



# Paragon Active Assurance Speedtest機能の設定手順

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# Speedtest概要

ユーザとテストエージェント間の通信帯域とレイテンシを、Webブラウザから簡単に計測可能

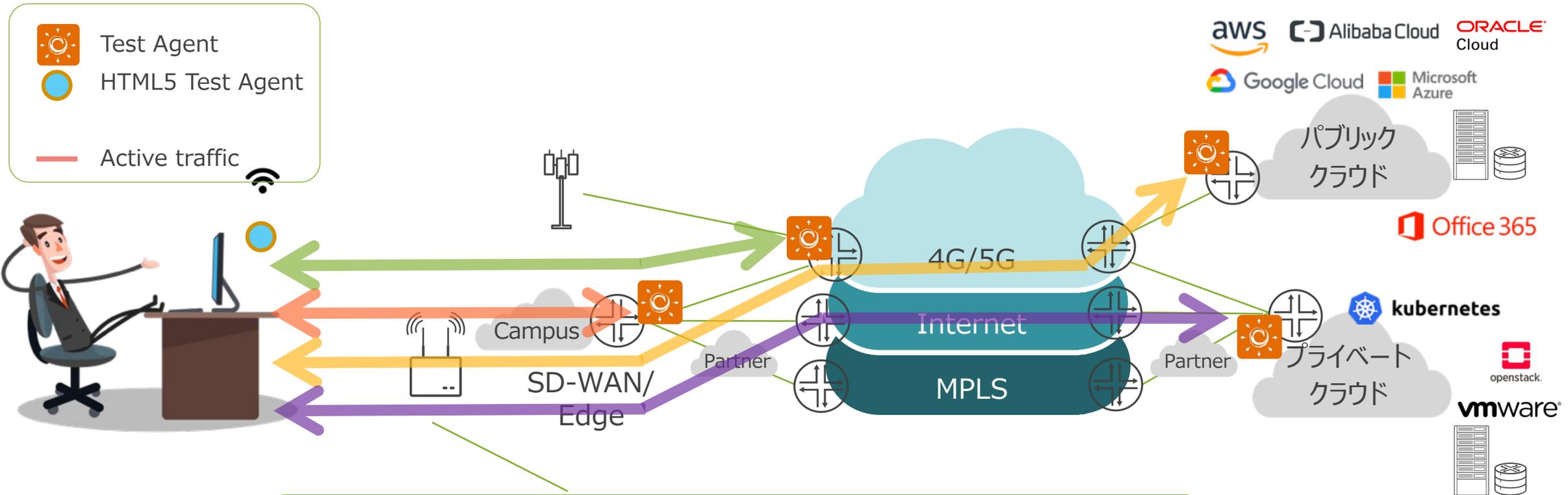
ユーザから任意のテストエージェントに対してスピードテストを実施

The screenshot shows the Speedtest website interface. At the top left is the Speedtest logo, and at the top right is the Juniper Networks logo. Below the logo is a brief description of the test: "Test your network performance. Speedtest is a simple way to conduct a test of the throughput and latency of your network connection. Speedtest measures your network connection in real time using real traffic and provides live results and charts for you. Tip: For technical details of how the test is conducted, please read below." Below this is a form with fields for "Category" (set to Default), "Server" (set to pop03nta01:eth1 (IPv4)), and "Comment". A "Start" button is visible. To the right of the form is a speedometer graphic and a table of test results: Download: 57.17 Mbit/s, Upload: 335.24 Mbit/s, TCP Ping: 15.47 ms (0 ms jitter), and ICMP Ping: 7.89 ms (0.0% loss, 1.71 ms jitter). Below the table is a line graph showing download and upload rates over 10 seconds. At the bottom, there are four numbered steps explaining the test process: 1. Download: The test will start with 5 parallel TCP sessions. More sessions will be added depending on the rate measured during the first 5 seconds. Up to 24 parallel session might be used. 2. Upload: The test will start with 5 parallel TCP sessions. More sessions will be added depending on the rate measured during the first 5 seconds. Up to 24 parallel session might be used. 3. TCP Ping: Sends a small amount of data back and forth over a single TCP session to measure the round-trip delay. 4. ICMP Ping: ICMP echo requests are sent from the server to measure the round-trip delay and loss.

