

Terms of Reference for the Provider for ASEANstats Cloud Linux Hosting Server

1. Background

Statistics Division of the ASEAN Secretariat (ASEANstats) has been attempting to keep improving the capacity and reliability (security & stability) of the existing statistical databases for facilitating the data needs in supports for the ASEAN Secretariat. Since 2017, ASEANstats subscribed a Linux Cloud hosting with specification as mentioned in the point number 2. The subscription of the Linux Cloud hosting will be expired in March 2023.

Provided the fact that the improvements in the capacity and reliability of ASEANstats statistical databases are quite noticeable and acknowledged by stakeholders in ASEAN Secretariat and ASEAN Community Statistical System (ACSS), ASEANstats is planning to maintain continuing the use of the VPS Linux hosting server. It is therefore extremely important for incorporating the cost of the VPS Linux hosting server into the ASEAN regular budget.

During the discussion on the AOB FY 2023, ASEANstats proposed the cost for the renewal of this hosting server to be covered by AOB for FY 2023, and this was already approved by CPR.

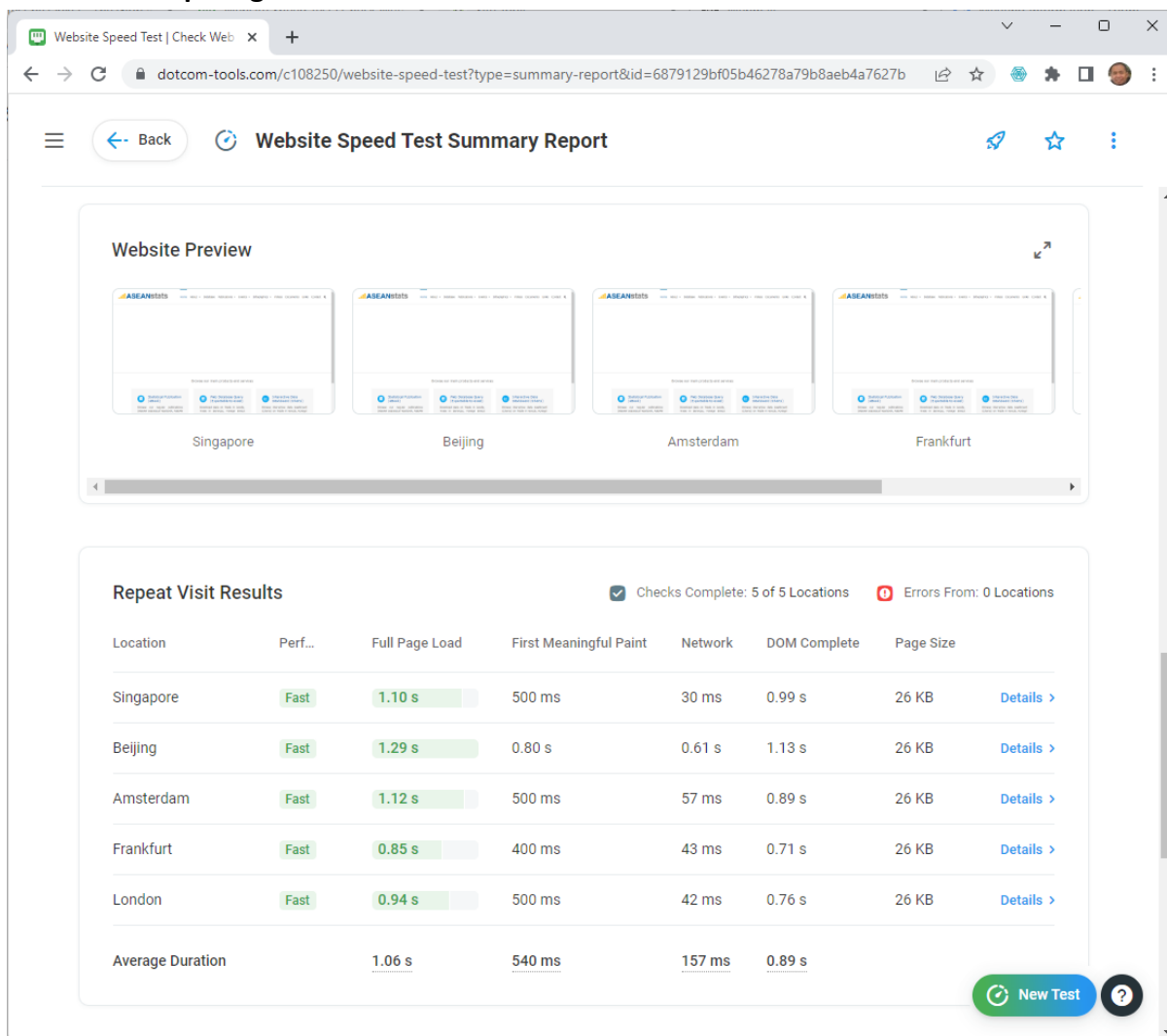
The server is currently running following websites/applications/services:

- Web using WordPress (aseanstats.org)
- Custom PHP application (data.aseanstats.org)
- Custom web using CodeIgniter (dtt.aseanstats.org)
- Web using WordPress (wg.aseanstats.org)
- Web using WordPress (aecmonitoring.asean.org)
- Custom Web YII and Smarty template (dev.aseanstats.org)
- There could be more application hosted on this server

