UNIVERSITAS ISLAM INDONESIA

Managing wordpress with Plesk & LXD

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Site **R**eliable **E**ngineer and Tech Enthusiast
Badan Sistem Informasi

بِسْمِ اللَّهِ الرَّحْمَٰنِ الرَّحِيمِ

Keutamaan Menuntut Ilmu pada Al-Qur'an surat Al-Mujadalah ayat 11 :

يَرْفَعِ ٱللَّهُ ٱلَّذِينَ ءَامَنُوا۟ مِنكُمْ وَٱلَّذِينَ أُوتُوا۟ ٱلْعِلْمَ دَرَجَٰتٍ ۚ
وَٱللَّهُ بِمَا تَعْمَلُونَ خَبِيرٌ ﴿١١﴾

Allah akan meninggikan orang-orang yang beriman di antara kamu dan orang-orang yang diberikan ilmu pengetahuan beberapa derajat.

"Barang siapa yang menempuh suatu jalan dalam rangka menuntut ilmu maka Allah akan memudahkan baginya jalan menuju surga," (HR. Muslim)

Personal Website?

Does anyone have a personal website?

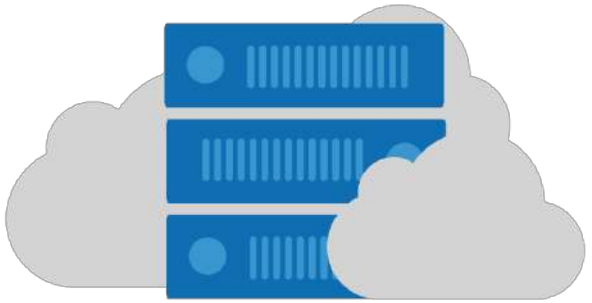
Access to Plesk UII?

Does anyone can access to plesk uii?

Can you help me to provide access Plesk

plesk

Plesk is a commercial **web hosting platform** with a control panel that allows a server administrator to set up new websites, reseller accounts, e-mail accounts and DNS entries through a web-based interface.



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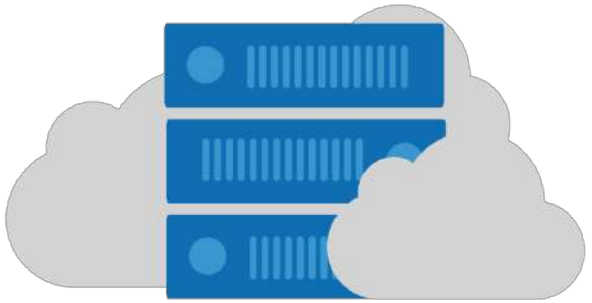
cPanel®

cPanel & WHM is an online Linux-based web hosting control panel that provides a graphical interface (GUI) and automation tools designed to simplify the process of hosting a web site to the website owner or the "end user". cPanel & WHM utilizes a three-tier structure that provides capabilities for administrators, resellers, and end-user website owners to control the various aspects of website and server administration through a standard web browser.



plesk VS cPanel®

Grand New Avanza

Great New Xenia

Why plesk?

Plesk has several software packs that are not part of the main Plesk code base. These extensions are designed to fully interact with Plesk, and they include:[13]

- Plesk Security Advisor
- WordPress Toolkit
- SEO Toolkit
- WordPress Pack
- KernelCare
- Uptime Robot
- Grafana Monitoring
- Docker Support
- Acronis Backup
- Servershield by CloudFlare

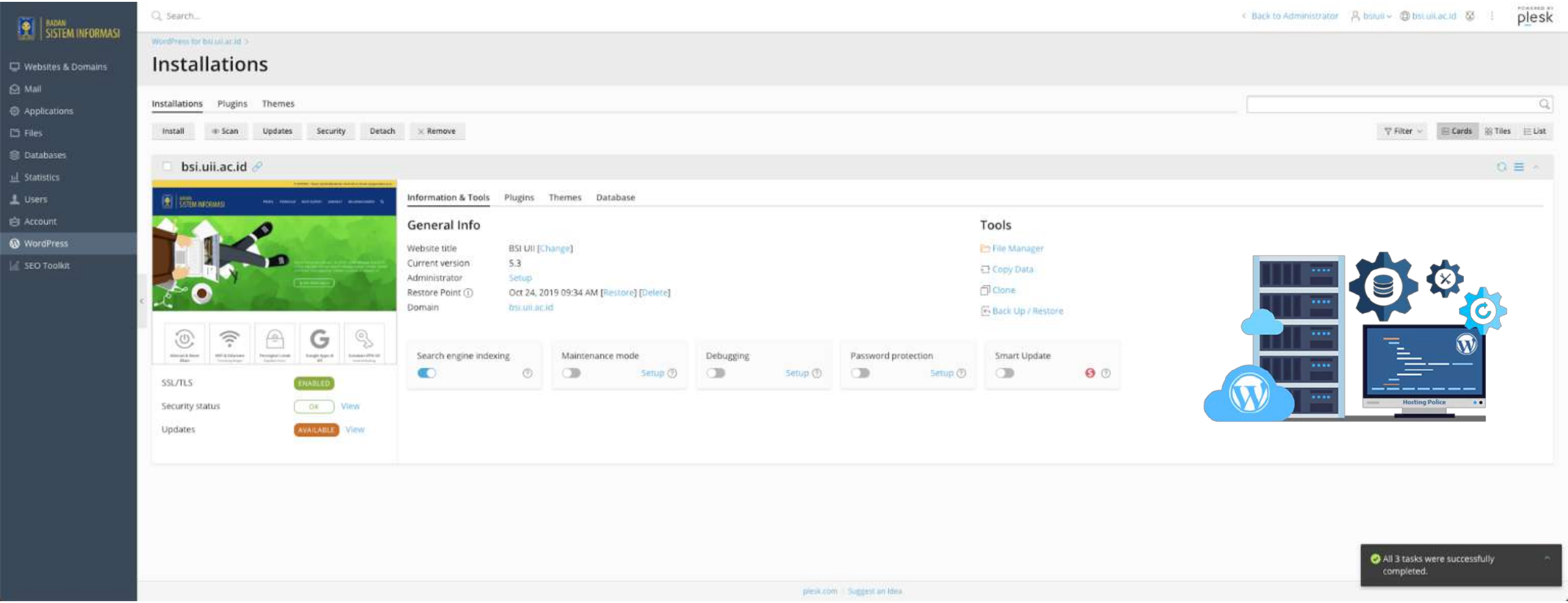
Why security is important?

