

Panduan Pemasangan D'kantorpos di Windows Server

Disiapkan oleh:

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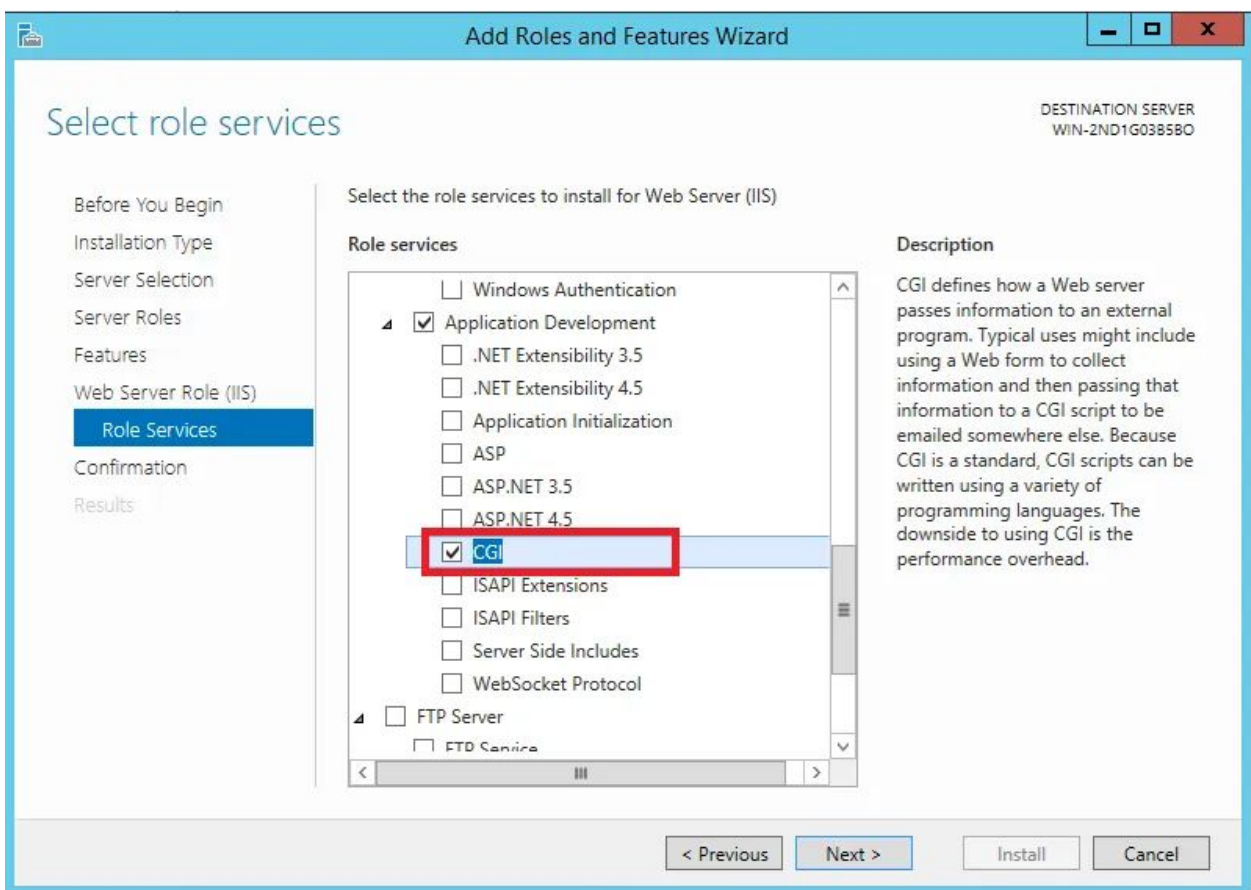
1. Requirements

Dokumentasi ini dijalankan pada server yang sudah terinstal:

- Windows server 2016
- Python 3.7.9
- Microsoft IIS
- PostgreSQL 13.1

2. Pemasangan di Microsoft IIS

a. Install fitur CGI di IIS



b. Download projek di <https://github.com/yuliansyahibr/dkantorpos>

c. Pindahkan projek ke C:/inetpub/wwwroot/

d. Buka CMD, install virtual environment dan dependency:

```
python -m venv venv
venv\Scripts\activate
pip install -r requirements.txt
```

e. Buat file dengan nama `.env` di `C:\inetpub\wwwroot\dkantorpos` dan isi:

```
secret_key="(django secret key)"
allowed_hosts="(ip server);127.0.0.1;localhost;"
db_name="(nama database)"
db_user="(username database)"
db_password="(password database)"
db_host="localhost"
db_port="5432"
email="(email)"
email_password="(password email)"
debug=False
```

f. Aktivasi `wfastcgi`:

```
C:\inetpub\wwwroot\dkantorpos\venv\Scripts\wfastcgi-enable
```