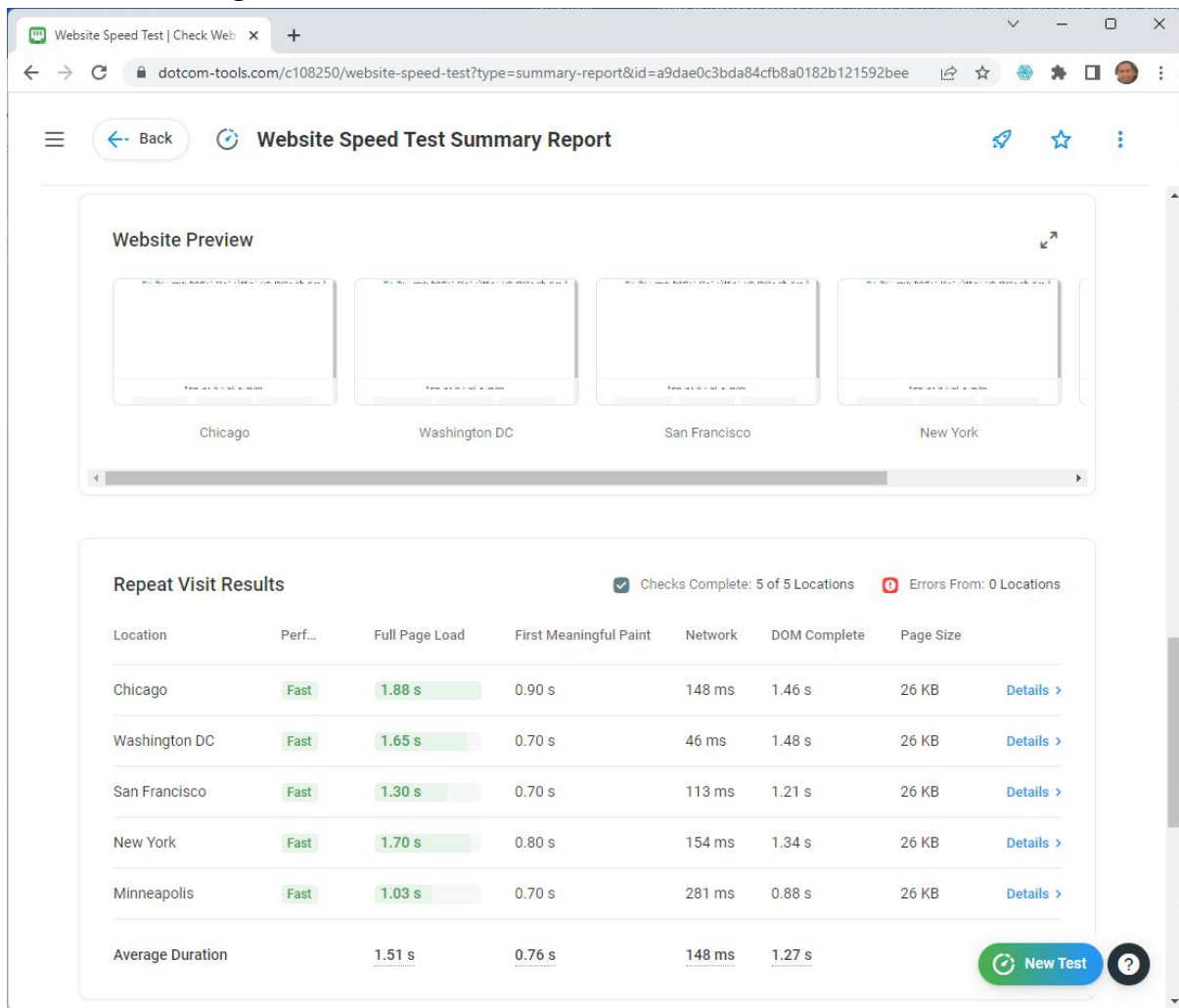
Websites and statistical database services are for worldwide public use, hence the websites require high speed for easy accessible by users from any locations.

Below is the screenshot of the website test speed:

Asia and Europe region



North America region



2. Specification of Server and Expected Services Deliverables

The Provider is required to provide the following minimum specification for the server:

Items/Services	Specifications
OS	Linux (CentOS)
Type	Cloud
Storage (minimal)	SSD 100GB
Backup	Fully backup, daily, 7 days retention. user can restore a specific file, folder, database and full account.
Support Type	Fully managed
Server Management	cPanel VPS Optimized 3
Data Center Location	Singapore
RAM (minimum)	10 GB
CPU Core (minimum)	5 cores
Bandwidth / Data Transfer (minimum)	Dedicated 5TB/month
Database	MySQL
Support Respond	24/7, fast respond, English language
Uptime	99,99%
Site Scanner Malware Monitoring	using SG Site Scanner, automatic daily malware scan, with weekly report to be send to ASEANstats by email
CDN	CloudFare Plus
SSL Certificate	AlphaSSL WildCard
Private DNS	ns1.aseanstats.org and ns2.aseanstats.org
Dedicated IPs	2 dedicated IPs
User can change php.ini	Yes, through PHP Variables on cPanel
Version Control (Git Repository)	SG-Git
Cache Optimizer	SuperCacher
Staging	One Click Staging for Wordpress
Domain Renewal	renew domain aseanstats.org for 1 year

3. Duration of Services

The duration of services is 1 (one) year with possibility of renewal, subject to satisfactory performance A review and evaluation of services rendered will be performed prior to end of service duration.

4. Schedule of Deliverables

The tentative schedule of the work is as follows:

March 2023 : The websites operational properly

5. Qualifications

The Provider should ideally have the following qualifications:

- a) Advanced professional experience in hosting various websites with multinational clients more than 5 years.
- b) Advanced professional experience in server, application, and website security including counter-intrusion skills
- c) Providing 24hours/7days support by Phone, Live Chat and Tickets with fast respond using English.

6. Payment of Fees

The payment will be processed after vendor renewed the serviced and all Application/Services/Websites running properly and the performance must be same as before renewed.