Analogy

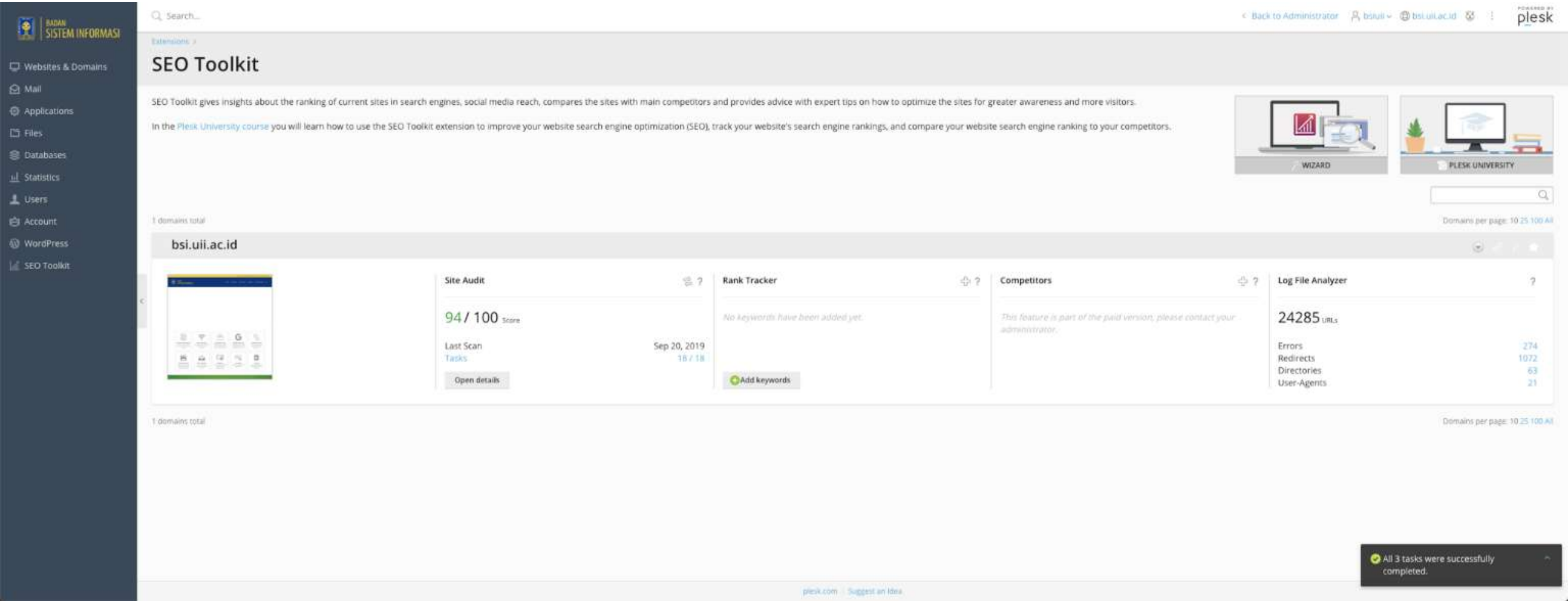
fish as a website

pool as plesk

WordPress Toolkit on Plesk



SEO Toolkit & Simplifikasi domain uii



SEO Toolkit & Simplifikasi domain uii

how to summarize 300 domains to 150 uii.ac.id domains

DNS management for **uii.ac.id**

+ Add record | 103.220.113.20 | Advanced

Type	Name			
LB	cloud-api.uii.ac.id			Manage in Traffic app
LB	gateway.uii.ac.id			

Type	Name	Content	TTL	Proxy status
A	pkbh	103.220.113.20	Auto	Proxied
A	portofolio.fit	103.220.113.20	Auto	DNS only
A	psg	103.220.113.20	Auto	Proxied
A	psimed.fit	103.220.113.20	Auto	DNS only
A	pski	103.220.113.20	Auto	Proxied
A	psl	103.220.113.20	Auto	Proxied
A	pubg.industrial	103.220.113.20	Auto	DNS only

Example:

