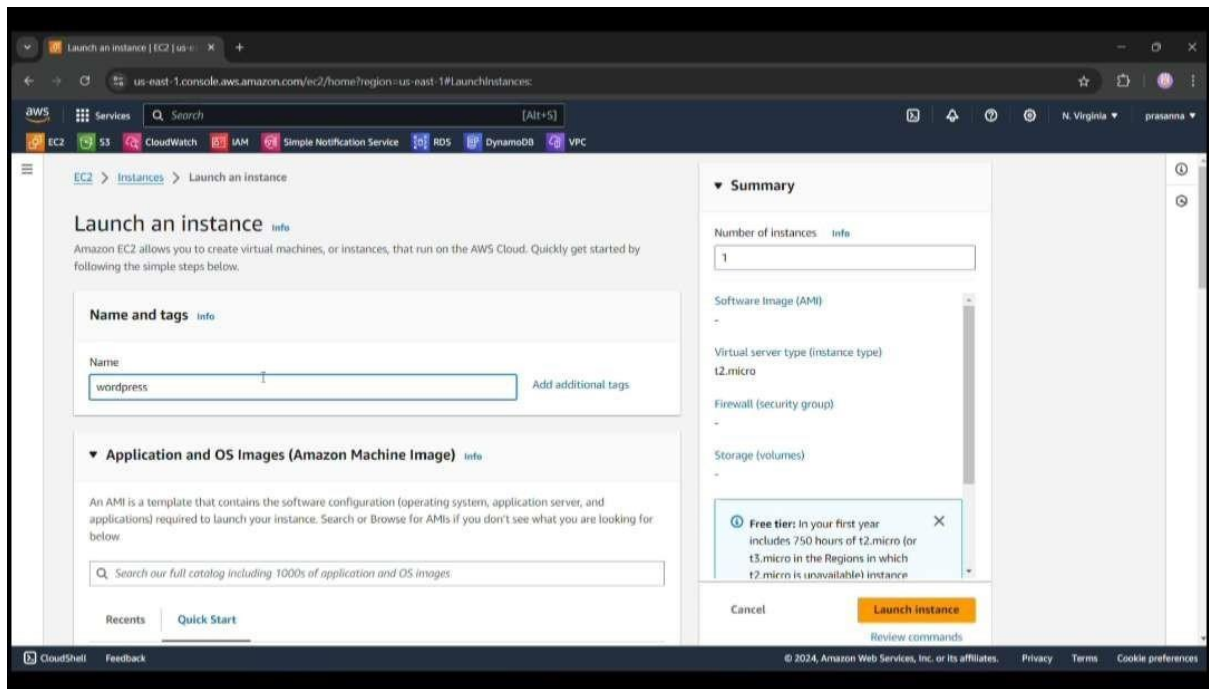
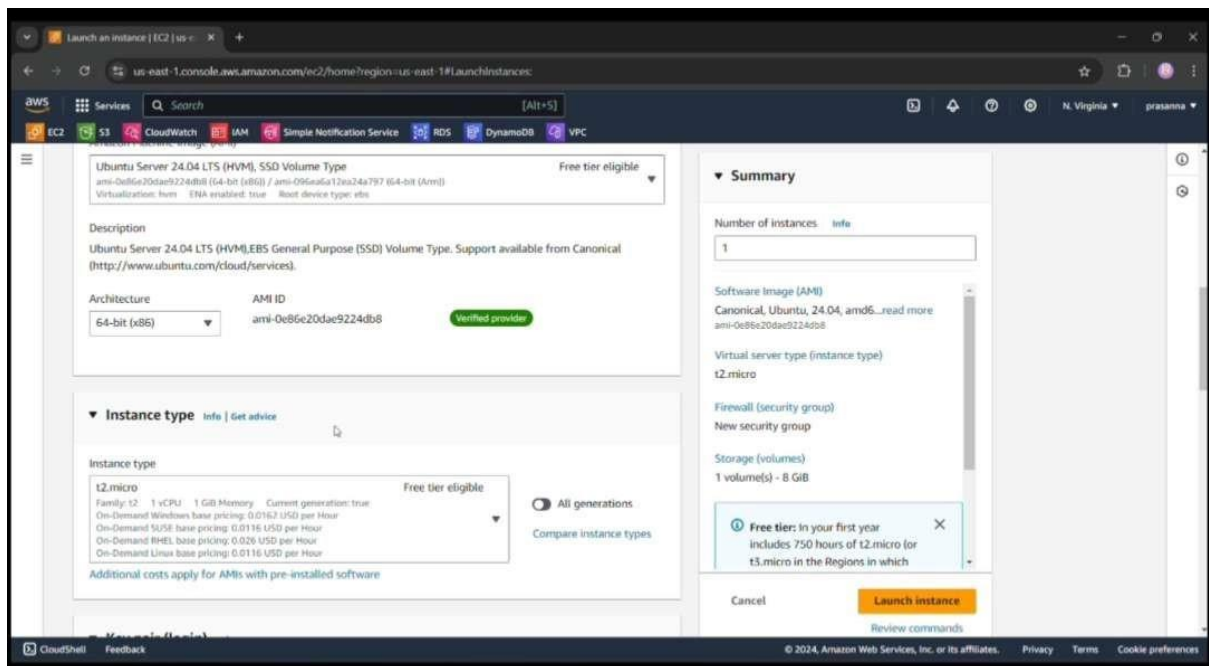


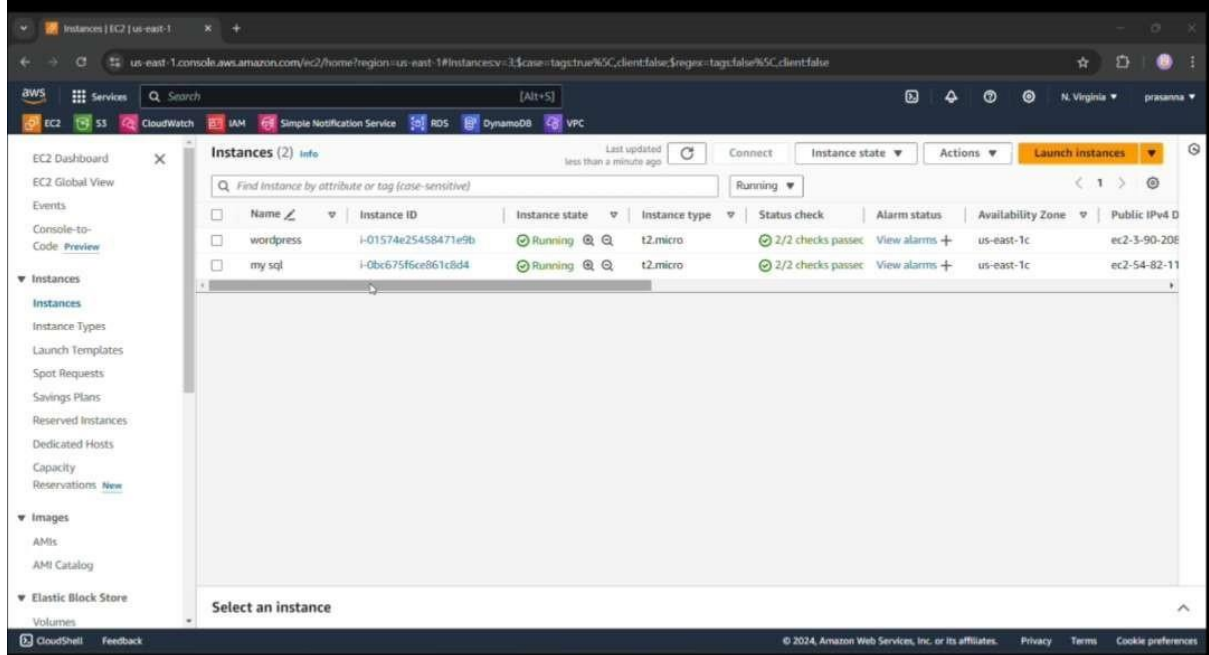
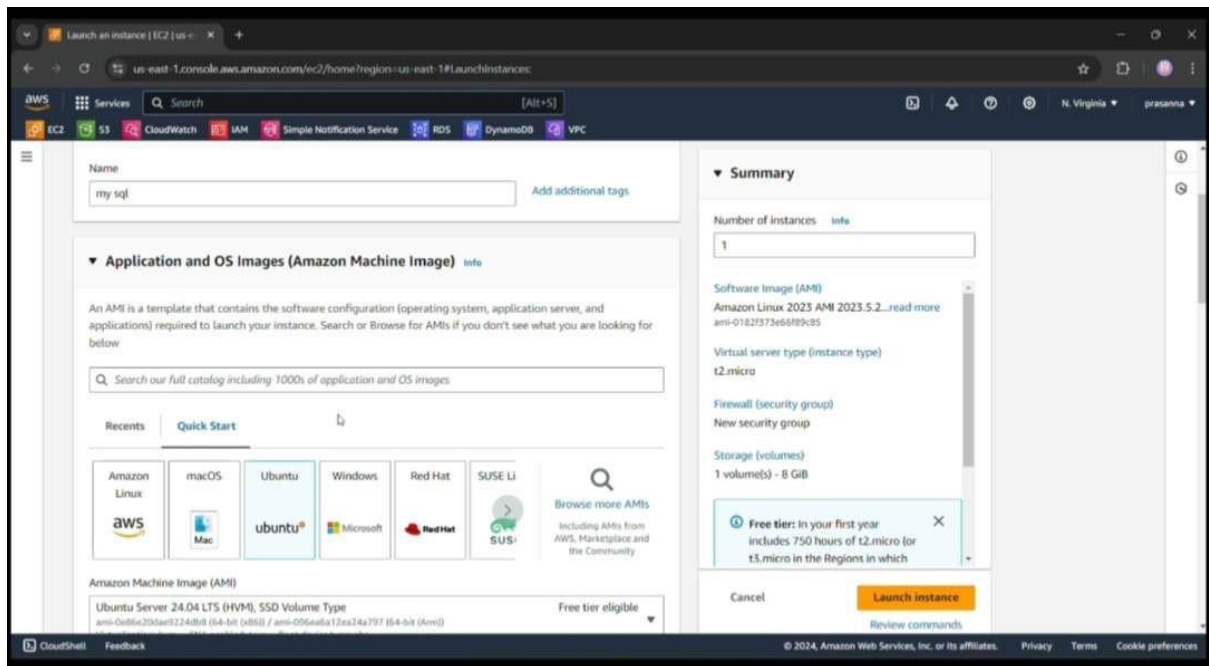
# Deploying an application in monolithic architecture

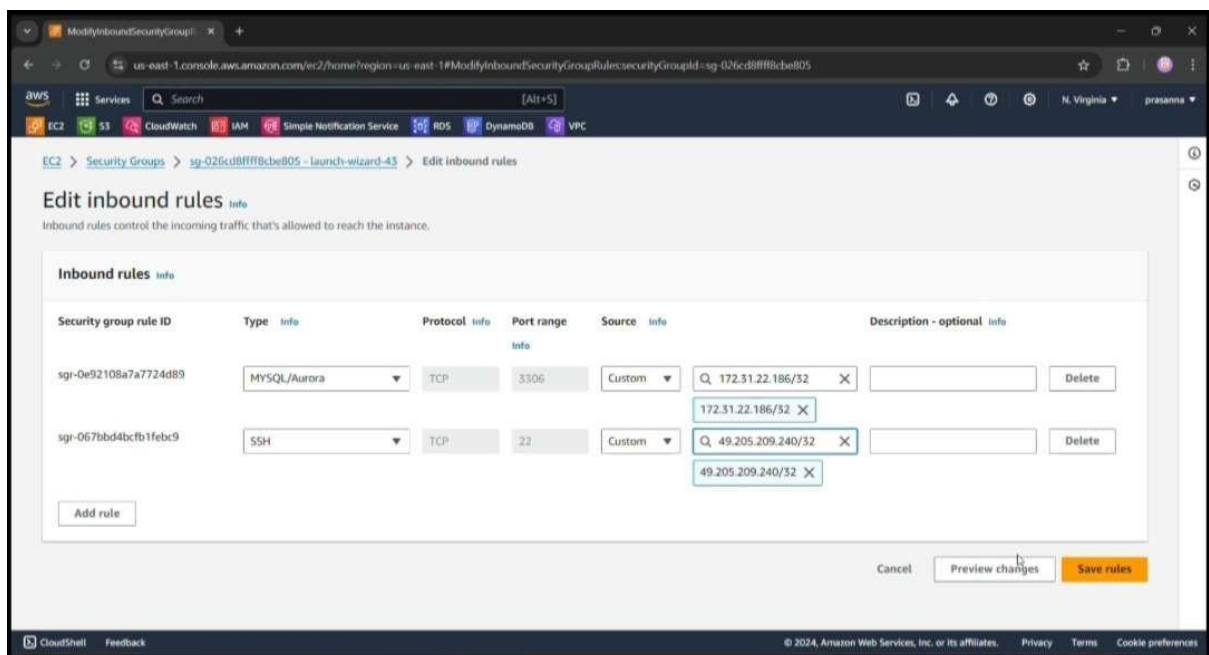
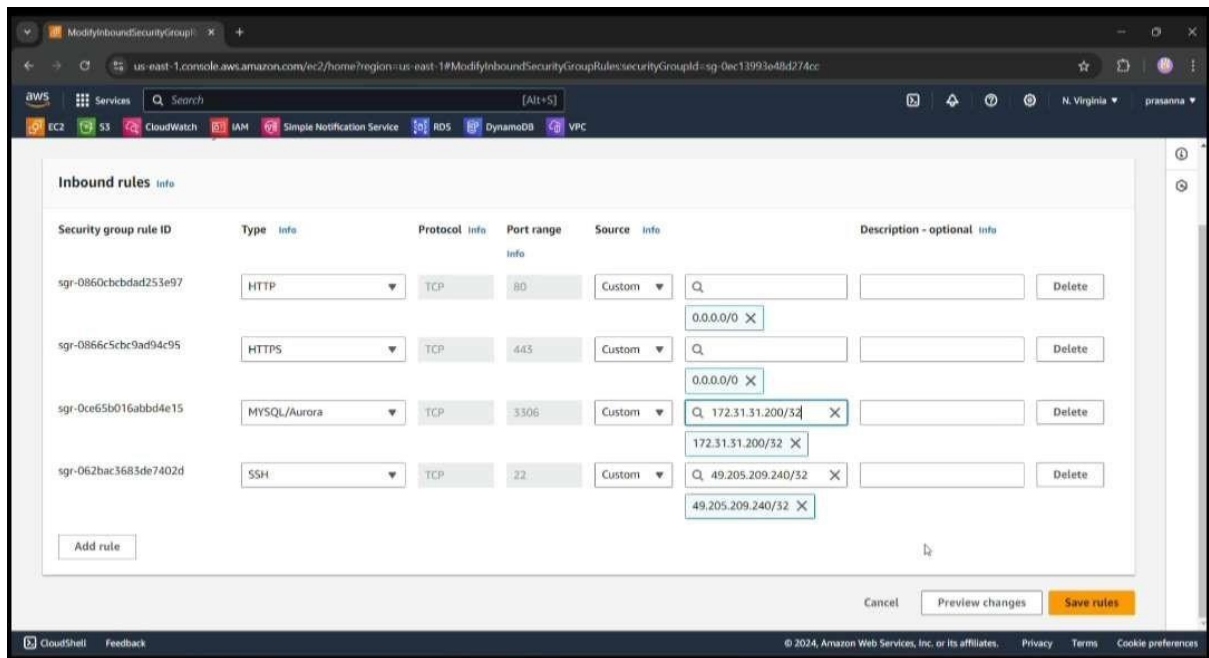


Launch an EC2 instance



Configure all settings





```

ubuntu@ip-172-31-29-254: ~$
The authenticity of host 'ec2-18-209-49-185.compute-1.amazonaws.com (18.209.49.185)' can't be established.
ED25519 key fingerprint is SHA256:N59/RdtIEPPuHjrBLwEmcJ/HNqhu+inUky5BhmQyNFY.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'ec2-18-209-49-185.compute-1.amazonaws.com' (ED25519) to the list of known hosts.
Welcome to Ubuntu 24.04 LTS (GNU/Linux 6.8.0-1012-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/pro

System information as of Sat Sep  7 11:46:19 UTC 2024

System load: 0.51          Processes:    108
Usage of /:  22.8% of 6.71GB Users logged in: 0
Memory usage: 21%         IPv4 address for enx0: 172.31.29.254
Swap usage:  0%

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

The list of available updates is more than a week old.
To check for new updates run: sudo apt update

The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.

To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-172-31-29-254:~$

```

```

/**
 * The base configuration for WordPress
 *
 * The wp-config.php creation script uses this file during the installation.
 * You don't have to use the website, you can copy this file to "wp-config.php"
 * and fill in the values.
