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Apache2 : Blog System : WordPress　2022/05/12

Install the Blog System, WordPress.

[1] Configure PHP + PHP-FPM, refer to here.

[2] Install MariaDB Server, refer to here.

[3] Install other required PHP modules.

```
root@www:~#
apt -y install php-common php-gd php-mysql php-enchant hunspell

root@www:~#
vi /etc/php/8.1/fpm/pool.d/www.conf

;; add to the end
;; maybe you need to configure parameters below for your usage
php_value[max_execution_time] = 600
php_value[memory_limit] = 2G
php_value[post_max_size] = 2G
php_value[upload_max_filesize] = 2G
php_value[max_input_time] = 600
php_value[max_input_vars] = 2000
php_value[date.timezone] = Asia/Tokyo

root@www:~#
systemctl restart php8.1-fpm
```

[4] Create User and Database on MariaDB for WordPress.

```
root@www:~#
mysql

Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 37
Server version: 10.6.7-MariaDB-2ubuntu1 Ubuntu 22.04

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> create database wordpress;
```

```
Query OK, 1 row affected (0.00 sec)

MariaDB [(none)]> grant all privileges on wordpress.* to wordpress@'localhost' identified by 'password';
Query OK, 0 rows affected (0.00 sec)

MariaDB [(none)]> exit
Bye
```

[5] Configure Apache2 for WordPress.

root@www:~#
wget https://wordpress.org/latest.tar.gz

root@www:~#
tar zxvf latest.tar.gz -C /var/www/

root@www:~#
chown -R www-data. /var/www/wordpress

root@www:~#
vi /etc/apache2/conf-available/wordpress.conf
create new

```
Timeout 600
ProxyTimeout 600

Alias /wordpress "/var/www/wordpress/"
DirectoryIndex index.php index.html index.htm
<Directory "/var/www/wordpress">
    Options FollowSymLinks
    AllowOverride All
    Require all granted

    <FilesMatch \.(php|phar)$>
        SetHandler "proxy:unix:/var/run/php/php8.1-fpm.sock|fcgi://localhost/"
    </FilesMatch>
</Directory>
```

root@www:~#
a2enconf wordpress

```
Enabling conf wordpress.
To activate the new configuration, you need to run:
  systemctl reload apache2
```