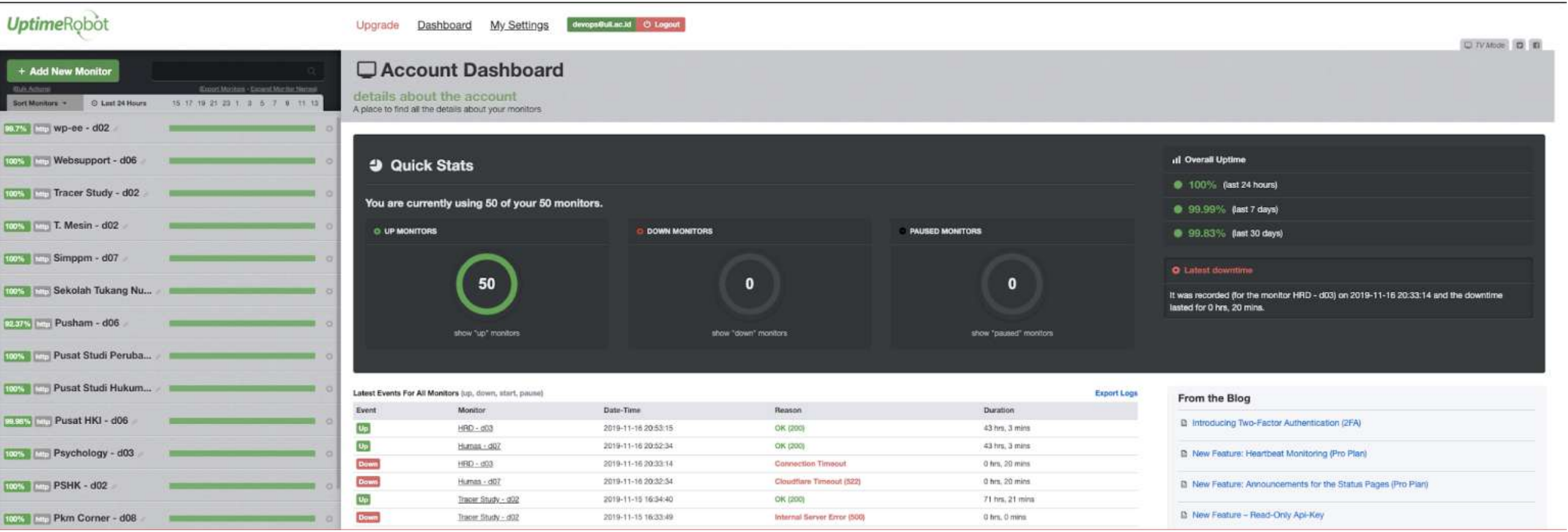
https://fit.uii.ac.id/ruang/

https://fit.uii.ac.id/nilai/

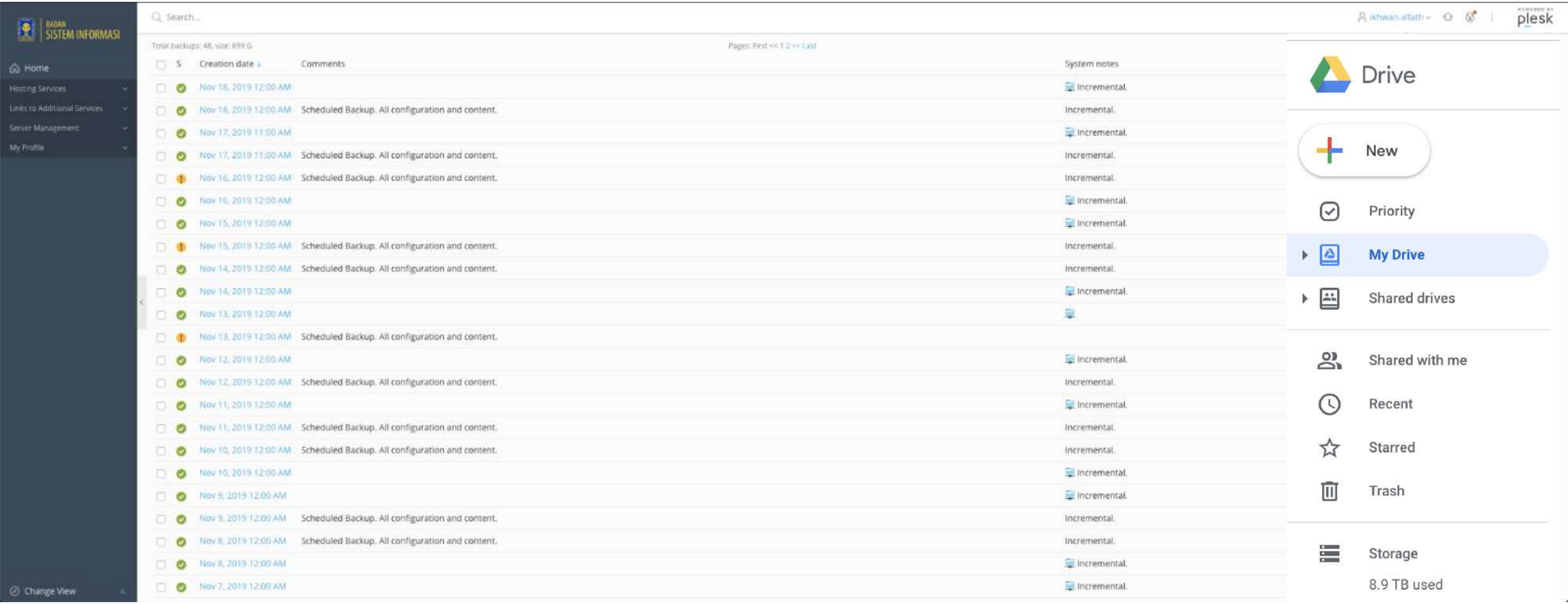
etc.