 *
 * This file contains the following configurations:
 *
 * * Database settings
 * * Secret keys
 * * Database table prefix
 * * ABSPATH
 *
 * @link https://developer.wordpress.org/advanced-administration/wordpress/wp-config/
 *
 * @package WordPress
 */

/** Database settings - You can get this info from your web host */
/** The name of the database for WordPress */
define( 'DB_NAME', 'wordpress' );

/** Database username */
define( 'DB_USER', 'wpuser' );

/** Database password */
define( 'DB_PASSWORD', 'Prasanna@317' );

/** Database hostname */
define( 'DB_HOST', 'localhost' );

/** Database charset to use in creating database tables. */
define( 'DB_CHARSET', 'utf8' );

/** The database collate type. Don't change this if in doubt. */
define( 'DB_COLLATE', '' );

File Name to Write [DOS Format]: /tmp/wordpress/wp-config.php
[Q] Help          [M-Q] DOS Format      [M-A] Append      [M-B] Backup File
[Q] Cancel        [M-R] Mac Format      [M-B] Prepend     [M] Browse

```

```

<VirtualHost *:80>
    # The ServerName directive sets the request scheme, hostname and port that
    # the server uses to identify itself. This is used when creating
    # redirection URLs. In the context of virtual hosts, the ServerName
    # specifies what hostname must appear in the request's Host: header to
    # match this virtual host. For the default virtual host (this file) this
    # value is not decisive as it is used as a last resort host regardless.
    # However, you must set it for any further virtual host explicitly.
    #ServerName www.example.com

    ServerAdmin webmaster@localhost
    DocumentRoot /var/www/html

    # Available loglevels: trace8, ..., trace1, debug, info, notice, warn,
    # error, crit, alert, emerg.
    # It is also possible to configure the loglevel for particular
    # modules, e.g.
    #LogLevel info ssl:warn

    ErrorLog ${APACHE_LOG_DIR}/error.log
    CustomLog ${APACHE_LOG_DIR}/access.log combined

    # For most configuration files from conf-available/, which are
    # enabled or disabled at a global level, it is possible to
    # include a line for only one particular virtual host. For example the
    # following line enables the CGI configuration for this host only
    # after it has been globally disabled with "a2disconf".
    #Include conf-available/serve-cgi-bin.conf
</VirtualHost>

[ Read 29 lines ]
[Q] Help          [Q] Write Out      [M] Where Is      [M] Cut           [M] Execute       [M] Location      [M] Undo          [M] Set Mark      [M] To Bracket
[Q] Exit          [Q] Read File      [M] Replace       [M] Paste          [M] Justify        [M] Go To Line     [M] Redo           [M] Copy          [M] Where Was

```

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

...: File C:\Users\krish\OneDrive\Documents\WindowsPowerShell\Microsoft.PowerShell_profile.ps1 cannot be loaded because
running scripts is disabled on this system. For more information, see about_Execution_Policies at
https://go.microsoft.com/fwlink/?LinkID=135170.
At line:1 char:1
+ . 'C:\Users\krish\OneDrive\Documents\WindowsPowerShell\Microsoft.Powe ...
+ ~~~~~
+ CategoryInfo          : SecurityError: (:) [], PSSecurityException
+ FullyQualifiedErrorId : UnauthorizedAccess

Loading personal and system profiles took 1146ms.
PS C:\Users\krish\Downloads> ssh -i "wordpress.pem" ubuntu@ec2-18-209-49-185.compute-1.amazonaws.com
```

```
ubuntu@ip-172-31-29-254: ~$
Scanning candidates...
Scanning linux images...

Pending kernel upgrade!
Running kernel version:
6.8.0-1012-aws
Diagnostics:
The currently running kernel version is not the expected kernel version 6.8.0-1014-aws.

Restarting the system to load the new kernel will not be handled automatically, so you should consider rebooting.

Restarting services...

Service restarts being deferred:
/etc/needrestart/restart.d/dbus.service
systemctl restart getty@tty1.service
systemctl restart networkd-dispatcher.service
systemctl restart serial-getty@ttyS0.service
systemctl restart systemd-logind.service
systemctl restart unattended-upgrades.service

No containers need to be restarted.

User sessions running outdated binaries:
ubuntu @ session #1: sshd[983,1093]
ubuntu @ user manager service: systemd[988]
ubuntu@ip-172-31-29-254:~$ sudo mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 18
Server version: 8.0.39-0ubuntu0.24.04.2 (Ubuntu)

Copyright (c) 2000, 2024, Oracle and/or its affiliates.

Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.