root@www:~#
systemctl reload apache2

[6] Access to the URL [https://(Server's Hostname or IP address)/wordpress/] with Web browser on any Client, then following screen is displayed. Click [Let's go!] button.
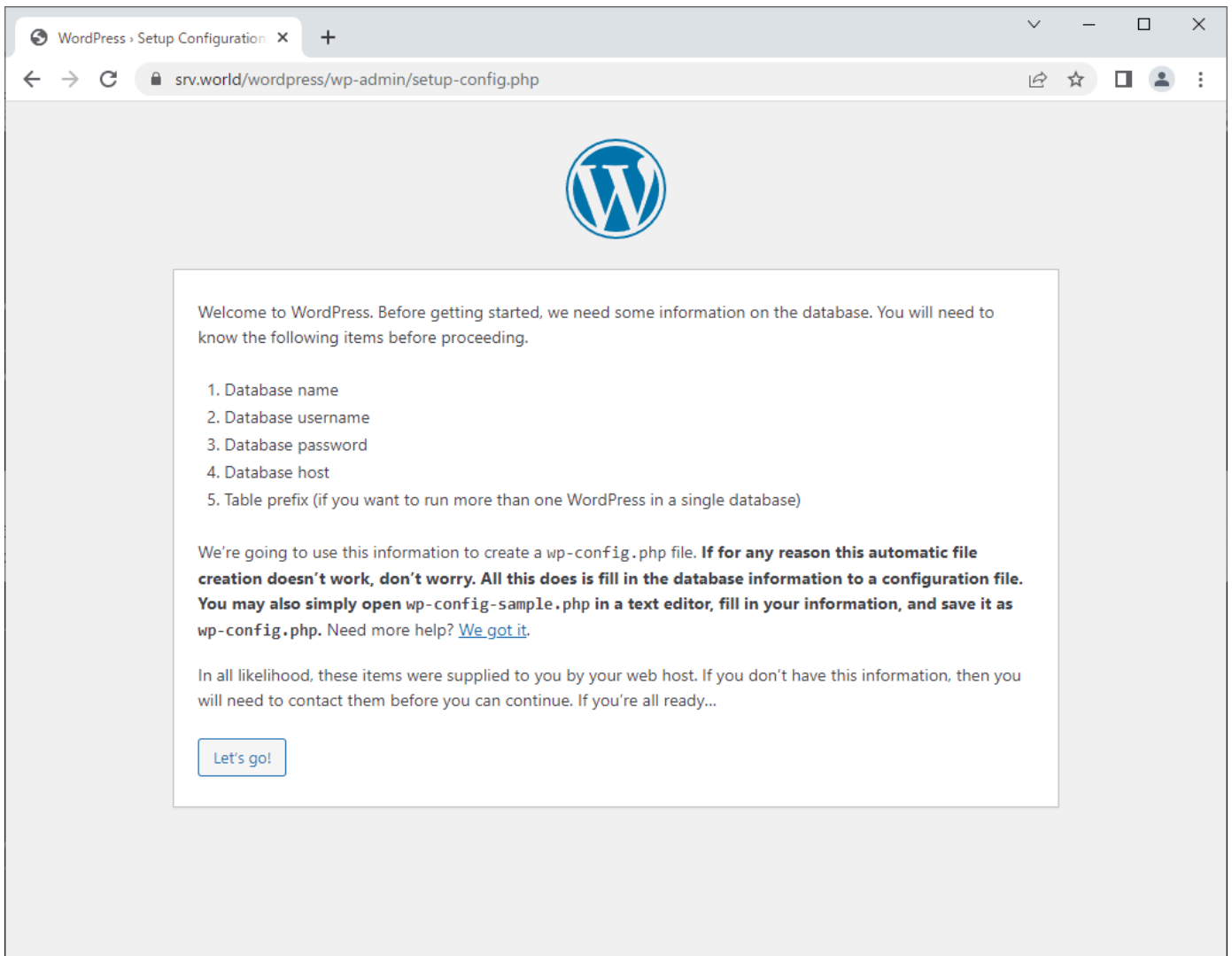
[7] Configure Database connection information. Specify MariaDB user and database you added on [4].

WordPress › Setup Configuration   ×   +

← → C   🔒 srv.world/wordpress/wp-admin/setup-config.php?step=1

Below you should enter your database connection details. If you're not sure about these, contact your host.

Database Name | wordpress | The name of the database you want to use with WordPress.

Username | wordpress | Your database username.

Password | password | Your database password.

Database Host | localhost | You should be able to get this info from your web host, if localhost doesn't work.

Table Prefix | wp_ | If you want to run multiple WordPress installations in a single database, change this.

Submit

[8] Click the [Run the installation] button.