Uptime Monitoring

UptimeRobot alerting if website down



Autobackup incremental



Conclusion

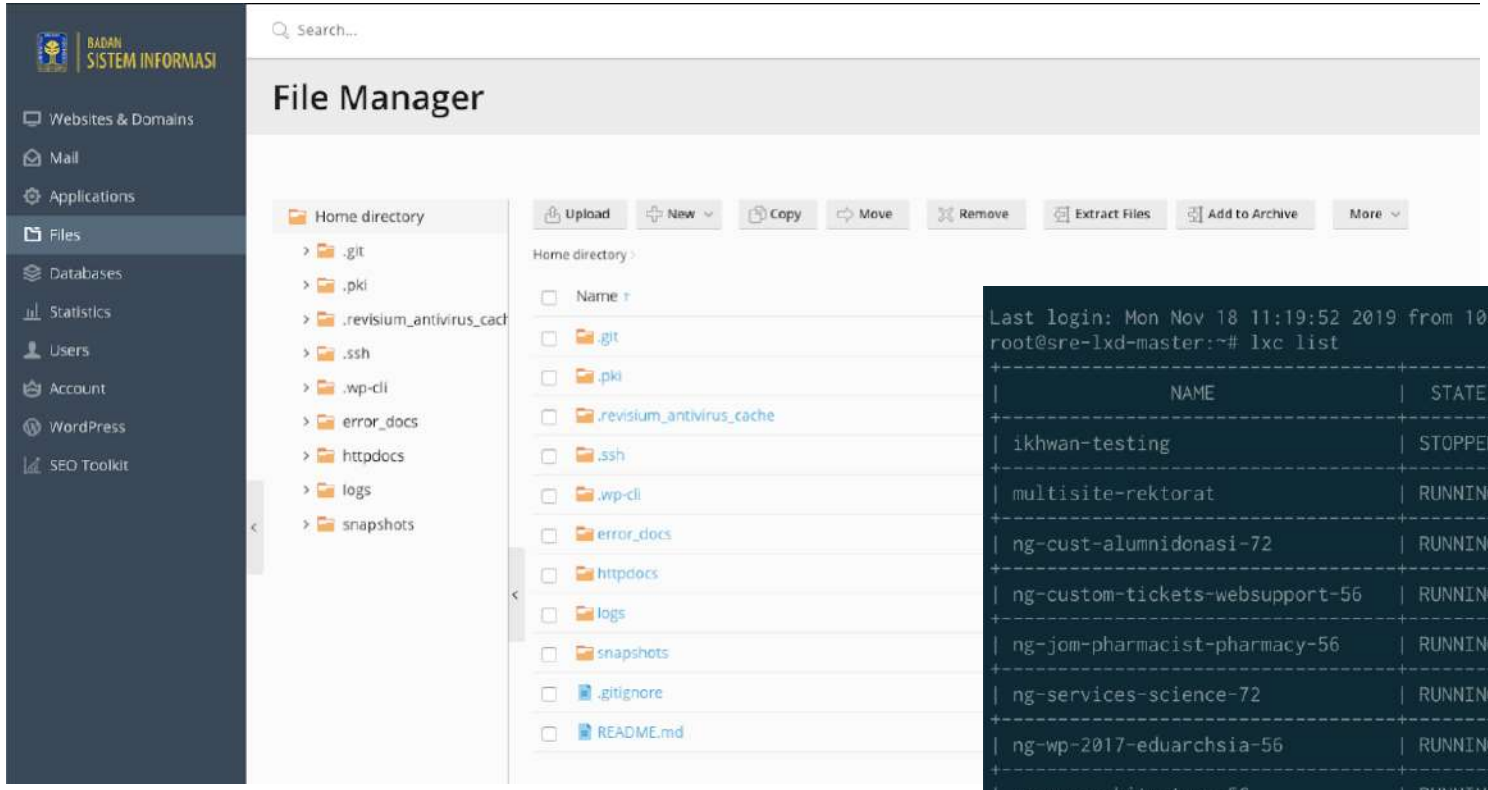
192.168.1.1

uii.ac.id

Any
questions

plesk **VS** LXD

Choose Option



LXD

```
Last login: Mon Nov 18 11:19:52 2019 from 103.55.139.98
root@sre-lxd-master:~# lxc list
+-----------------------------------+---------+-----------------------+-----------------------------------------------+-----------+---
|                NAME               |  STATE  |         IPV4          |                      IPV6                     |   TYPE    | SN
+-----------------------------------+---------+-----------------------+-----------------------------------------------+-----------+---
| ikhwan-testing                    | STOPPED |                       |                                               | PERSISTENT | 0
+-----------------------------------+---------+-----------------------+-----------------------------------------------+-----------+---
| multisite-rektorat                | RUNNING | 10.108.96.159 (eth0)  | fd42:fd4b:d85d:71ad:216:3eff:fe3a:b857 (eth0) | PERSISTENT | 5
+-----------------------------------+---------+-----------------------+-----------------------------------------------+-----------+---
| ng-cust-alumnidonasi-72           | RUNNING | 10.108.96.210 (eth0)  | fd42:fd4b:d85d:71ad:216:3eff:fe08:f4f5 (eth0) | PERSISTENT | 4
+-----------------------------------+---------+-----------------------+-----------------------------------------------+-----------+---
| ng-custom-tickets-websupport-56   | RUNNING | 10.108.96.151 (eth0)  | fd42:fd4b:d85d:71ad:216:3eff:fefb:4ace (eth0) | PERSISTENT | 4
+-----------------------------------+---------+-----------------------+-----------------------------------------------+-----------+---
| ng-jom-pharmacist-pharmacy-56     | RUNNING | 10.108.96.105 (eth0)  | fd42:fd4b:d85d:71ad:216:3eff:fe81:b4b (eth0)  | PERSISTENT | 4
+-----------------------------------+---------+-----------------------+-----------------------------------------------+-----------+---
| ng-services-science-72            | RUNNING | 10.108.96.13 (eth0)   | fd42:fd4b:d85d:71ad:216:3eff:fee7:74b5 (eth0) | PERSISTENT | 4
+-----------------------------------+---------+-----------------------+-----------------------------------------------+-----------+---
| ng-wp-2017-eduarchsia-56          | RUNNING | 10.108.96.223 (eth0)  | fd42:fd4b:d85d:71ad:216:3eff:fe89:f8f2 (eth0) | PERSISTENT | 4
+-----------------------------------+---------+-----------------------+-----------------------------------------------+-----------+---
| ng-wp-architecture-56             | RUNNING | 10.108.96.245 (eth0)  | fd42:fd4b:d85d:71ad:216:3eff:fe7c:9624 (eth0) | PERSISTENT | 4
+-----------------------------------+---------+-----------------------+-----------------------------------------------+-----------+---
| ng-wp-biohuki-fk-72               | RUNNING | 10.108.96.203 (eth0)  | fd42:fd4b:d85d:71ad:216:3eff:fe81:badf (eth0) | PERSISTENT | 4
+-----------------------------------+---------+-----------------------+-----------------------------------------------+-----------+---
| ng-wp-conference-communication-72 | RUNNING | 10.108.96.193 (eth0)  | fd42:fd4b:d85d:71ad:216:3eff:fe72:498b (eth0) | PERSISTENT | 4
+-----------------------------------+---------+-----------------------+-----------------------------------------------+-----------+---
| ng-wp-diploma-chemistry-72        | RUNNING | 10.108.96.56 (eth0)   | fd42:fd4b:d85d:71ad:216:3eff:fe25:9c78 (eth0) | PERSISTENT | 5
+-----------------------------------+---------+-----------------------+-----------------------------------------------+-----------+---
Configuration file is valid
```

plesk

plesk
WordPress

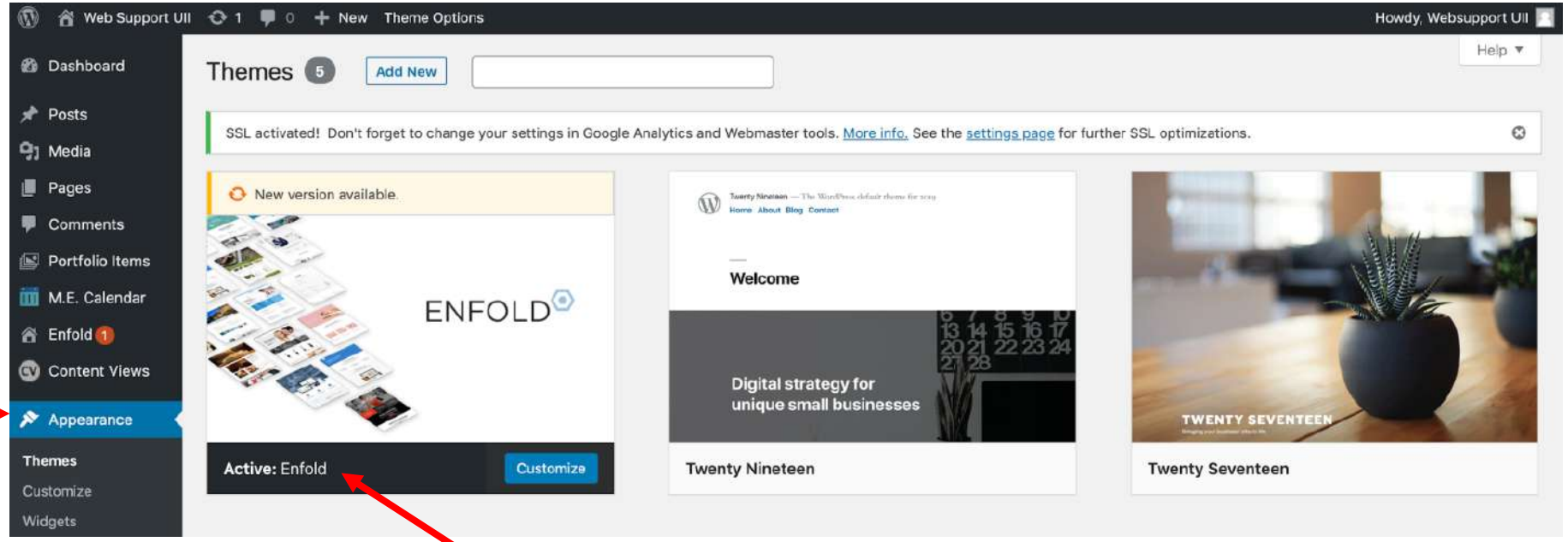
WordPress

WordPress is an open source application that is very popular to be used as a blog engine. WordPress is built with the PHP programming language and MySQL database. PHP and MySQL, both are open source software (open source software). Aside from being a blog, WordPress also began to be used as a CMS (Content Management System) because of its ability to be modified and adapted to the needs of its users.