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

mysql> |
```

```
GNU nano 2.2 /tmp/wordpress/wp-config.php
<?php
/*
 * The base configuration for WordPress
 *
 * The wp-config.php creation script uses this file during the installation.
 * You don't have to use the website, you can copy this file to "wp-config.php"
 * and fill in the values.
 *
 * This file contains the following configurations:
 *
 * * Database settings
 * * Secret keys
 * * Database table prefix
 * * ABSPATH
 *
 * @link https://developer.wordpress.org/advanced-administration/wordpress/wp-config/
 *
 * @package WordPress
 */

// ** Database settings - You can get this info from your web host ** //
/** The name of the database for WordPress */
define( 'DB_NAME', 'database_name_here' );

/** Database username */
define( 'DB_USER', 'username_here' );

/** Database password */
define( 'DB_PASSWORD', 'password_here' );

/** Database hostname */
define( 'DB_HOST', 'localhost' );

/** Database charset to use in creating database tables. */
define( 'DB_CHARSET', 'utf8' );

/** The database collate type. Don't change this if in doubt. */

PC Help      PC Write Out  Where Is     Cut          Execute
XY Exit      RD Read File  Replace      AI Paste     Justify
PC Location  PC Go To Line  Undo         Set Mark    To Bracket
XY Redo      PC Copy       PC Where Was

Unpacking libio-htnl-perl (1.004-3) ...
Selecting previously unselected package liblwp-mediatypes-perl.
Preparing to unpack .../15-liblwp-mediatypes-perl_6.04-2_all.deb ...
Unpacking liblwp-mediatypes-perl (6.04-2) ...
Selecting previously unselected package libhttp-message-perl.
Preparing to unpack .../16-libhttp-message-perl_6.45-1ubuntu1_all.deb ...
Unpacking libhttp-message-perl (6.45-1ubuntu1) ...
Selecting previously unselected package mecab-utils.
Preparing to unpack .../17-mecab-utils_0.996-14ubuntu4_amd64.deb ...
Unpacking mecab-utils (0.996-14ubuntu4) ...
Selecting previously unselected package mecab-ipadic.
Preparing to unpack .../18-mecab-ipadic_2.7.0-20070801+main-3_all.deb ...
Unpacking mecab-ipadic (2.7.0-20070801+main-3) ...
Selecting previously unselected package mecab-ipadic-utf8.
Preparing to unpack .../19-mecab-ipadic-utf8_2.7.0-20070801+main-3_all.deb ...
Unpacking mecab-ipadic-utf8 (2.7.0-20070801+main-3) ...
Selecting previously unselected package mysql-server.
Preparing to unpack .../20-mysql-server_8.0.39-0ubuntu0.24.04.2_all.deb ...
Unpacking mysql-server (8.0.39-0ubuntu0.24.04.2) ...
Setting up libprotobuf-lite32t64:amd64 (3.21.12-8.2build1) ...
Setting up libmecab2:amd64 (0.996-14ubuntu4) ...
Setting up mysql-client-core-8.0 (8.0.39-0ubuntu0.24.04.2) ...
Setting up liblone-perl:amd64 (0.46-1build3) ...
Setting up libevent-pthreads-2.1-7t64:amd64 (2.1.12-stable-9ubuntu2) ...
Setting up libfcgi1t64:amd64 (2.4.2-2.1build1) ...
Setting up libhtml-tagset-perl (3.20-6) ...
Setting up liblwp-mediatypes-perl (6.04-2) ...
Setting up libfcgi-bin (2.4.2-2.1build1) ...
Setting up libencode-locale-perl (1.05-3) ...
Setting up mecab-utils (0.996-14ubuntu4) ...
Setting up libio-htnl-perl (1.004-3) ...
Setting up mysql-server-core-8.0 (8.0.39-0ubuntu0.24.04.2) ...
Setting up libtimedate-perl (2.3300-2) ...
Setting up mysql-client-8.0 (8.0.39-0ubuntu0.24.04.2) ...
Setting up libfcgi-perl (0.82+ds-3build2) ...
Setting up liburi-perl (5.27-1) ...
Setting up mysql-server-8.0 (8.0.39-0ubuntu0.24.04.2) ...
update-alternatives: using /etc/mysql/mysql.cnf to provide /etc/mysql/my.cnf (my.cnf) in auto mode
Renaming removed key_buffer and myisam-recover options (if present)

200+files [0.1%] [#####.....]
```



