

Laporan Pratikum

Membuat Website dan Database Menggunakan Ubuntu



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RKS 3B PAGI

Langkah pertama kita masuk sebagai pengguna root ke sistem dan perbarui sistem dengan cara **apt update && apt upgrade**

```
on proxy settings

Last login: Fri Sep 30 11:25:36 UTC 2022 on tty1
ron11@ron11:~$ sudo su
[sudo] password for ron11:
root@ron11:~# apt update && apt upgrade
Hit:1 http://id.archive.ubuntu.com/ubuntu focal InRelease
Get:2 http://id.archive.ubuntu.com/ubuntu focal-updates InRelease [114 kB]
Get:3 http://id.archive.ubuntu.com/ubuntu focal-backports InRelease [108 kB]
Get:4 http://id.archive.ubuntu.com/ubuntu focal-security InRelease [114 kB]
Get:5 http://id.archive.ubuntu.com/ubuntu focal-updates/main amd64 Packages [2,424 kB]
Get:6 http://id.archive.ubuntu.com/ubuntu focal-updates/main Translation-en [376 kB]
Get:7 http://id.archive.ubuntu.com/ubuntu focal-updates/main amd64 c-n-f Metadata [16,0 kB]
Get:8 http://id.archive.ubuntu.com/ubuntu focal-updates/restricted amd64 Packages [1,298 kB]
Get:9 http://id.archive.ubuntu.com/ubuntu focal-updates/restricted Translation-en [184 kB]
Get:10 http://id.archive.ubuntu.com/ubuntu focal-updates/universe amd64 Packages [958 kB]
Get:11 http://id.archive.ubuntu.com/ubuntu focal-updates/universe Translation-en [219 kB]
Get:12 http://id.archive.ubuntu.com/ubuntu focal-updates/universe amd64 c-n-f Metadata [21,6 kB]
Get:13 http://id.archive.ubuntu.com/ubuntu focal-backports/universe amd64 Packages [23,9 kB]
Get:14 http://id.archive.ubuntu.com/ubuntu focal-backports/universe amd64 c-n-f Metadata [960 B]
Get:15 http://id.archive.ubuntu.com/ubuntu focal-security/main amd64 Packages [1,748 kB]
Get:16 http://id.archive.ubuntu.com/ubuntu focal-security/main Translation-en [292 kB]
Get:17 http://id.archive.ubuntu.com/ubuntu focal-security/main amd64 c-n-f Metadata [11,1 kB]
Get:18 http://id.archive.ubuntu.com/ubuntu focal-security/restricted amd64 Packages [1,209 kB]
Get:19 http://id.archive.ubuntu.com/ubuntu focal-security/restricted Translation-en [171 kB]
Get:20 http://id.archive.ubuntu.com/ubuntu focal-security/universe amd64 Packages [760 kB]
Get:21 http://id.archive.ubuntu.com/ubuntu focal-security/universe Translation-en [193 kB]
Get:22 http://id.archive.ubuntu.com/ubuntu focal-security/universe amd64 c-n-f Metadata [15,1 kB]
Fetched 9,865 kB in 6s (1,707 kB/s)
Reading package lists... Done
Building dependency tree
Reading state information... Done
56 packages can be upgraded. Run 'apt list --upgradable' to see them.
```

Setelah itu kita lanjut menginstal Apache dengan cara **apt install apache2**

```
 sourcing file /etc/default/grub
 sourcing file /etc/default/grub.d/init-select.cfg
 generating grub configuration file ...
 found linux image /boot/vmlinuz-5.4.0-125-generic
 found initrd image /boot/initrd.img-5.4.0-125-generic
 found linux image /boot/vmlinuz-5.4.0-125-generic
 found initrd image /boot/initrd.img-5.4.0-125-generic
 root@ron11:~# apt update && apt upgrade
Hit:1 http://id.archive.ubuntu.com/ubuntu focal InRelease
Hit:2 http://id.archive.ubuntu.com/ubuntu focal-updates InRelease
Hit:3 http://id.archive.ubuntu.com/ubuntu focal-backports InRelease
Hit:4 http://id.archive.ubuntu.com/ubuntu focal-security InRelease
Reading package lists... Done
Building dependency tree
Reading state information... Done
11 packages are up to date.
Reading package lists... Done
Building dependency tree
Reading state information... Done
Calculating upgrade... Done
The following packages were automatically installed and are no longer required:
  libevent-core-2.1-7 libevent-pthreads-2.1-7 libfawcudduini libmecab2 mecab-iodic
  mecab-iodic-utf8 mecab-utils
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
root@ron11:~# apt install apache2
Reading package lists... Done
Building dependency tree
Reading state information... Done
apache2 is already the newest version (2.4.41-4ubuntu0.12).
The following packages were automatically installed and are no longer required:
  libevent-core-2.1-7 libevent-pthreads-2.1-7 libfawcudduini libmecab2 mecab-iodic
  mecab-iodic-utf8 mecab-utils
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
root@ron11:~#
```