管理画面から結果や統計を確認可能

The screenshot shows the Speedtest management interface. At the top is the breadcrumb "Apps / speedtest / results". Below this is a "Speedtest results" section with a "Show all" dropdown and filters for "15m", "1h", "6h", "24h", "1w", "4w", and "1y". There are buttons for "Go to public page", "Configure", and "Export CSV". Below the filters are two tabs: "GRAPH" (selected) and "TABLE". The graph shows download and upload rates over time. Below the graph is a "Details" section with two tabs: "GENERAL" (selected) and "TCP INFO". The details include: Time: 2021-05-31 15:32:31, Test Agent: pop03nta01:eth1, Client: 1: [redacted], TCP sessions: 8, Down rate: 57.17 Mbit/s, Up rate: 335.2 Mbit/s, TCP ping: 15.47 ms, TCP jitter: 0.00 ms, ICMP ping: 7.89 ms, ICMP loss: 0.00 %, ICMP jitter: 1.71 ms, User agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64; rv:88.0) Gecko/20100101 Firefox/88.0, and Token: aG: [redacted]. To the right of the details is a "Rate graph" showing download and upload rates over 10 seconds.

# Speedtest概要



ウェブブラウザからユーザーのPCとテストエージェント間の通信帯域とレイテンシを測定する事が可能

# Speedtest実行手順

## 1. Speedtestに関する各種設定

- “Accounts” – “Speedtest”を選択

The screenshot displays the Paragon Active Assurance user interface. On the left, a teal sidebar menu is open, with the 'Accounts' option at the bottom highlighted by a red box. The main content area shows the 'Account & settings' page, where the 'Speedtest' option is also highlighted with a red box. The 'Speedtest' option is described as 'Customize your page and modify categories.' Other settings options include Permissions, IPTV channels, SLA, Alarms, Report logo, SIP accounts, Network device, IP Lookup Table, Y.1731, TWAMP, Ping, User profile / API tokens, and Test Agent Registration users.

PARAGON ACTIVE ASSURANCE

**Account & settings**

- Permissions**  
Invite colleagues and change user permissions.
- IPTV channels**  
Modify IPTV channel list.
- Speedtest**  
Customize your page and modify categories.
- SLA**  
Change default SLA values.
- Alarms**  
Modify Alarm settings.
- Report logo**  
Change logo to be used in your reports.
- SIP accounts**  
Edit SIP accounts.
- Network device**  
Edit network device.
- IP Lookup Table**  
Edit IP Lookup Table items
- Y.1731**  
Edit Y.1731 MEPS.
- TWAMP**  
Edit TWAMP reflectors.
- Ping**  
Edit Ping hosts.
- User profile / API tokens**  
Edit User profile / API tokens.
- Test Agent Registration users**  
Add a Test Agent Registration user

# Speedtest実行手順

## 1. Speedtestに関する各種設定 – 続き

- 必要に応じて設定を変更し”Save config”  
※各項目の説明は [ドキュメント](#) に記載

**GENERAL** CATEGORIES LOGO SOCIAL LOGO GRAPH COLORS

WebSocket port: ⓘ

Category label: ⓘ

Max parallel tests: ⓘ

⚠ Warning! Changing the test duration can potentially cause issue (e.g. browser hangs).