Rilis stabil 5.2.4 / 14 Oktober 2019

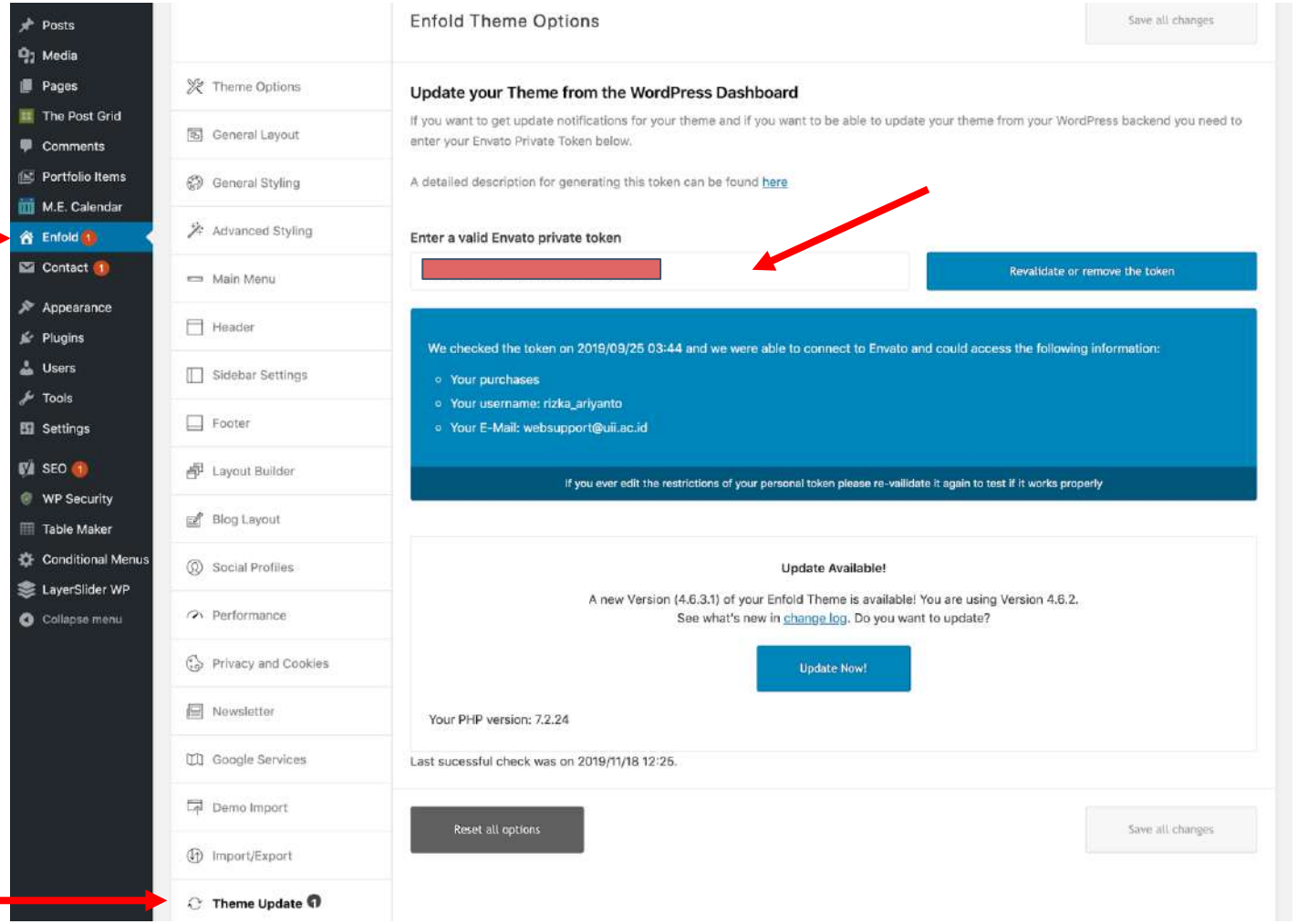
Theme Enfold

see the theme used



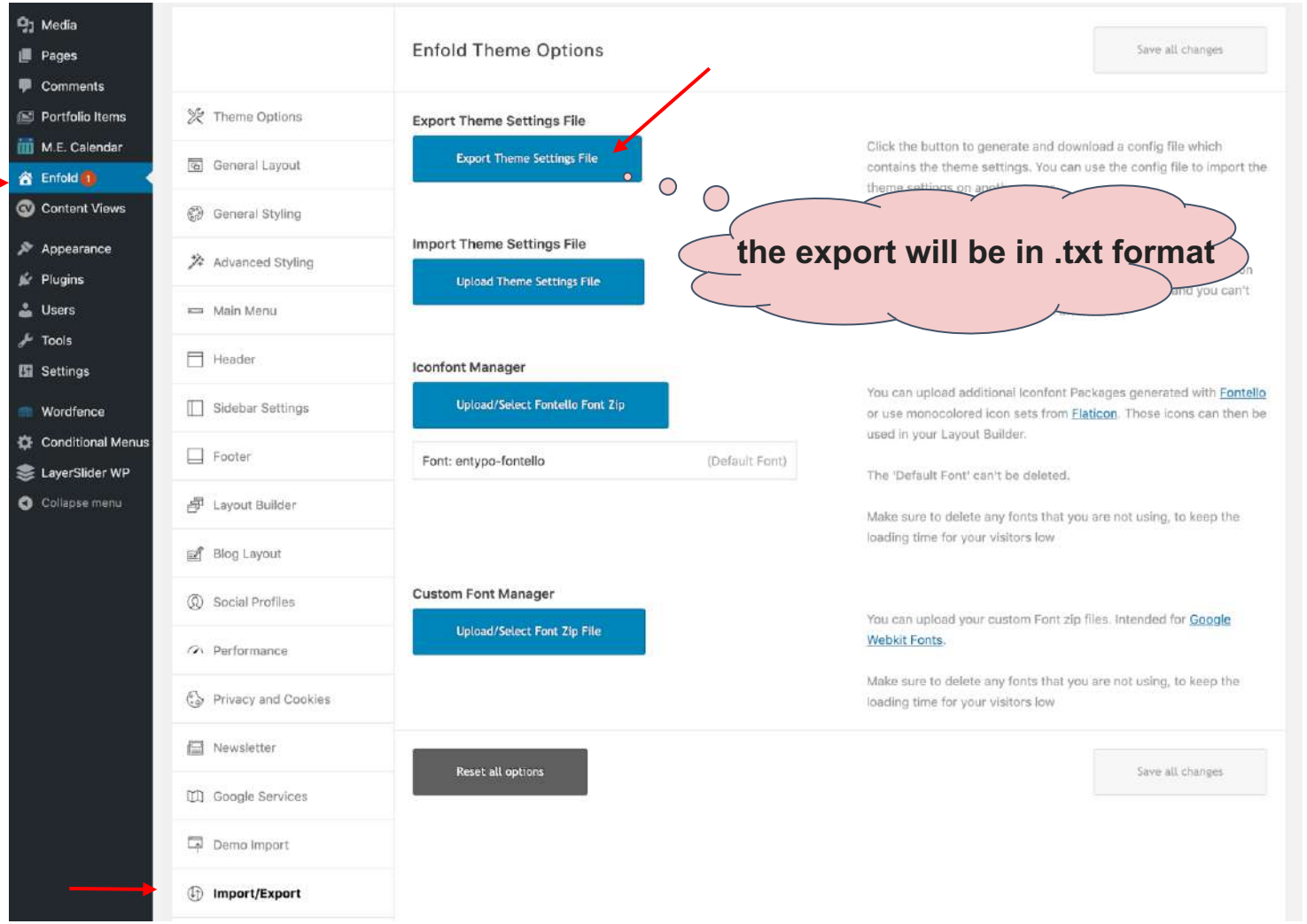
Update Theme Enfold