Setelah itu kita cek status dengan **systemctl status apache2**

```
Reading state information... Done
Calculating upgrade... Done
The following packages were automatically installed and are no longer required:
  libevent-core-2.1-7 libevent-pthreads-2.1-7 libfawcudduini libmecab2 mecab-iodic
  mecab-iodic-utf8 mecab-utils
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
root@ron11:~# apt install apache2
Reading package lists... Done
Building dependency tree
Reading state information... Done
apache2 is already the newest version (2.4.41-4ubuntu0.12).
The following packages were automatically installed and are no longer required:
  libevent-core-2.1-7 libevent-pthreads-2.1-7 libfawcudduini libmecab2 mecab-iodic
  mecab-iodic-utf8 mecab-utils
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
root@ron11:~# systemctl status apache2
apache2.service - The Apache HTTP Server
   Loaded: loaded (/lib/systemd/system/apache2.service; enabled; vendor preset: enabled)
   Active: active (running) since Fri 2022-09-30 11:32:15 UTC; 15min ago
     Docs: https://httpd.apache.org/docs/2.4/
   Main PID: 1032 (apache2)
     Tasks: 6 (limit: 2326)
    Memory: 18.7M
    CGroup: /system.slice/apache2.service
            └─1032 /usr/sbin/apache2 -k start
              └─1052 /usr/sbin/apache2 -k start
                └─1053 /usr/sbin/apache2 -k start
                  └─1054 /usr/sbin/apache2 -k start
                    └─1055 /usr/sbin/apache2 -k start
                      └─1056 /usr/sbin/apache2 -k start

Sep 30 11:32:15 ron11 systemd[1]: Starting The Apache HTTP Server...
Sep 30 11:32:15 ron11 systemctl[1041]: apache2: Could not reliably determine the server's v
Sep 30 11:32:15 ron11 systemd[1]: Started The Apache HTTP Server.
```

Langkah kedua kita akan menginstal mesin database MariaDB untuk menyimpan file

Wordpress kita dengan cara **apt install mariadb-server mariadb-client**

```
Reading package lists... Done
Building dependency tree
Reading state information... Done
mariadb-client is already the newest version (1:10.3.34-0ubuntu0.20.04.1).
mariadb-server is already the newest version (1:10.3.34-0ubuntu0.20.04.1).
The following packages were automatically installed and are no longer required:
  libevent-core-2.1-7 libevent-pthreads-2.1-7 libfupdplugin1 libmecab2 mecab-ipadic
  mecab-ipadic-utf8 mecab-utils
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
root@ron11:/home/ron11# apt install mariadb-server mariadb-client
Reading package lists... Done
Building dependency tree
Reading state information... Done
mariadb-client is already the newest version (1:10.3.34-0ubuntu0.20.04.1).
mariadb-server is already the newest version (1:10.3.34-0ubuntu0.20.04.1).
The following packages were automatically installed and are no longer required:
  libevent-core-2.1-7 libevent-pthreads-2.1-7 libfupdplugin1 libmecab2 mecab-ipadic
  mecab-ipadic-utf8 mecab-utils
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 0 not upgraded.
root@ron11:/home/ron11#
```

Langkah ketiga kita akan menginstal PHP dengan cara **apt install php php-mysql**

```
DB Server - VMware Workstation 16 Player (Non-commercial use only)
Player
root@ron12:/home/ron12# mysql_secure_installation

NOTE: RUNNING ALL PARTS OF THIS SCRIPT IS RECOMMENDED FOR ALL MariaDB
SERVERS IN PRODUCTION USE! PLEASE READ EACH STEP CAREFULLY!

In order to log into MariaDB to secure it, we'll need the current
password for the root user. If you've just installed MariaDB, and
you haven't set the root password yet, the password will be blank,
so you should just press enter here.

Enter current password for root (enter for none):
OK, successfully used password, moving on...

Setting the root password ensures that nobody can log into the MariaDB
root user without the proper authorization.

Set root password? [Y/n] y
New password:
Re-enter new password:
Password updated successfully!
Reloading privilege tables..
... Success!

By default, a MariaDB installation has an anonymous user, allowing anyone
to log into MariaDB without having to have a user account created for
them. This is intended only for testing, and to make the installation
go a bit smoother. You should remove them before moving into a
production environment.

Remove anonymous users? [Y/n] y
... Success!

Normally, root should only be allowed to connect from 'localhost'. This
ensures that someone cannot guess at the root password from the network.

Disallow root login remotely? [Y/n] _
... Success!
```

```
DB Server - VMware Workstation 16 Player (Non-commercial use only)
Player
To log into MariaDB without having to have a user account created for
them. This is intended only for testing, and to make the installation
go a bit smoother. You should remove them before moving into a
production environment.

Remove anonymous users? [Y/n] y
... Success!

Normally, root should only be allowed to connect from 'localhost'. This
ensures that someone cannot guess at the root password from the network.

Disallow root login remotely? [Y/n] y
... Success!

By default, MariaDB comes with a database named 'test' that anyone can
access. This is also intended only for testing, and should be removed
before moving into a production environment.

Remove test database and access to it? [Y/n] y
- Dropping test database...
... Success!
- Removing privileges on test database...
... Success!

Reloading the privilege tables will ensure that all changes made so far
will take effect immediately.

Reload privilege tables now? [Y/n] y
... Success!

Cleaning up...

All done! If you've completed all of the above steps, your MariaDB
installation should now be secure.

Thanks for using MariaDB!
root@ron12:/home/ron12#
```

Untuk mengonfirmasi bahwa PHP telah diinstal **vim /var/www/html/info.php**


```

root@kali:~# curl -i http://10.10.10.10/info.php
HTTP/1.1 200 OK
Server: Apache/2.4.18 (Ubuntu)
Date: Mon, 11 Jun 2018 12:00:00 GMT
Content-Type: text/html
Content-Length: 113
Last-Modified: Mon, 11 Jun 2018 12:00:00 GMT
ETag: "5b1d1111-71"
X-Frame-Options: DENY
X-XSS-Protection: 1; mode=block
X-Content-Type-Options: nosniff
Accept-Ranges: bytes

<pre>phpinfo();</pre>