Test duration (s): ⓘ

Allow public report: ⓘ  Allow  Prohibit

Allow social sharing: ⓘ  Allow  Prohibit

Show shared Test Agents: ⓘ  Show  Hide

Show full description: ⓘ  Show  Hide

IP access filter: ⓘ

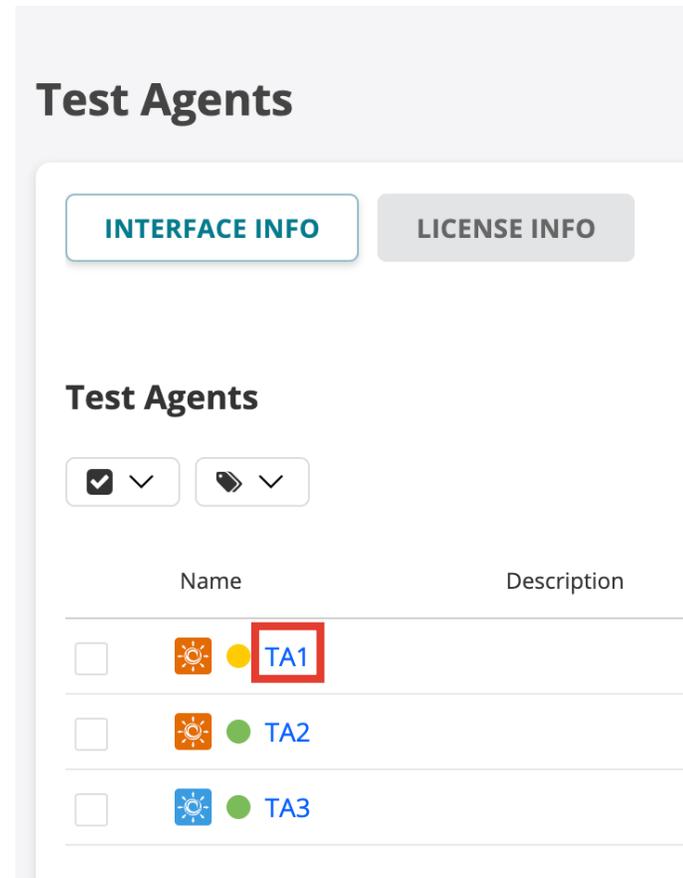
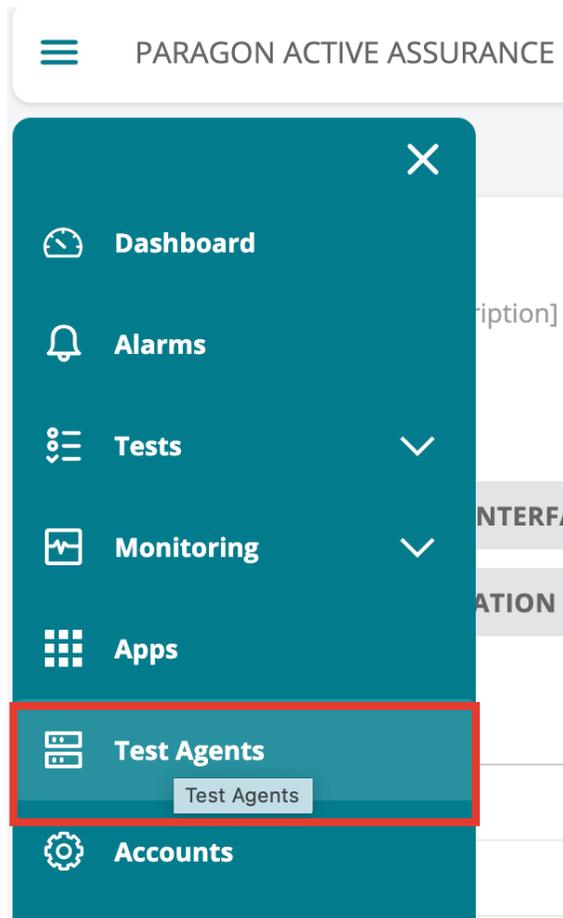
Language: ⓘ  English  Svenska