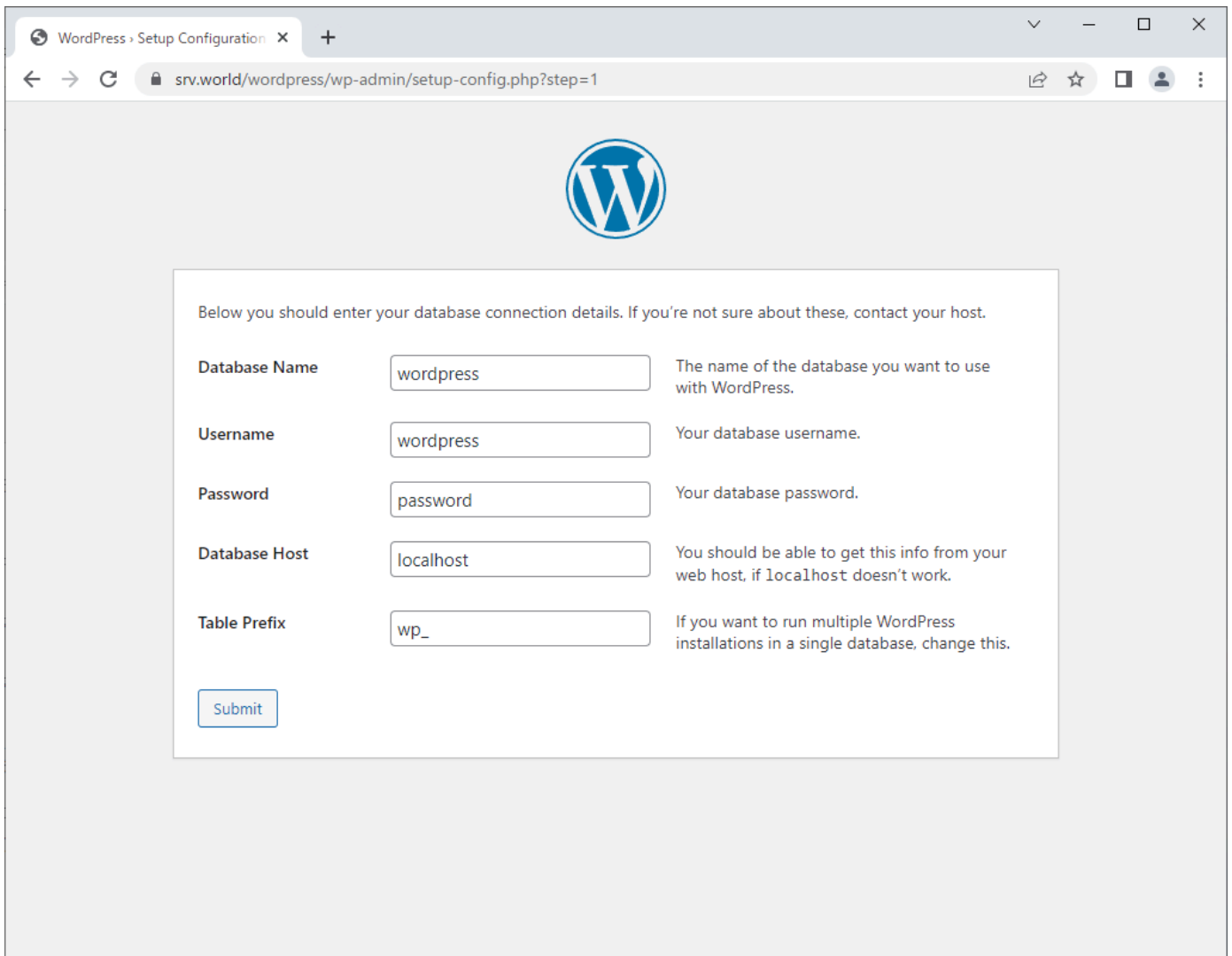