if there is an update a red number will appear



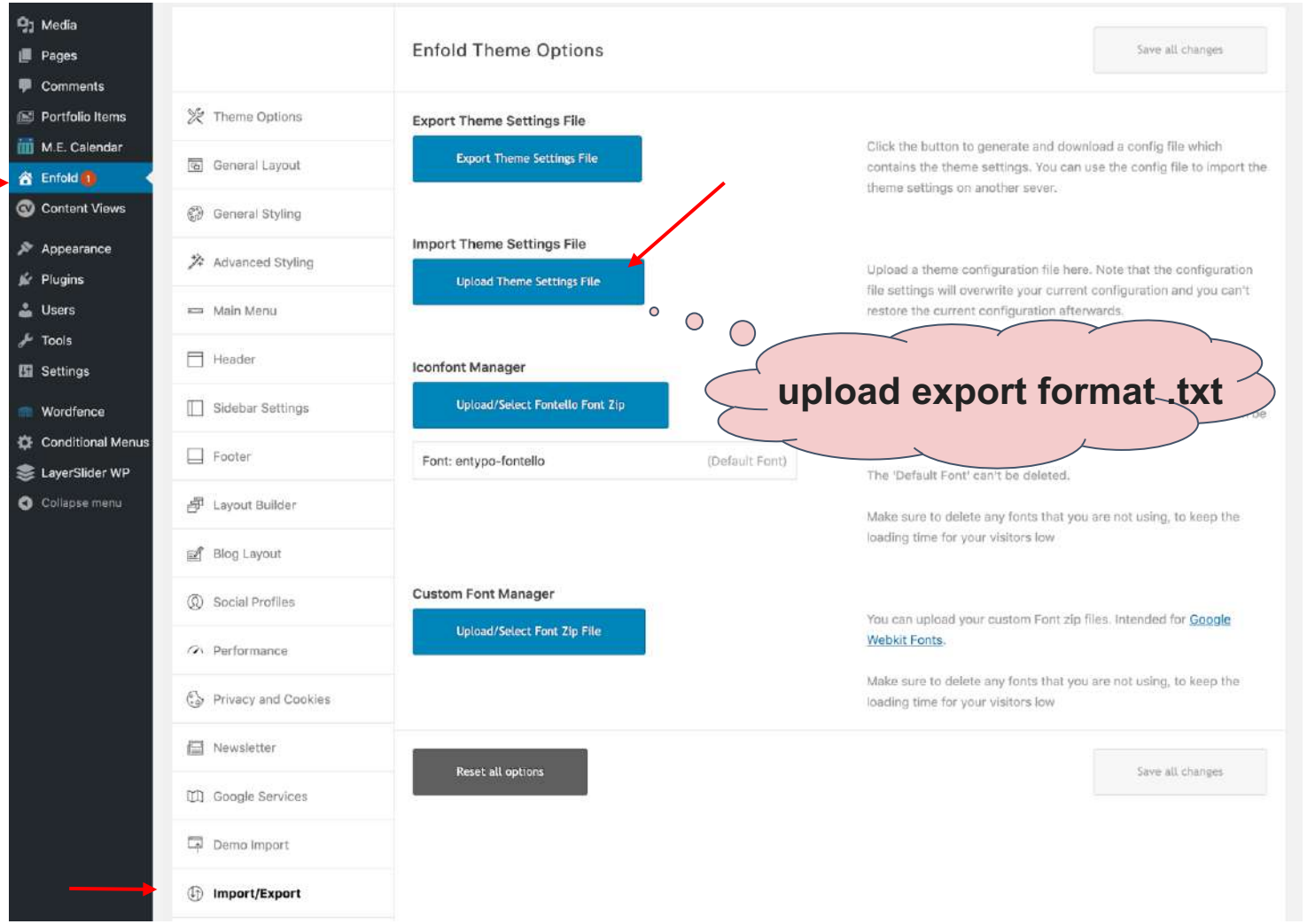
Export Theme

if you want to export theme wordpress

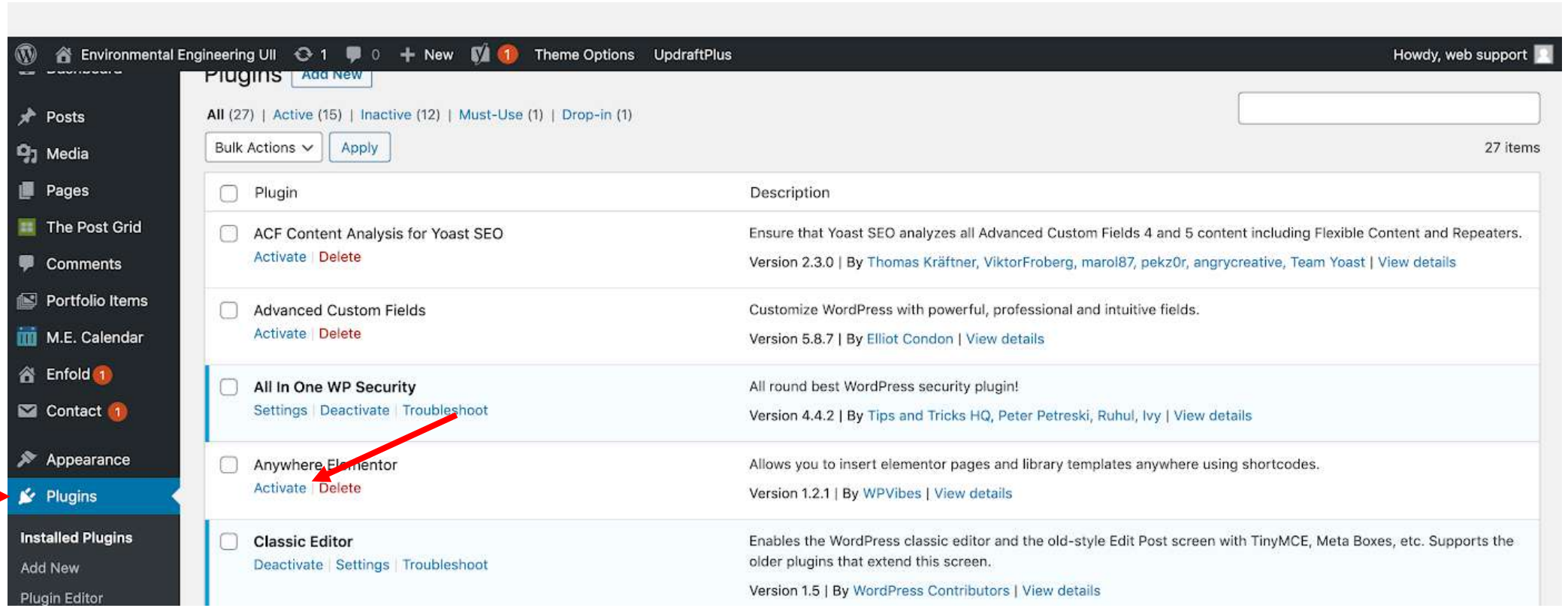


Import Theme

if you want to import theme wordpress