g. Buat file bernama `web.config` di `C:\inetpub\wwwroot\dkantorpos` dan isi:

```
<?xml version="1.0" encoding="utf-8"?>
<configuration>
  <system.webServer>
    <handlers>
      <add name="Python FastCGI" path="*" verb="*"
modules="FastCgiModule"

scriptProcessor="C:\inetpub\wwwroot\dkantorpos\venv\Scripts\python.exe|C:
\inetpub\wwwroot\dkantorpos\venv\Lib\site-packages\wfastcgi.py"
resourceType="Unspecified" requireAccess="Script" />
    </handlers>
  </system.webServer>
  <appSettings>
    <add key="PYTHONPATH" value="C:\inetpub\wwwroot\dkantorpos" />
    <add key="WSGI_HANDLER" value="dkantorpos.wsgi.application" />
    <add key="DJANGO_SETTINGS_MODULE" value="dkantorpos.settings" />
  </appSettings>
</configuration>
```

h. Kumpulkan file static ke direktori `STATIC_ROOT` (folder assets):

```
python manage.py collectstatic
```

i. Unlock handler di IIS:

```
%windir%\system32\inetsrv\appcmd unlock config  
-section:system.webServer/handlers
```

j. Ubah proyek menjadi default website di IIS:

```
%windir%\system32\inetsrv\appcmd set vdir "Default Web Site/"  
-physicalPath:"C:\inetpub\wwwroot\dkantorpos"
```

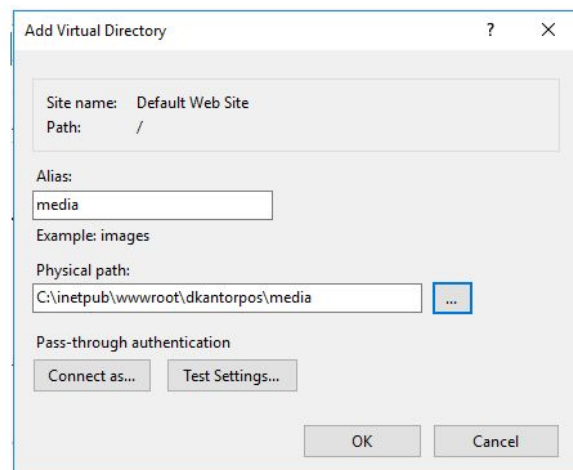
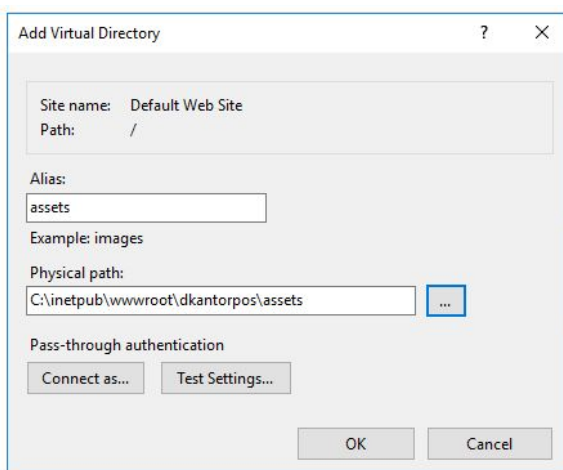
k. Jalankan migrasi database:

```
python manage.py migrate
```

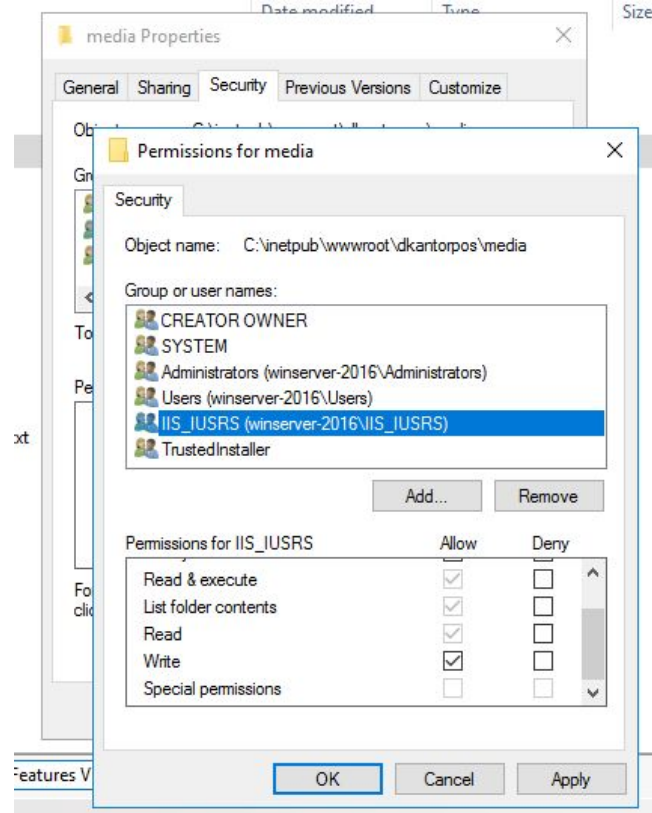
l. Buat file web.config di dalam folder assets dan media

```
<?xml version="1.0" encoding="UTF-8"?>  
<configuration>  
  <system.webServer>  
    <handlers>  
      <clear/>  
      <add name="StaticFile" path="*" verb="*" modules="StaticFileModule"  
resourceType="File" requireAccess="Read" />  
    </handlers>  
  </system.webServer>  
</configuration>
```

m. Add virtual directory untuk assets dan media



- n. Tambah permission write untuk user IIS di folder media



- o. (Opsional) Jalankan `python manage.py loaddata seed\website.json` untuk import data dummy