```

PHP Version 7.4.3



System	Linux ron12 5.4.0-125-generic #141-Ubuntu SMP Wed Aug 10 13:42:03 UTC 2022 x86_64
Build Date	Aug 17 2022 13:29:56
Server API	Apache 2.0 Handler
Virtual Directory Support	disabled
Configuration File (php.ini) Path	/etc/php/7.4/apache2
Loaded Configuration File	/etc/php/7.4/apache2/php.ini
Scan this dir for additional .ini files	/etc/php/7.4/apache2/conf.d
Additional .ini files parsed	/etc/php/7.4/apache2/conf.d/10-mysqlnd.ini, /etc/php/7.4/apache2/conf.d/10-opcache.ini, /etc/php/7.4/apache2/conf.d/10-pdo.ini, /etc/php/7.4/apache2/conf.d/20-calendar.ini, /etc/php/7.4/apache2/conf.d/20-ctype.ini, /etc/php/7.4/apache2/conf.d/20-exif.ini, /etc/php/7.4/apache2/conf.d/20-ftp.ini, /etc/php/7.4/apache2/conf.d/20-gdlib.ini, /etc/php/7.4/apache2/conf.d/20-gmp.ini, /etc/php/7.4/apache2/conf.d/20-iconv.ini, /etc/php/7.4/apache2/conf.d/20-ldap.ini, /etc/php/7.4/apache2/conf.d/20-mbstring.ini, /etc/php/7.4/apache2/conf.d/20-mysqli.ini, /etc/php/7.4/apache2/conf.d/20-pdo_mysql.ini, /etc/php/7.4/apache2/conf.d/20-phar.ini, /etc/php/7.4/apache2/conf.d/20-posix.ini, /etc/php/7.4/apache2/conf.d/20-readline.ini, /etc/php/7.4/apache2/conf.d/20-shmop.ini, /etc/php/7.4/apache2/conf.d/20-sockets.ini, /etc/php/7.4/apache2/conf.d/20-sysmsg.ini, /etc/php/7.4/apache2/conf.d/20-sysvsem.ini, /etc/php/7.4/apache2/conf.d/20-sysvshm.ini, /etc/php/7.4/apache2/conf.d/20-tokenizer.ini
PHP API	20190902
PHP Extension	20190902
Zend Extension	320190902
Zend Extension Build	API320190902.NTS
PHP Extension Build	API20190902.NTS
Debug Build	no
Thread Safety	disabled
Zend Signal Handling	enabled
Zend Memory Manager	enabled
Zend Multibyte Support	disabled
IPv6 Support	enabled
DTrace Support	available: disabled

Langkah berikutnya Membuat Data Base Wordpress
masuk ke database MariaDB kami sebagai root

- ✓ `mysql -u root -p`
Buat database untuk instalasi WordPress
- ✓ `CREATE DATABASE wordpress_db;`

Selanjutnya, buat pengguna database untuk pengaturan WordPress

- ✓ `CREATE USER 'wp_user'@'localhost' IDENTIFIED BY 'password';`
- ✓ `GRANT ALL ON wordpress_db.* TO 'wp_user'@'localhost' IDENTIFIED BY 'password';`
- ✓ `FLUSH PRIVILEGES;`

`Exit;`

```

root@roni2:/home/roni2# mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 44
Server version: 10.3.34-MariaDB-0ubuntu0.20.04.1 Ubuntu 20.04

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)]> _

```

```

MariaDB [(none)]> CREATE DATABASE wordpress_db;
Query OK, 1 row affected (0.000 sec)

MariaDB [(none)]> CREATE USER 'wp_user'@'localhost' IDENTIFIED BY 'password';
Query OK, 0 rows affected (0.000 sec)

MariaDB [(none)]> GRANT ALL ON wordpress_db.* TO 'wp_user'@'localhost' IDENTIFIED BY 'password';
Query OK, 0 rows affected (0.000 sec)

MariaDB [(none)]> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.001 sec)

MariaDB [(none)]> exit;

```

Langkah selanjutnya Instal WordPress CMS

Buka direktori temp Anda dan unduh File WordPress terbaru

cd /tmp && wget https://wordpress.org/latest.tar.gz

```

root@roni2:/home/roni2# cd /tmp && wget https://wordpress.org/latest.tar.gz
--2022-10-01 04:53:38-- https://wordpress.org/latest.tar.gz
Resolving wordpress.org (wordpress.org)... 198.143.164.252
Connecting to wordpress.org (wordpress.org)|198.143.164.252|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 21172479 (20M) [application/octet-stream]
Saving to: 'latest.tar.gz'

latest.tar.gz      81%[=====>] 16.55M  1.87MB/s  eta 2s
player

```

```
wordpress/wp-admin/js/inline-edit-post.js
wordpress/wp-admin/js/updates.js
wordpress/wp-admin/js/media-upload.js
wordpress/wp-admin/js/media.js
wordpress/wp-admin/js/editor-expand.min.js
wordpress/wp-admin/js/media-gallery.min.js
wordpress/wp-admin/js/common.min.js
wordpress/wp-admin/js/tags-box.min.js
wordpress/wp-admin/js/svg-painter.min.js
wordpress/wp-admin/js/custom-background.js
wordpress/wp-admin/js/color-picker.min.js
wordpress/wp-admin/js/auth-app.js
wordpress/wp-admin/js/code-editor.js
wordpress/wp-admin/js/common.js
wordpress/wp-admin/js/set-post-thumbnail.min.js
wordpress/wp-admin/js/postbox.min.js
wordpress/wp-admin/js/color-picker.js
wordpress/wp-admin/js/password-strength-meter.js
wordpress/wp-admin/js/customize-nav-menus.js
wordpress/wp-admin/js/editor-expand.js
wordpress/wp-admin/js/code-editor.min.js
wordpress/wp-admin/js/set-post-thumbnail.js
wordpress/wp-admin/options-permalink.php
wordpress/wp-admin/widgets.php
wordpress/wp-admin/setup-config.php
wordpress/wp-admin/install.php
wordpress/wp-admin/admin-header.php
wordpress/wp-admin/post-new.php
wordpress/wp-admin/themes.php
wordpress/wp-admin/options-reading.php
wordpress/wp-trackback.php
wordpress/wp-comments-post.php
root@roni2:/tmp# _
```

```
cp -R wordpress /var/www/html/  
chmod -R 755 /var/www/html/wordpress/  
chown -R www-data:www-data /var/www/html/wordpress/wp-content/uploads/  
https://server-ip/wordpress
```

```
root@roni2:/tmp# cp -R wordpress /var/www/html/  
root@roni2:/tmp# chown -R www-data:www-data /var/www/html/wordpress/  
root@roni2:/tmp# chmod -R 755 /var/www/html/wordpress/  
root@roni2:/tmp# mkdir /var/www/html/wordpress/wp-content/uploads  
root@roni2:/tmp# chown -R www-data:www-data /var/www/html/wordpress/wp-content/uploads  
root@roni2:/tmp# _
```




