onlyactive	query	Return only active probes.	No	boolean

Responses

Code	Description
200	OK

[Try this operation](#)

GET /reference

Reference

Summary

Get Reference

Description

Get a reference of regions, timezones and date/time/number formats and their identifiers.

Responses

Code	Description
200	OK

[Try this operation](#)

GET /reports.email

Reports

Summary

Get Email Report Subscription List

Description

Returns a list of email report subscriptions.

Responses

Code	Description
200	OK

[Try this operation](#)

GET /reports.public

Reports

Summary

Get Public Report URL

Description

Returns a list of public (web-based) reports.

Responses

Code	Description
200	OK

[Try this operation](#)

POST /reports.public/{checkid}

Reports

Summary

Activate Public Report

Description

Enable public (web-based) reports.

Parameters

Name	Located in	Description	Required	Schema
checkid	path	checkid	Yes	integer (int32)

Responses

Code	Description
200	OK

[Try this operation](#)

DELETE /reports.public/{checkid}

Reports

Summary

Withdraw Public Report

Description

Disable public (web-based) reports.

Parameters

Name	Located in	Description	Required	Schema
checkid	path	checkid	Yes	integer (int32)

Responses

Code	Description
200	OK

[Try this operation](#)

GET /reports.shared

Reports

Summary

Get Shared Reports (Banners) List

Description

Returns a list of shared reports (banners).

Responses

Code	Description
200	OK

[Try this operation](#)

POST /reports.shared

Reports

Summary

Create a Shared Report (Banner)

Description

Returns a success message

Responses

Code	Description
200	OK

[Try this operation](#)

DELETE /reports.shared/{reportid}

Reports

Summary

Delete a Shared Report (Banner)

Description

Returns a success message

Parameters

Name	Located in	Description	Required	Schema
reportid	path	reportid	Yes	integer (int32)

Responses

Code	Description
200	OK

[Try this operation](#)

GET /results/{checkid}

Results

Summary

Get Raw Check Results

Description

Return a list of raw test results for a specified check

Parameters

Name	Located in	Description	Required	Schema
checkid	path	checkid	Yes	integer (int32)
from	query	Start of period. Format is UNIX timestamp	No	integer
includeanalysis	query	Attach available root cause analysis identifiers to corresponding results	No	boolean
limit	query	Number of results to show (Will be set to 1000 if the provided value is greater than 1000)	No	integer
maxresponse	query	Maximum response time (ms). If set, specified interval must not be larger than 31 days.	No	integer
minresponse	query	Minimum response time (ms). If set, specified interval must not be larger than 31 days.	No	integer
offset	query	Number of results to skip (Max value is 43200)	No	integer

Name	Located in	Description	Required Schema	
probes	query	Filter to only show results from a list of probes. Format is a comma separated list of probe identifiers	No	string
status	query	Filter to only show results with specified statuses. Format is a comma separated list of (down, up, unconfirmed, unknown)	No	string
to	query	End of period. Format is UNIX timestamp	No	integer

Responses

Code	Description
200	OK

[Try this operation](#)

GET /servertime

Servertime

Summary

Get Current Server Time

Description

Get the current time of the API server.

Responses

Code	Description
200	OK

Try this operation

GET /settings

Settings

Summary

Get Account Settings

Description

Returns all account-specific settings.

Responses

Code	Description
200	OK

Try this operation

GET /single

Single

Summary

Make A Single Test

Description

Performs a single test using a specified RackPing probe against a specified target. Please note that this method is meant to be used sparingly, not to set up your own monitoring solution.

Parameters

Name	Located in	Description	Required Schema	
host	query	Target host	No	string
ipv6	query	Use ipv6 instead of ipv4	No	boolean
probeid	query	Probe identifier	No	integer
type	query	Type of test (http, httpcustom, tcp, ping, dns, smtp, pop3, imap, udp)	No	string

Responses

Code	Description
200	OK

[Try this operation](#)

GET /summary.average/{checkid}

Summary

Summary

Get A Response Time / Uptime Average

Description

Get the average time / uptime value for a specified check and time period.