**Save config**

# Speedtest実行手順

## 2. Test AgentでSpeedtest機能を有効化

- メニューから“Test Agents”へ移動し、Speedtestを有効にするTest Agentをクリック



# Speedtest実行手順

## 2. Test AgentでSpeedtest機能を有効化 - 続き

- “APPLICATIONS”を選択し、Speedtestを有効にするインターフェースにチェックし”Save”をクリック

INTERFACES

INTERFACES (METADATA)

APPLICATIONS

NTP

STREAMS

LICENSE

UTILS

GPS LOCATION

PLATFORM INFORMATION

SSH ACCESS

 To understand what an Application is, please refer to the [support documentation](#) .

 Live remote packet capture 

Name

 Speedtest 

Proxy for management traffic

Capture interface

Connect to interface

eth0



eth1



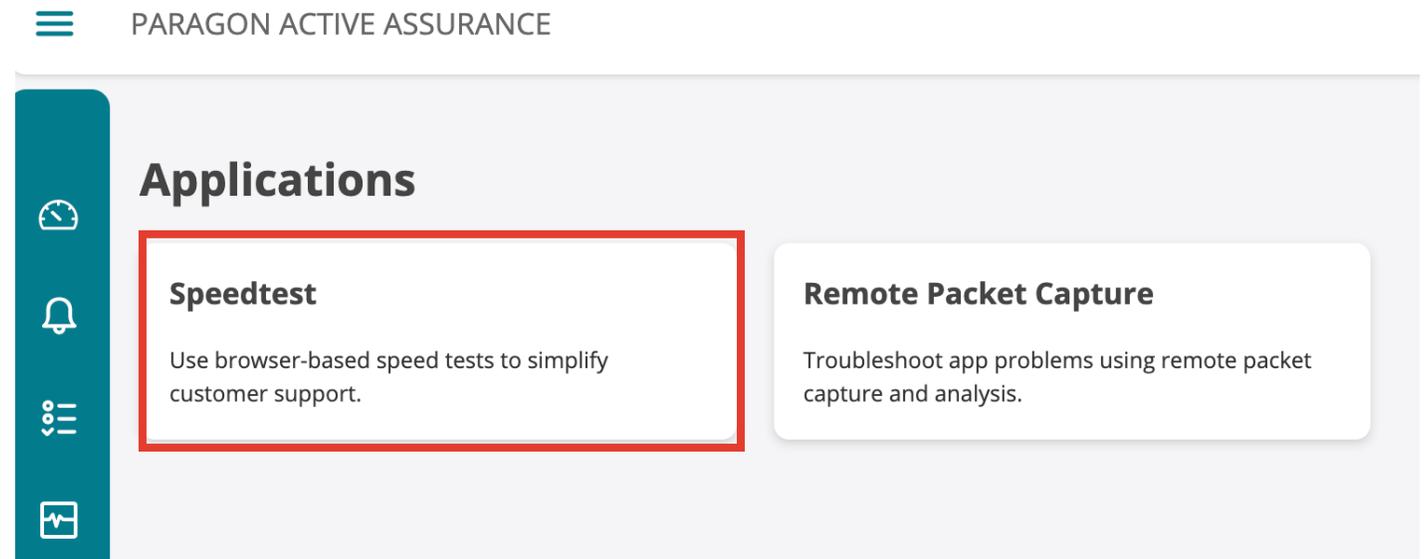
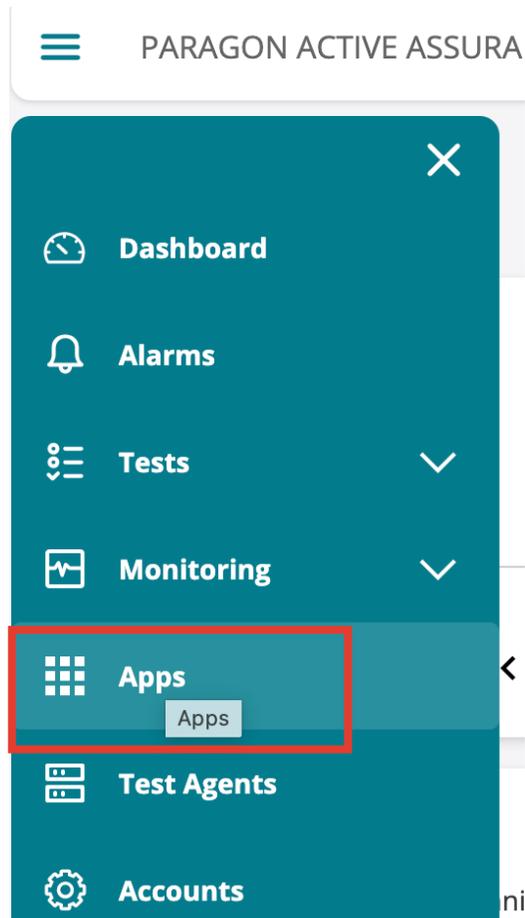
Unsaved changes