English (United States)

Afrikaans

አማርኛ

Aragonés

العربية

العربية المغربية

অসমীয়া

گۆنئی آذربایجان

Azərbaycan dili

Беларуская мова

Български

বাংলা

བོད་ཡིག

Bosanski

Català

Cebuano

Čeština

Cymraeg

Dansk


Deutsch (Sie)

Deutsch

..

Continue

Not secure | 192.168.18.130/wordpress/wp-admin/setup-config.php?step=1




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

Database Name	<input type="text" value="wordpress_db"/>	The name of the database you want to use with WordPress.
Username	<input type="text" value="wp_user"/>	Your database username.
Password	<input type="password" value="password"/>	Your database password.
Database Host	<input type="text" value="localhost"/>	You should be able to get this info from your web host, if localhost does not work.
Table Prefix	<input type="text" value="wp_"/>	If you want to run multiple WordPress installations in a single database, change this.

Show all

Not secure | 192.168.18.130/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...

Not secure | 192.168.18.130/wordpress/wp-admin/install.php?language=en_US

Welcome to the famous five-minute WordPress installation process! Just fill in the information below and you'll be on your way to using the most extendable and powerful personal publishing platform in the world.

Information needed

Please provide the following information. Do not worry, you can always change these settings later.

Site Title

Username
Usernames can have only alphanumeric characters, spaces, underscores, hyphens, periods, and the @ symbol.


Password [Hide](#)
Medium
Important: You will need this password to log in. Please store it in a secure location.

Your Email
Double-check your email address before continuing.

Search engine visibility ☐ Discourage search engines from indexing this site
It is up to search engines to honor this request.

[Install WordPress](#)

Not secure | 192.168.18.130/wordpress/wp-admin/install.php?step=2



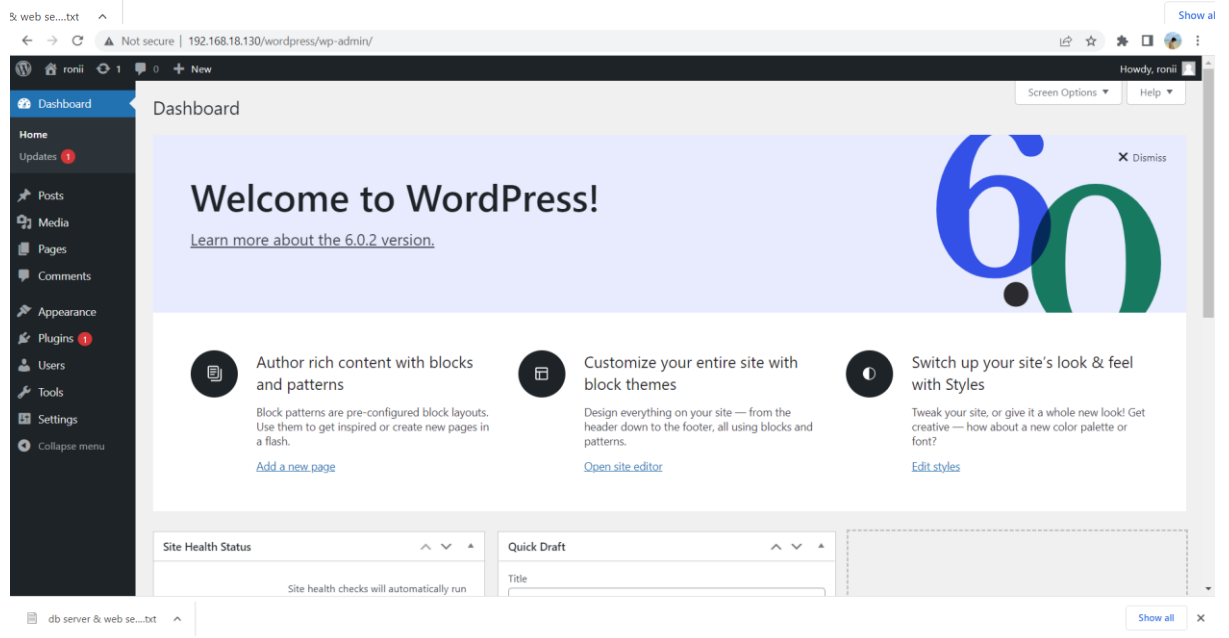
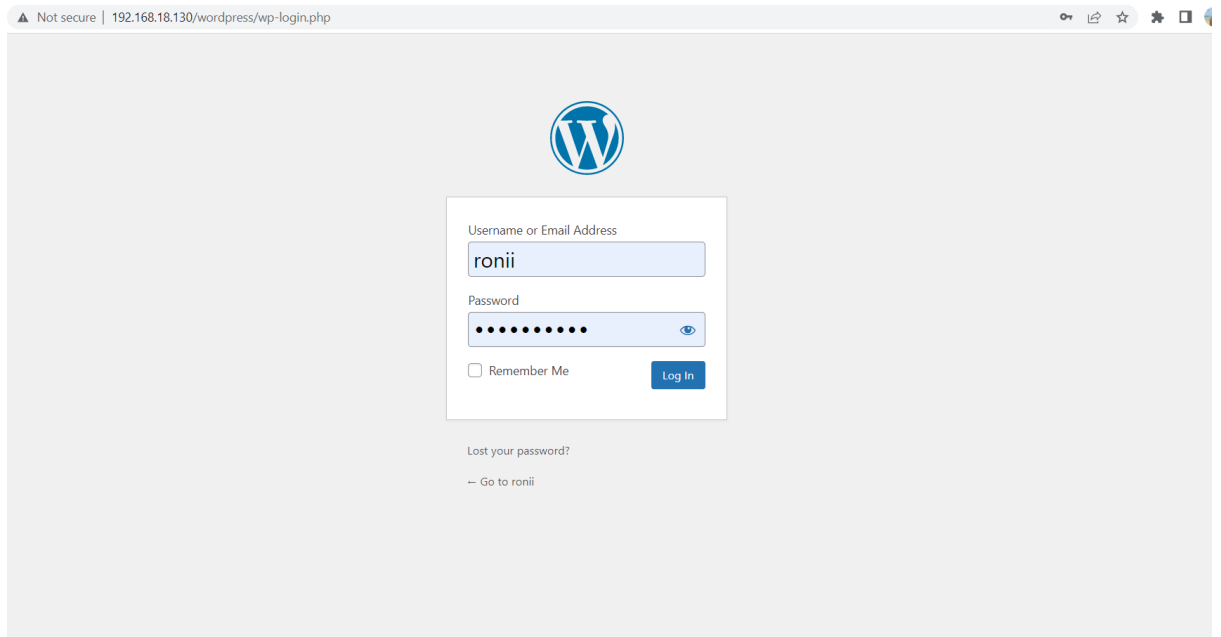
Success!