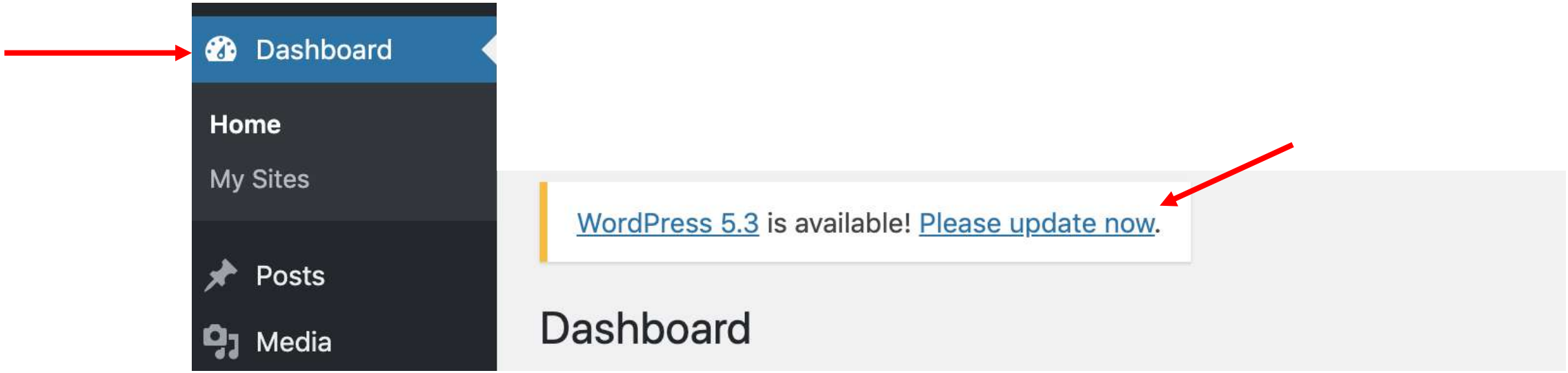


Update Plugin



Update Wordpress

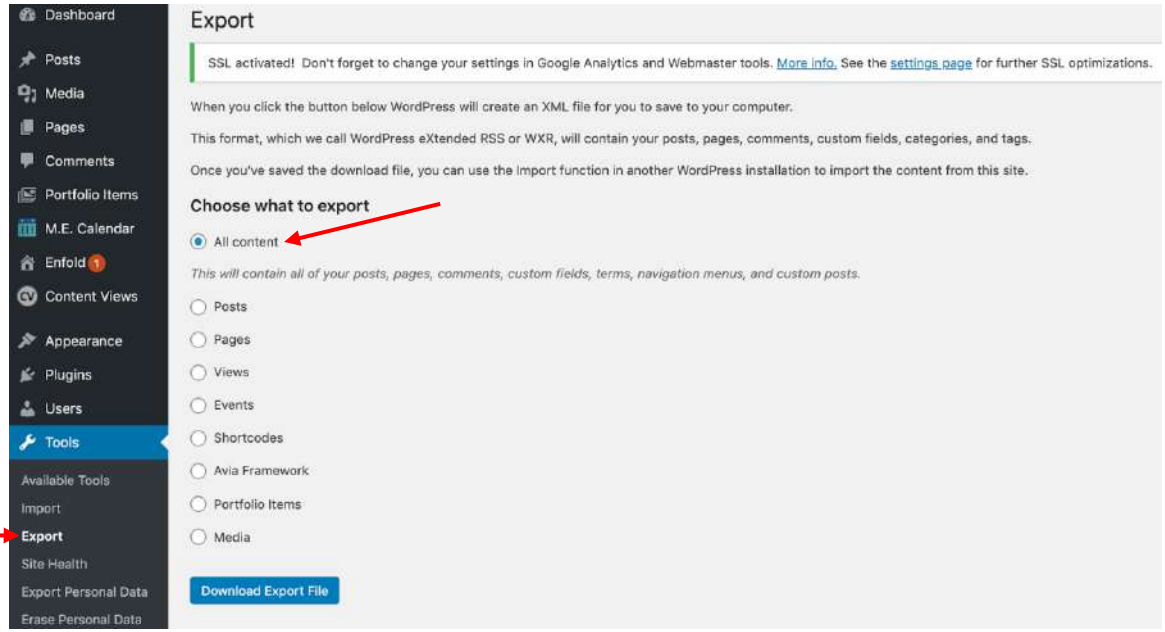
if you want to do an update, you must always backup first