Save

# Speedtest実行手順

## 3. Speedtest実行

- メニューから”Apps”へ移動し、”Speedtest”を選択



# Speedtest実行手順

## 3. Speedtest実行 - 続き

- “Go to public page”に移動

Apps / speedtest / results

### Speedtest results

Show all ▾

15m

1h

6h

24h

1w

4w

1y ▾

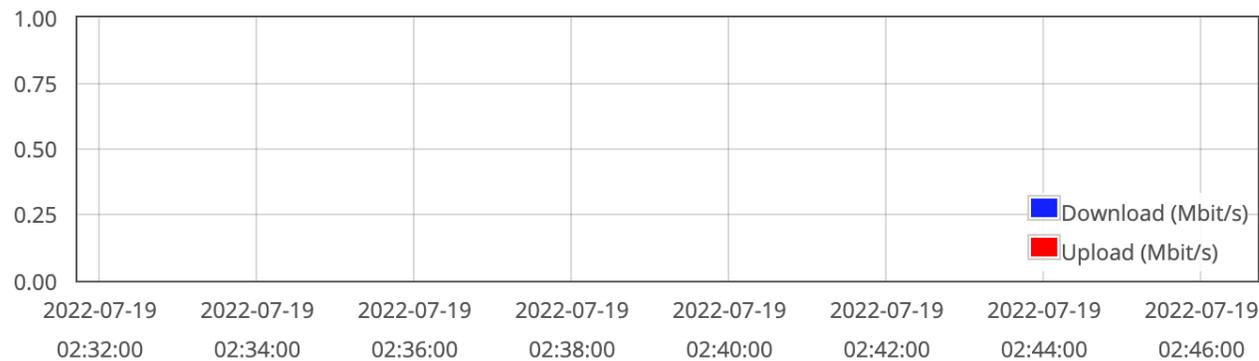
[Go to public page](#)

[Configure](#)

[Export CSV](#)

GRAPH

TABLE



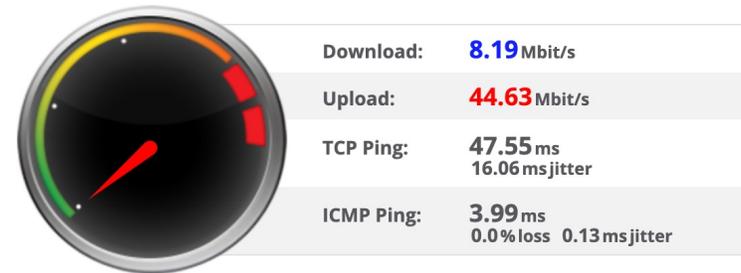
# Speedtest実行手順

## 3. Speedtest実行 - 続き

- “Category”, “Server”(Test Agentのインターフェース)を選択、任意で“Comment”を記入し”Start”実行後、結果が表示される



Test your network performance  
Speedtest is a simple way to conduct a test of the throughput and latency of your network connection. Speedtest measures your network connection in real time using real traffic and provides live results and charts for you.  
Tip: For technical details of how the test is conducted, please [read below](#).