WordPress has been installed. Thank you, and enjoy!

Username ronii

Password *Your chosen password.*

[Log In](#)



localhost/phpmyadmin/index.php?route=/database/sql&db=wordpress

Server: 127.0.0.1 » Database: wordpress » Tabel: wp_users

Tampilkan kotak kueri

Menampilkan baris 0 - 0 (total 1, Pencarian dilakukan dalam 0,0002 detik.)

```
SELECT display_name FROM wp_users;
```

Profil [Edit kotak] [Ubah] [Jelaskan SQL] [Buat kode PHP] [Segarkan]

Tampilkan semua | Jumlah baris: 25 | Saring baris: Cari di tabel ini

Extra options

display_name

Ubah Salin Hapus Roni

Pilih Semua Dengan pilihan: Ubah Salin Hapus Ekspor

Tampilkan semua | Jumlah baris: 25 | Saring baris: Cari di tabel ini

Operasi hasil kueri

Cetak Salin ke clipboard Ekspor Tampilkan bagan Buat tampilan

Konsol

localhost/phpmyadmin/index.php?route=/database/sql&db=wordpress

Server: 127.0.0.1 » Database: wordpress » Tabel: wp_users

Tampilkan kotak kueri

Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Menampilkan baris 0 - 1 (total 2, Pencarian dilakukan dalam 0,0019 detik.)

```
SELECT user_email FROM wp_users UNION SELECT user_login FROM wp_users;
```

Profil [Edit kotak] [Ubah] [Jelaskan SQL] [Buat kode PHP] [Segarkan]

Tampilkan semua | Jumlah baris: 25 | Saring baris: Cari di tabel ini | Sort by key: Tidak ada

Extra options

user_email

ronilapendoz@gmail.com

Roni

Tampilkan semua | Jumlah baris: 25 | Saring baris: Cari di tabel ini | Sort by key: Tidak ada

Operasi hasil kueri

Cetak Salin ke clipboard Ekspor Tampilkan bagan Buat tampilan

Konsol

db server & web se...txt Show all

localhost/phpmyadmin/index.php?route=/database/sql&db=wordpress

Server: 127.0.0.1 » Database: wordpress » Tabel: wp_users

Tampilkan kotak kueri

Menampilkan baris 0 - 0 (total 1, Pencarian dilakukan dalam 5,0069 detik.)

```
SELECT*, sleep(5) FROM wp_users;
```

[Edit kotak] [Ubah] [Buat kode PHP]

Tampilkan semua | Jumlah baris: 25 | Saring baris: Cari di tabel ini

Extra options

ID	user_login	user_pass	user_nicename	user_email	user_uri	user_registered	user_activation_key
1	Roni	\$P\$BeULNu2MTvGW2fSKencpMcRE8O.	roni	ronilapendoz@gmail.com	http://localhost/wordpress	2022-09-05 10:29:39	

Pilih Semua Dengan pilihan: Ubah Salin Hapus Ekspor

Tampilkan semua | Jumlah baris: 25 | Saring baris: Cari di tabel ini

Operasi hasil kueri

Cetak Salin ke clipboard Ekspor Tampilkan bagan Buat tampilan

Konsol

← → ↻ localhost/phpmyadmin/index.php?route=/database/sql&db=wordpress

Server: 127.0.0.1 Database: wordpress

Struktur SQL Cari Kueri Ekspor Impor Operasi Hak Akses Routine Event Trigger Desainer

Terbaru Favorit

Baru

information_schema

mysql

performance_schema

perpustakaan

phpmyadmin

roni

ronii

test

wordpress

- Baru
- wp_commentmeta
- wp_comments
- wp_links
- wp_options
- wp_postmeta
- wp_posts
- wp_termmeta
- wp_terms
- wp_term_relationships
- wp_term_taxonomy
- wp_usermeta
- wp_users

Tampilkan kotak kueri

MySQL memberikan hasil kosong (atau nol bars). (Pencarian dilakukan dalam 0,0001 detik.)