Parameters

Name	Located in	Description	Required	Schema
checkid	path	checkid	Yes	integer (int32)
bycountry	query	Split response times into country groups	No	boolean
byprobe	query	Split response times into probe groups	No	boolean
from	query	Start time of period. Format is UNIX timestamp	No	integer
includeuptime	query	Include uptime information	No	boolean
probes	query	Filter to only use results from a list of probes. Format is a comma separated list of probe identifiers	No	string
to	query	End time of period. Format is UNIX timestamp	No	integer

Responses

Code	Description
200	OK

[Try this operation](#)

GET /summary.hoursofday/{checkid}

Summary

Summary

Get Response Time Averages For Each Hour Of The Day

Description

Returns the average response time for each hour of the day (0-23) for a specific check over a selected time period. ie. it shows you what an average day looks like during that time period.

Parameters

Name	Located in	Description	Required	Schema
checkid	path	checkid	Yes	integer (int32)
from	query	Start time of period. Format is UNIX timestamp	No	integer
probes	query	Filter to only use results from a list of probes. Format is a comma separated list of probe identifiers	No	string
to	query	End time of period. Format is UNIX timestamp	No	integer
uselocaltime	query	If true, use the users local time zone for results (from and to parameters should still be specified in UTC). If false, use UTC for results.	No	boolean

Responses

Code	Description
200	OK

[Try this operation](#)

GET /summary.outage/{checkid}

Summary

Summary

Get List of Outages

Description

Get a list of status changes for a specified check and time period. If order is specified to descending, the list is ordered by newest first. (Default is ordered by oldest first.)

Parameters

Name	Located in	Description	Required	Schema
checkid path		checkid	Yes	integer (int32)
from	query	Start time of period. Format is UNIX timestamp	No	integer
order	query	Sorting order of outages. Ascending or descending. (asc,desc)	No	string
to	query	End time of period. Format is UNIX timestamp	No	integer

Responses

Code	Description
200	OK

[Try this operation](#)

GET /summary.performance/{checkid}

Summary

Summary

Get Intervals of Average Response Time and Uptime During a Given Interval

Description

For a given interval in time, return a list of sub intervals with the given resolution. Useful for generating graphs. A sub interval may be a week, a day or an hour depending on the chosen resolution.

Parameters

Name	Located in	Description	Required	Schema
checkid	path	checkid	Yes	integer (int32)
from	query	Start time of period. Format is UNIX timestamp	No	integer
includeuptime	query	Include uptime information.	No	boolean
order	query	Sorting order of sub intervals. Ascending or descending. (asc,desc)	No	string
probes	query	Filter to only use results from a list of probes. Format is a comma separated list of probe identifiers. Can not be used if includeuptime is set to true. Also note that this can cause intervals to be omitted, since there may be no results from the desired probes in them.	No	string
resolution	query	Interval size (hour, day, week)	No	string
to	query	End time of period. Format is UNIX timestamp	No	integer

Responses

Code	Description
200	OK

Try this operation

GET /summary.probes/{checkid}

Summary

Summary

Get Active Probes For A Period

Description

Get a list of probes that performed tests for a specified check during a specified period.

Parameters

Name	Located in	Description	Required	Schema
checkid path		checkid	Yes	integer (int32)
from	query	Start time of period. Format is UNIX timestamp	Yes	integer
to	query	End time of period. Format is UNIX timestamp	No	integer

Responses

Code	Description
200	OK

Try this operation

GET /traceroute

Traceroute

Summary

Make A Traceroute

Description

Perform a traceroute to a specified target from a specified RackPing probe.

Parameters

Name	Located in	Description	Required	Schema
host	query	Target host	No	string
probeid	query	Probe identifier	No	integer

Responses

Code	Description
200	OK

[Try this operation](#)

End