



How to Deploy

Prerequisite

Linux

1. Copy the compiled jar and scripts to the deployment server
2. Modify application.yml
3. Import SQL script
3. Run the following commands
4. Check deployment

Windows

1. Copy the compiled jar and scripts to the deployment server
2. Import SQL script
3. Use Admin to run cmd.exe and run the following commands
4. Check deployment

Prerequisite

- JAVA 1.8
- MySQL 8.0

Linux

1. Copy the compiled jar and scripts to the deployment server

The deploy package is

one-deployment\Linux\CyberSecurityAwareness_Linux.tar

```
cd {destination path}
tar -xvf CyberSecurityAwareness_Linux.tar
```

2. Modify application.yml

```
vim application.yml
```

```
server:
  port: 7001
  servlet:
    context-path: /cybersecurity

spring:
  datasource:
    username: {Your MySQL username}
    password: {Your MySQL password}
    url: jdbc:mysql://localhost:3306/cybersecurity?useUnicode=true&characterEncoding=utf-8&useSSL=true&serverTimezone=UTC
    driver-class-name: com.mysql.jdbc.Driver
  jackson:
    time-zone: GMT+8

mybatis:
  mapper-locations: classpath:mapper/**Mapper.xml
  type-aliases-package: com.example.cybersecurityawareness.model
```

```
pagehelper:
  helper-dialect: mysql
  reasonable: true
  support-methods-arguments: true
```

Save and exit.

```
:wq
```

3. Import SQL script

Get into MySQL bash

```
mysql -uroot -p

{input your mysql password}
```

Execute following commands

```
source {destination path}/cybersecurity.sql;
```

Exit from MySQL bash

```
exit;
```

3. Run the following commands

```
cd {destination path}
bash restart.sh
```

4. Check deployment

The backend programme's log is written into the file <CyberSecurityAwareness.log>

You can use the following commands to trace the log

```
{destination path}
tail -200f CyberSecurityAwareness.log
```

Or, you can visit

[{server ip}:7001/cybersecurity/swagger-ui/index.html](#)

to check the API DOC

Windows

1. Copy the compiled jar and scripts to the deployment server

The deploy package is

one-deployment\Windows\CyberSecurityAwareness_Windows.zip

Unzip Awareness_Windows.zip in {destination path}

2. Import SQL script

Use MySQL Workbench or other third party MySQL client like Navicat to import `{destination path}\cybersecurity.sql`

3. Use Admin to run cmd.exe and run the following commands

The cmd.exe path is `C:\Windows\System32`

```
cd {destination path}
CyberSecurityAwarenessBackend.exe install
net start CyberSecurityAwarenessBackend
```

To stop the service, try following commands

```
net stop CyberSecurityAwarenessBackend
CyberSecurityAwarenessBackend.exe uninstall
```

4. Check deployment

Or, you can visit

{server ip}:7001/cybersecurity/swagger-ui/index.html

to check the API DOC