-- SELECT * wpusers;;;;;

[Edit dikotak] [Ubah] [Buat kode PHP]

Konsol

db server & web se....txt

Show all

Membuat Website Wordpress Dengan Database Terpisah (3 Website)

sudo su

apt install mysql-server

```
roni@roni:~$ sudo su
[sudo] password for roni:
root@roni:/home/roni# apt install mysql-server
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libcgi-fast-perl libcgi-pm-perl libclone-perl libencode-locale-perl
  libevent-pthreads-2.1-7 libfcgi-bin libfcgi-perl libfcgi0ldbl
  libhtml-parser-perl libhtml-tagset-perl libhtml-template-perl libhttp-date-perl
  libhttp-message-perl libio-html-perl liblwp-mediatypes-perl libmecab2
  libprotobuf-lite23 libtimedate-perl liburi-perl mecab-ipadic mecab-ipadic-utf8
  mecab-utils mysql-client-8.0 mysql-client-core-8.0 mysql-common mysql-server-8.0
  mysql-server-core-8.0
Suggested packages:
  libdata-dump-perl libipc-sharedcache-perl libbusiness-isbn-perl libwww-perl
  mailx tinycs
The following NEW packages will be installed:
  libcgi-fast-perl libcgi-pm-perl libclone-perl libencode-locale-perl
  libevent-pthreads-2.1-7 libfcgi-bin libfcgi-perl libfcgi0ldbl
  libhtml-parser-perl libhtml-tagset-perl libhtml-template-perl libhttp-date-perl
  libhttp-message-perl libio-html-perl liblwp-mediatypes-perl libmecab2
  libprotobuf-lite23 libtimedate-perl liburi-perl mecab-ipadic mecab-ipadic-utf8
  mecab-utils mysql-client-8.0 mysql-client-core-8.0 mysql-common mysql-server
  mysql-server-8.0 mysql-server-core-8.0
0 upgraded, 28 newly installed, 0 to remove and 40 not upgraded.
Need to get 29.3 MB of archives.
After this operation, 242 MB of additional disk space will be used.
Do you want to continue? [Y/n]
```

ubah bind-address menjadi ip database : 192.168.1.22

```
root@roni: /home/roni
GNU nano 6.2 /etc/mysql/mysql.conf.d/mysqld.cnf
#
# The MySQL database server configuration file.
#
# One can use all long options that the program supports.
# Run program with --help to get a list of available options and with
# --print-defaults to see which it would actually understand and use.
#
# For explanations see
# http://dev.mysql.com/doc/mysql/en/server-system-variables.html
#
# Here is entries for some specific programs
# The following values assume you have at least 32M ram

[mysqld]
#
# * Basic Settings
#
user                = mysql
# pid-file           = /var/run/mysqld/mysqld.pid
# socket             = /var/run/mysqld/mysqld.sock
# port               = 3306
# datadir            = /var/lib/mysql

# If MySQL is running as a replication slave, this should be
# changed. Ref https://dev.mysql.com/doc/refman/8.0/en/server-system-variables.html
# tmpdir             = /tmp
#
# Instead of skip-networking the default is now to listen only on
# localhost which is more compatible and is not less secure.
bind-address        = 192.168.1.22
mysqlx-bind-address = 127.0.0.1
#
# * Fine Tuning
#
key_buffer_size     = 16M
[ Read 78 lines ]
^G Help      ^O Write Out ^W Where Is  ^K Cut       ^T Execute   ^C Location
^X Exit      ^R Read File ^\ Replace   ^U Paste     ^J Justify   ^_ Go To Line
```

nano /etc/mysql/mysql.conf.d/mysqld.cnf

```
mysql> exit;
Bye
root@roni:/home/roni# nano /etc/mysql/mysql.conf.d/mysqld.cnf
root@roni:/home/roni# systemctl restart mysql
root@roni:/home/roni#
```


CREATE USER 'roni1'@'192.168.1.23'

```
root@roni: /home/roni
owners.

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

mysql> CREATE USER 'roni1'@'192.168.1.23' IDENTIFIED BY 'password';
Query OK, 0 rows affected (0.02 sec)

mysql> create database wordpress;
Query OK, 1 row affected (0.05 sec)

mysql> GRANT ALL PRIVILEGES ON wordpress.* TO 'roni1'@'192.168.1.23';
Query OK, 0 rows affected (0.04 sec)

mysql> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.04 sec)

mysql> CREATE USER 'roni2'@'192.168.1.23' IDENTIFIED BY 'password';
Query OK, 0 rows affected (0.05 sec)

mysql> create database wordpress2;
Query OK, 1 row affected (0.04 sec)

mysql> GRANT ALL PRIVILEGES ON wordpress2.* TO 'roni2'@'192.168.1.23';
Query OK, 0 rows affected (0.04 sec)

mysql> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.05 sec)

mysql> CREATE USER 'roni3'@'192.168.1.23' IDENTIFIED BY 'password';
Query OK, 0 rows affected (0.01 sec)

mysql> create database wordpress3;
Query OK, 1 row affected (0.05 sec)

mysql> GRANT ALL PRIVILEGES ON wordpress3.* TO 'roni3'@'192.168.1.23';
Query OK, 0 rows affected (0.00 sec)

mysql> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.05 sec)
```