Export Wordpress

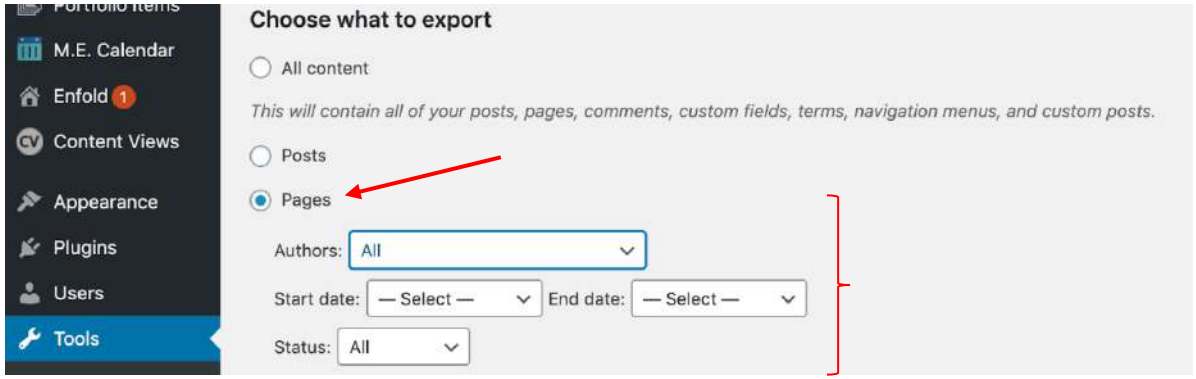
if you want to export data or display from wordpress

1

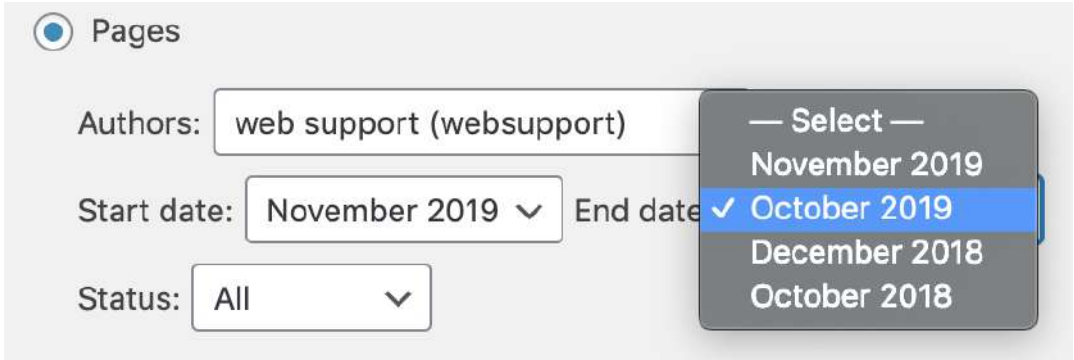


file format will be .txt

2



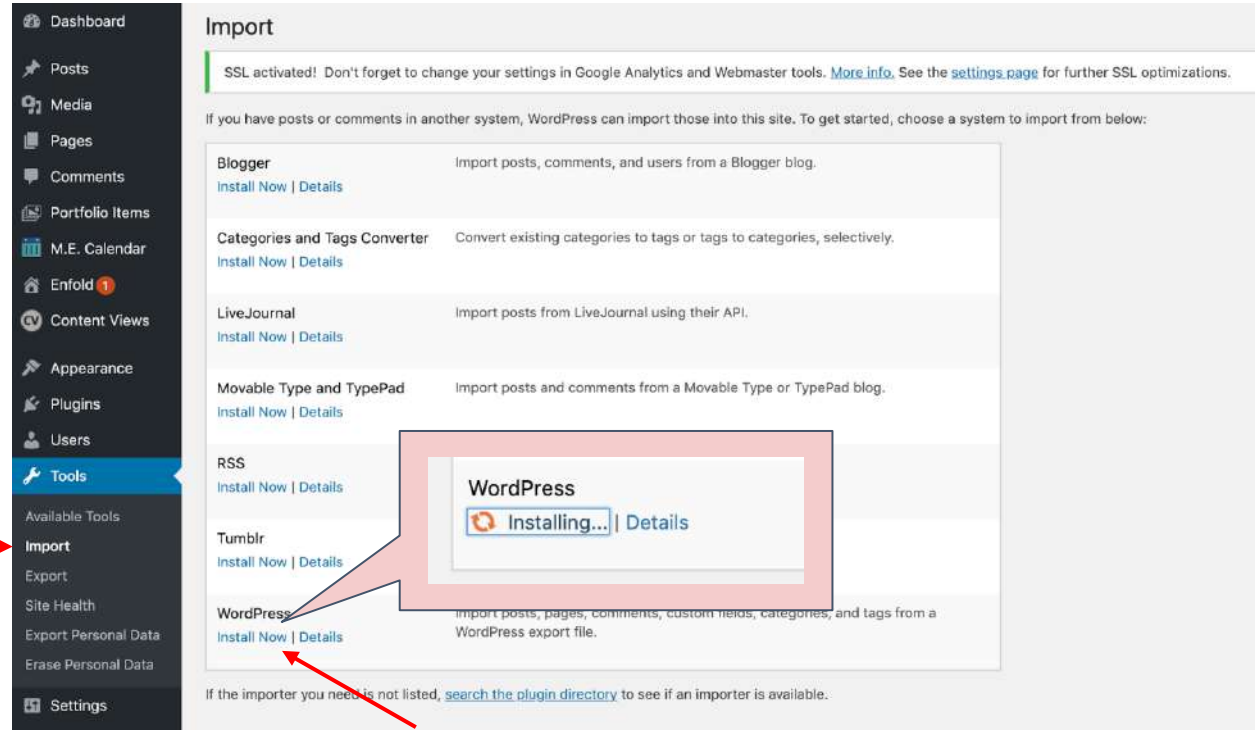
3



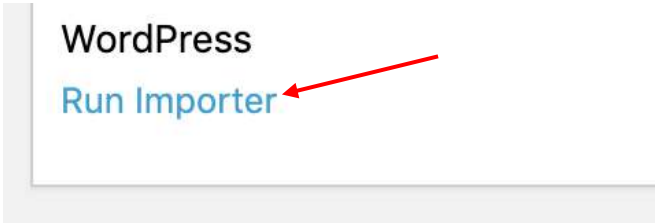
Import Wordpress

if you want to import data or display from wordpress

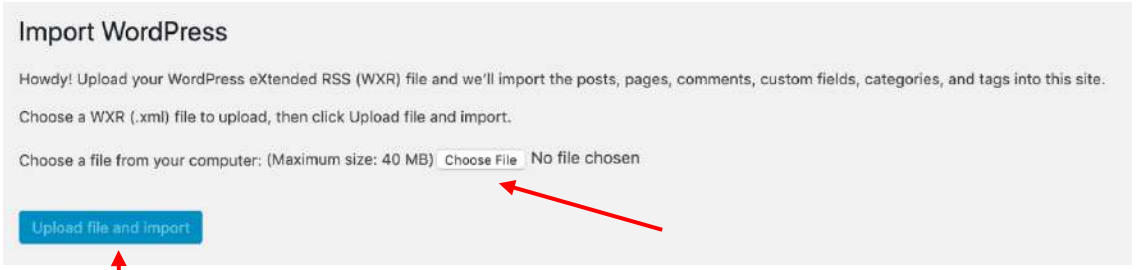
1



2



3



Thank You and Questions