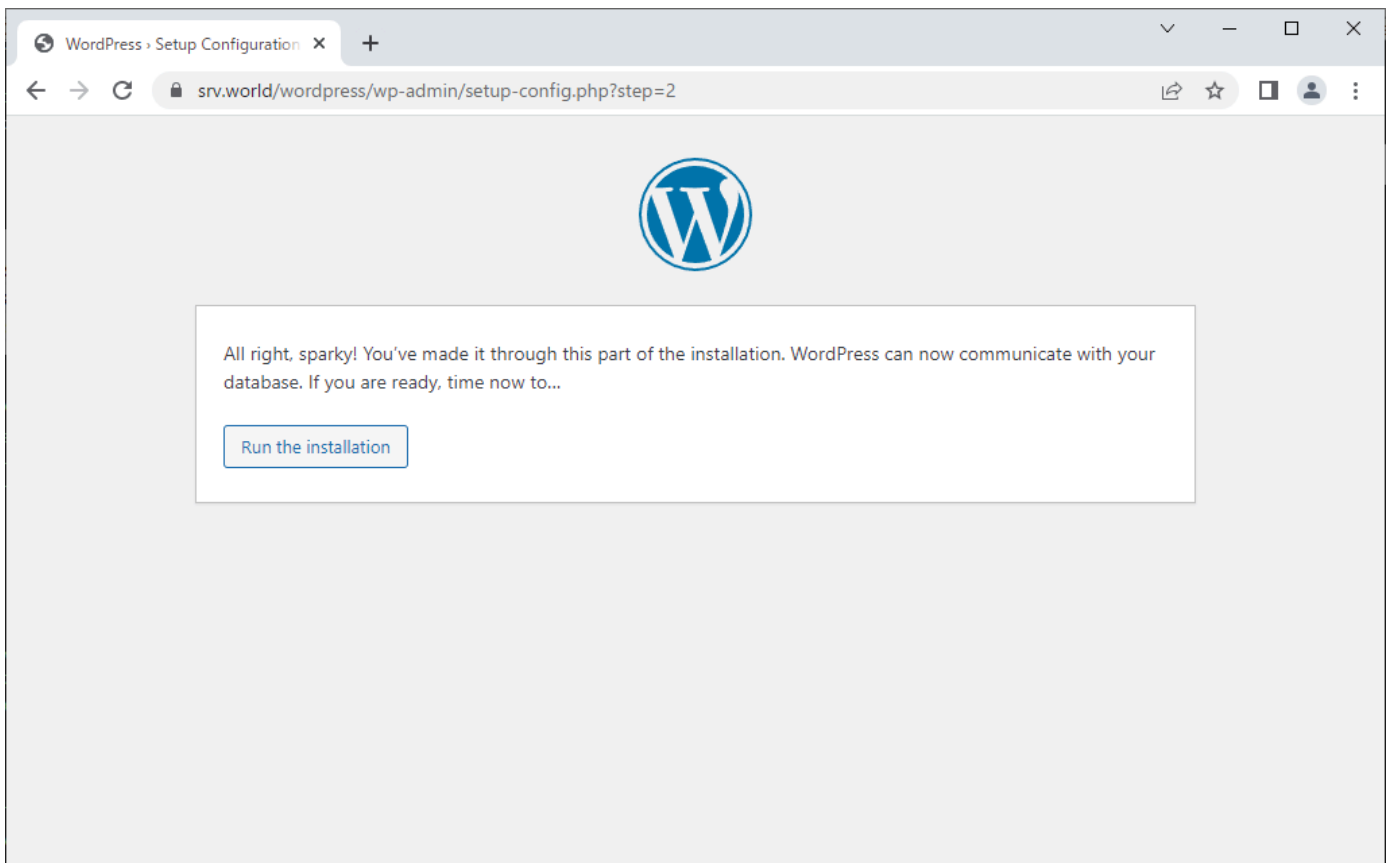WordPress › Setup Configuration   ×   +