Dan setelah itu kita masuk keserver ubuntu kita

sudo su

apt install apache2

```

roni@roni:/$ sudo su
root@roni:/# apt install apache2
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
apache2 is already the newest version (2.4.52-1ubuntu4.1).
0 upgraded, 0 newly installed, 0 to remove and 40 not upgraded.
root@roni:/# apt install mysql-client
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
mysql-client is already the newest version (8.0.30-0ubuntu0.22.04.1).
0 upgraded, 0 newly installed, 0 to remove and 40 not upgraded.
root@roni:/# apt install php php-mysql
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
php is already the newest version (2:8.1+92ubuntu1).
php-mysql is already the newest version (2:8.1+92ubuntu1).
0 upgraded, 0 newly installed, 0 to remove and 40 not upgraded.
root@roni:/#

```

Reboot, lalu login ulang ssh dengan perintah `ssh roni@ip.webserver`

```

Last login: Sat Oct  1 11:44:05 2022 from 192.168.1.21
roni@roni:~$ cd /tmp && wget https://wordpress.org/latest.tar.gz
--2022-10-01 12:08:59-- https://wordpress.org/latest.tar.gz
Resolving wordpress.org (wordpress.org)... 198.143.164.252
Connecting to wordpress.org (wordpress.org)|198.143.164.252|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 21172479 (20M) [application/octet-stream]
Saving to: 'latest.tar.gz'

latest.tar.gz      100%[=====>] 20.19M  493KB/s   in 45s

2022-10-01 12:09:46 (461 KB/s) - 'latest.tar.gz' saved [21172479/21172479]


roni@roni:/tmp$ tar -xvf latest.tar.gz
wordpress/
wordpress/xmlrpc.php
wordpress/wp-blog-header.php
wordpress/readme.html
wordpress/wp-signup.php
wordpress/index.php
wordpress/wp-cron.php
wordpress/wp-config-sample.php
wordpress/wp-login.php
wordpress/wp-settings.php
wordpress/license.txt
wordpress/wp-content/
wordpress/wp-content/themes/
wordpress/wp-content/themes/twentytwentyone/
wordpress/wp-content/themes/twentytwentyone/footer.php
wordpress/wp-content/themes/twentytwentyone/template-parts/
wordpress/wp-content/themes/twentytwentyone/template-parts/content/
wordpress/wp-content/themes/twentytwentyone/template-parts/content/content-excerpt.p
hp

```

Download WordPress Setup Configuration

Tidak aman | 192.168.1.23/wordpress/wp-admin/setup-config.php?step=1

Gmail YouTube Maps Terjemahkan



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

Database Name	<input type="text" value="wordpress"/>	The name of the database you want to use with WordPress.
Username	<input type="text" value="roni1"/>	Your database username.
Password	<input type="text" value="password"/>	Your database password.
Database Host	<input type="text" value="192.168.1.22"/>	You should be able to get this info from your web host, if <code>localhost</code> does not work.
Table Prefix	<input type="text" value="wp_"/>	If you want to run multiple WordPress installations in a single database, change this.