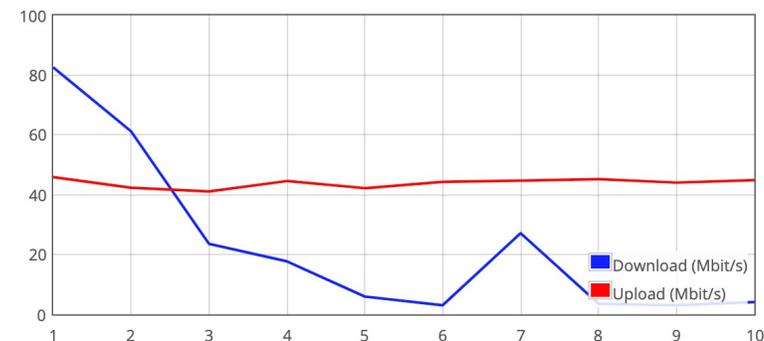


Category:  ▼

Server:  ▼

Comment:

**Start**



# Speedtest実行手順

## 4. 結果確認

- “Apps” – “speedtest”からも結果の確認が可能

The screenshot shows the Speedtest results interface. At the top, there are filters for 'Show all' and time intervals: 15m, 1h (selected), 6h, 24h, 1w, 4w, 1y. There are also buttons for 'Go to public page', 'Configure', and 'Export CSV'. Below the filters are 'GRAPH' and 'TABLE' tabs. A line graph shows Download (Mbit/s) and Upload (Mbit/s) rates over time. A callout box points to the 'GRAPH' tab with the text '表示の切り替えが可能'. Another callout box points to the 'Export CSV' button with the text '指定した期間の実行結果を“Export CSV”からダウンロード可能'. Below the main graph is a 'Details' section with 'GENERAL' and 'TCP INFO' tabs. A callout box points to the 'GENERAL' tab with the text '表示の切り替えが可能'. The 'GENERAL' tab displays various metrics: Time, Test Agent, Client, TCP sessions, Down rate, Up rate, TCP ping, TCP jitter, ICMP ping, ICMP loss, ICMP jitter, User agent, Token, and Description. A callout box points to the 'Report' and 'Delete' buttons at the bottom with the text '実行結果を選択し、各Reportの取得が可能'. To the right of the details is a 'Rate graph' showing a zoomed-in view of the download and upload rates over 10 seconds.

Speedtest results

Show all | 15m | 1h | 6h | 24h | 1w | 4w | 1y | Go to public page | Configure | Export CSV

GRAPH | TABLE

表示の切り替えが可能

指定した期間の実行結果を“Export CSV”からダウンロード可能

Details

GENERAL | TCP INFO

表示の切り替えが可能

実行結果を選択し、各Reportの取得が可能

Report | Delete

Time	Download (Mbit/s)	Upload (Mbit/s)
2022-07-19 05:50:00	~10	~45
2022-07-19 06:00:00	~10	~45
2022-07-19 06:10:00	~10	~45
2022-07-19 06:20:00	~10	~45
2022-07-19 06:30:00	~10	~45
2022-07-19 06:40:00	~10	~45

Metric	Value
Time	2022-07-19 06:18:12
Test Agent	tokyo-hq:eth0
Client	202.2.153.114
TCP sessions	8
Down rate	8.188 Mbit/s
Up rate	44.63 Mbit/s
TCP ping	47.55 ms
TCP jitter	16.06 ms
ICMP ping	3.99 ms
ICMP loss	0.00 %
ICMP jitter	0.13 ms
User agent	Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/103.0.0.0 Safari/537.36
Token	dnBuX2RlbW8xNjU4MjExNDky
Description	[Click here to add a description]



Thank you

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