← → C   🔒 srv.world/wordpress/wp-admin/setup-config.php?step=2

All right, sparky! You've made it through this part of the installation. WordPress can now communicate with your database. If you are ready, time now to...

Run the installation

[9] Set Blog site title and Administrative user account for WordPress.

[10] That's OK if [Success!] is displayed like follows. Click the [Log in] button.
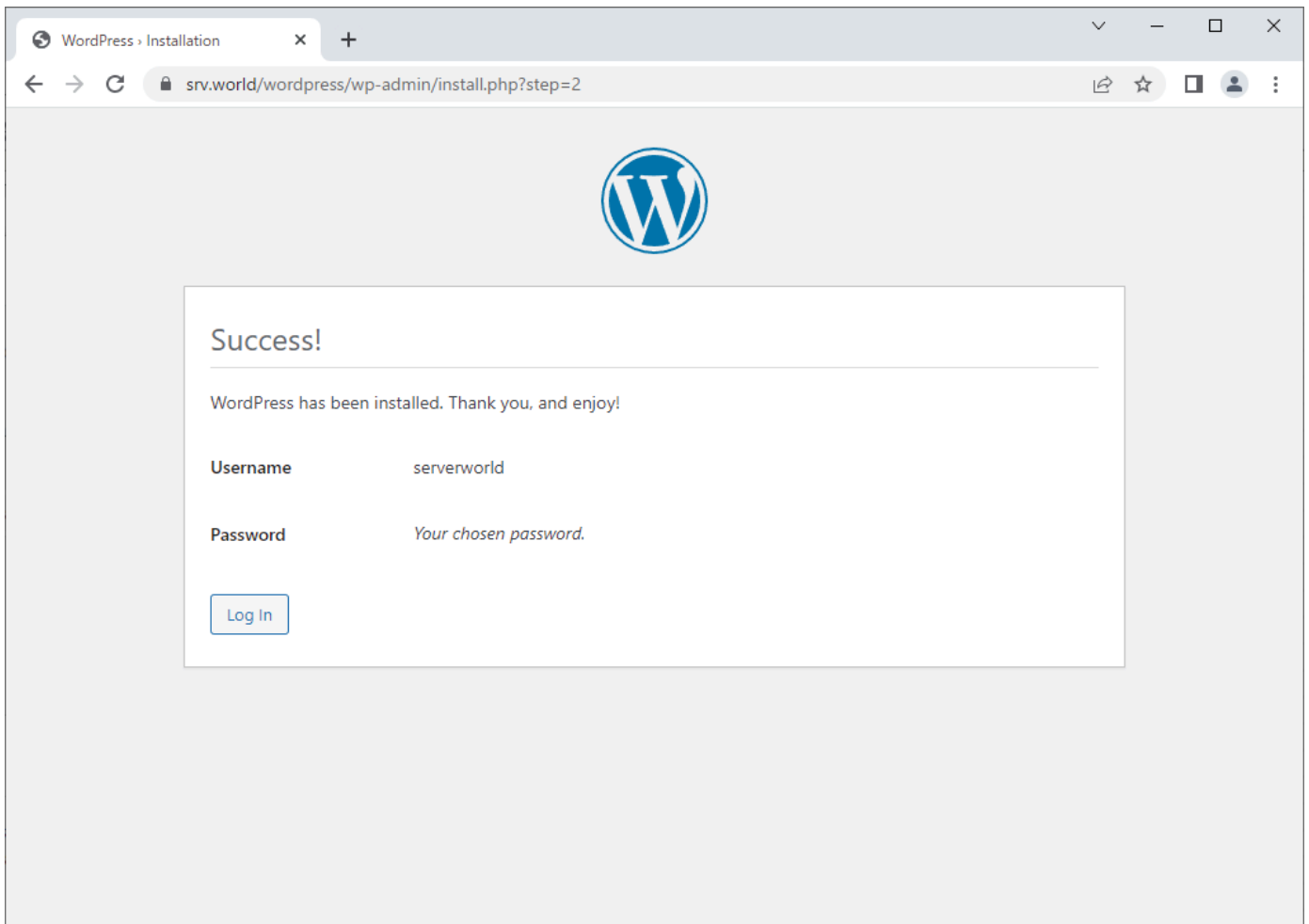
[11] Login with the administrative user you added in [9].
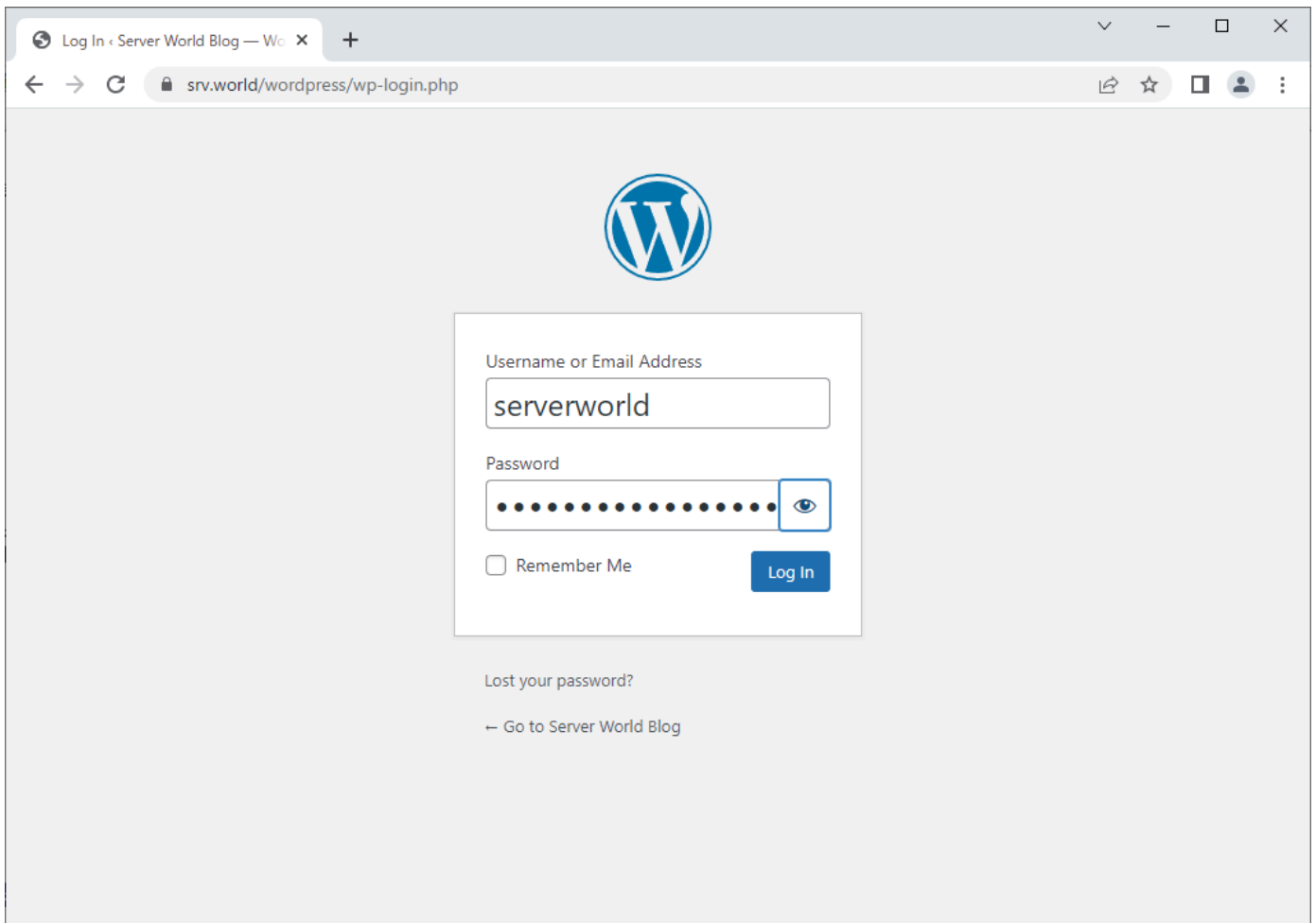
[12] This is the WordPress management site. You can add daily posts and other many tasks on here.

[13] For Blog's top page, it's [(your server's hostname or IP address)/wordpress/]. Try to add a post to verify working normally.

Server World Blog   Sample Page

Initial Posting

This is my first blog posting.

May 12, 2022   serverworld   Uncategorized

Leave a Reply

Logged in as serverworld. Log out? Required fields are marked *

Comment *

M a t c h e d   C o n t e n t

Ubuntu 22.04 : Apache2
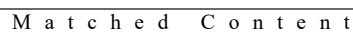
- (16) Configure mod_http2
- (17) Configure mod_evasive
- (18) Log Report : AWStats
- (19) Blog System : WordPress
- (20) Web Mail : RoundCube
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