Download WordPress Installation

Tidak aman | 192.168.1.23/wordpress/wp-admin/install.php?step=1

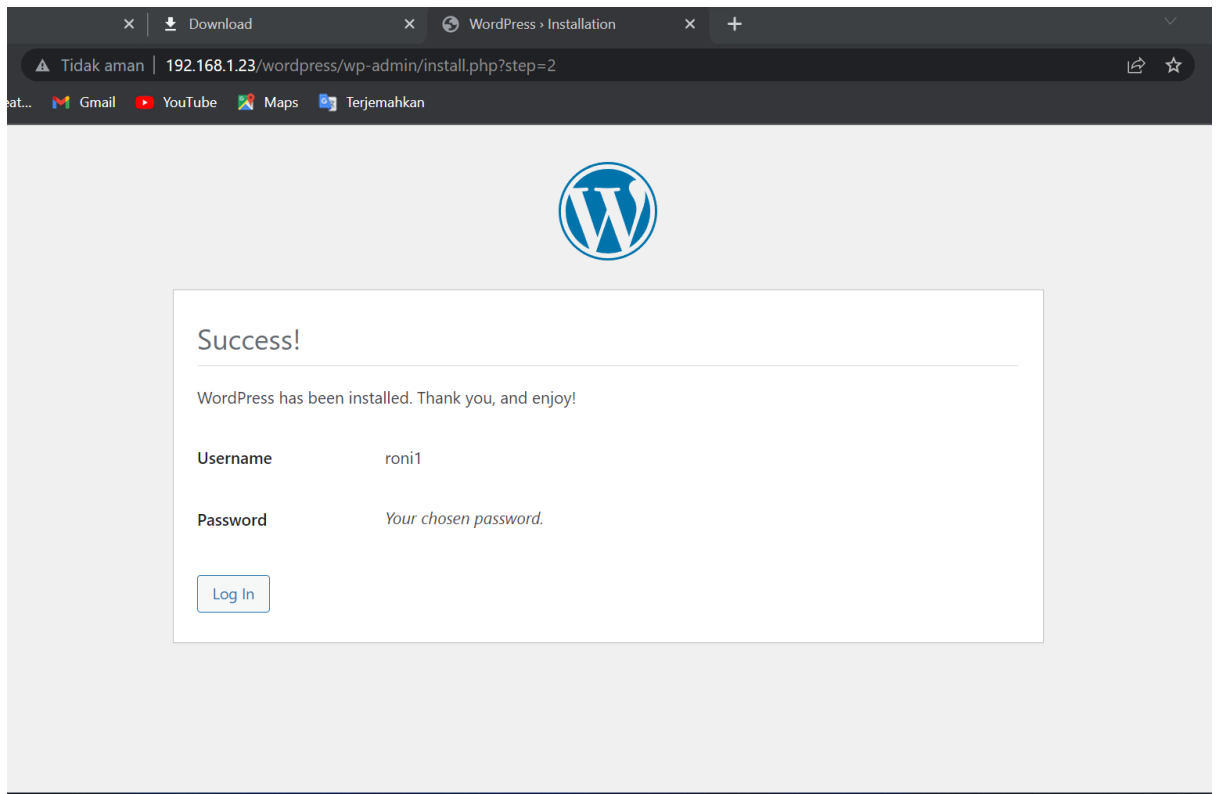
Gmail YouTube Maps Terjemahkan

Welcome to the famous five-minute WordPress installation process! Just fill in the information below and you'll be on your way to using the most extendable and powerful personal publishing platform in the world.

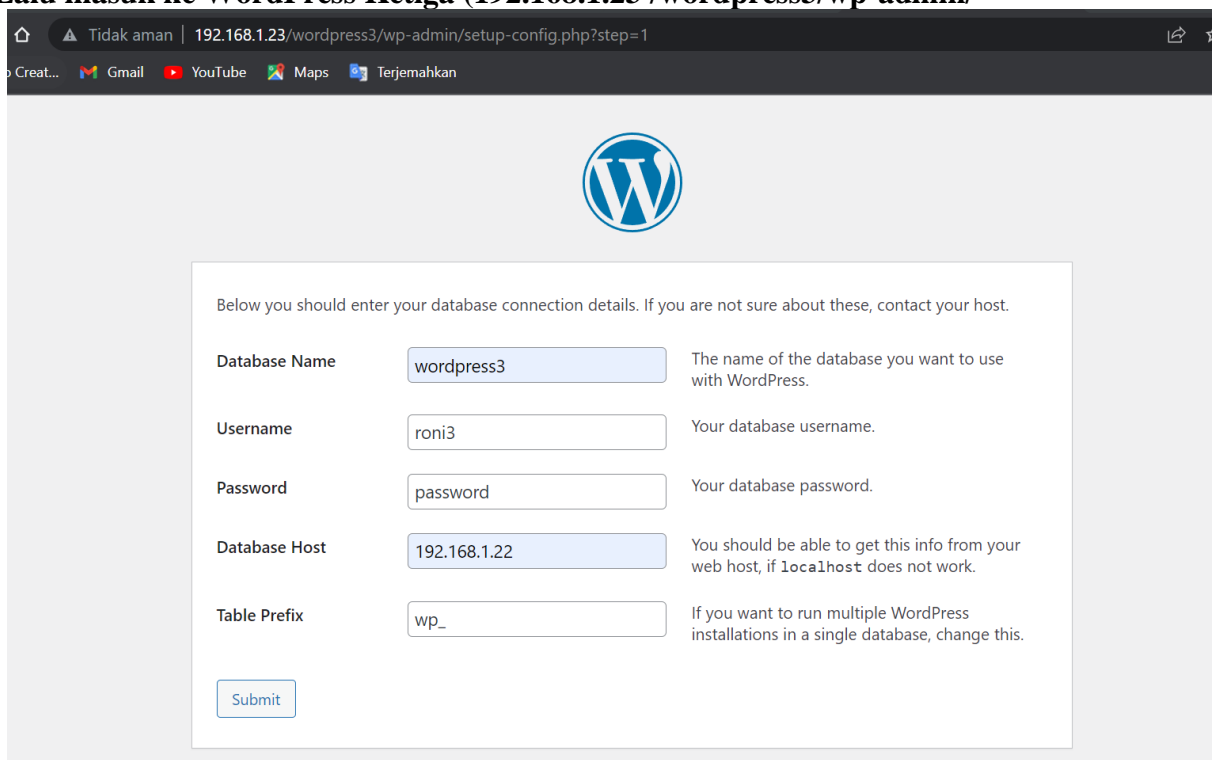
Information needed

Please provide the following information. Do not worry, you can always change these settings later.

Site Title	<input type="text" value="roni"/>
Username	<input type="text" value="roni1"/> Usernames can have only alphanumeric characters, spaces, underscores, hyphens, periods, and the @ symbol.
Password	<input type="password" value="roniaja123"/> Medium <input type="button" value="Hide"/>
Important: You will need this password to log in. Please store it in a secure location.	
Your Email	<input type="text" value="roniaja111@gmail.com"/> Double-check your email address before continuing.
Search engine visibility	<input type="checkbox"/> Discourage search engines from indexing this site It is up to search engines to honor this request



Lalu masuk ke WordPress Ketiga (192.168.1.23 /wordpress3/wp-admin/



Tidak aman | 192.168.1.23/wordpress/wp-admin/install.php?language=en_US

Welcome to the famous five-minute WordPress installation process! Just fill in the information below and you'll be on your way to using the most extendable and powerful personal publishing platform in the world.

Information needed

Please provide the following information. Do not worry, you can always change these settings later.

Site Title

Username
Usernames can have only alphanumeric characters, spaces, underscores, hyphens, periods, and the @ symbol.


Password [Hide](#)
Medium

Important: You will need this password to log in. Please store it in a secure location.

Your Email
Double-check your email address before continuing.

Search engine visibility ☐ Discourage search engines from indexing this site

Tidak aman | 192.168.1.23/wordpress/wp-admin/install.php?step=2



Success!

WordPress has been installed. Thank you, and enjoy!

Username roni3

Password Your chosen password.

[Log In](#)