

Building & deployment of the SE290A_BackOfficeSim on the EBS-50

Building the application

- Use Visual studio 2022 or higher to open the 'SE290A_BackOfficeSim_CoreApi.sln' file
- To publish the project for the EBS-50 use the following publishing configuration:



- Locate the 'bin\Release\backofficesim_ebs50' folder

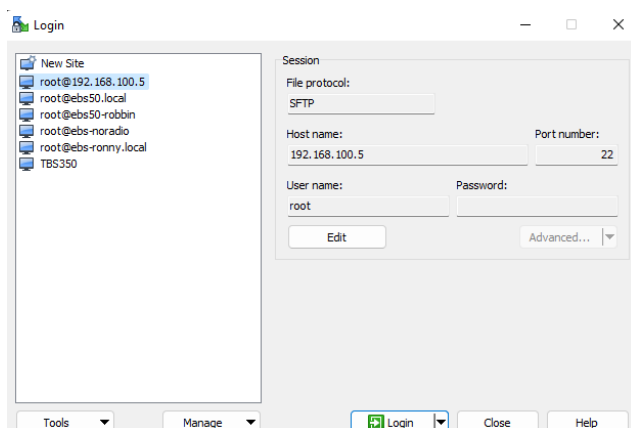
Deployment

Open WinSCP and open an SFTP connection with the following connection settings:

Host: IP / port:22 / user: root / pass: admin

TIP: If you use RNDIS by micro-usb, the host IP will always be 192.168.100.5, making it easy to recycle the same connection for each EBS-50.

NOTE: It will probably warn you if you want to trust the SSH key that encrypts the connection.



- Create a folder named '**SE290A_BackOfficeSim**' in '/home/root'
- Copy the content of the '**backofficesim_ebs50**' folder into this folder
- Copy and replace the files from the '**LinuxArm**' folder to the same '**SE290A_BackOfficeSim**' folder to resolve SQLite issues
- Right click the file and change access rights of '**SE290A_BackOfficeSim_CoreApi**' to '**0755**'
- Right click the file and change access rights of '**ebs-50.pfx**' to '**0600**'

Installation of the service

- Browse to: /etc/systemd/system
- Copy file 'SE290A_BackOfficeSim.service' to '/etc/systemd/system'
- Right click the file Change access rights of '**SE290A_BackOfficeSim.service**' to '**0755**'

To enable and start the service type:

```
systemctl enable SE290A_BackOfficeSim
```

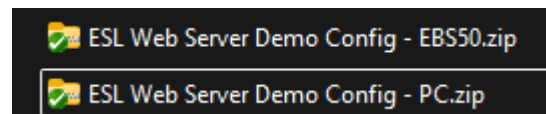
```
systemctl start SE290A_BackOfficeSim
```

Check that the application is running at:

<https://ebs50.local:8794> / <http://ebs50.local:8081>

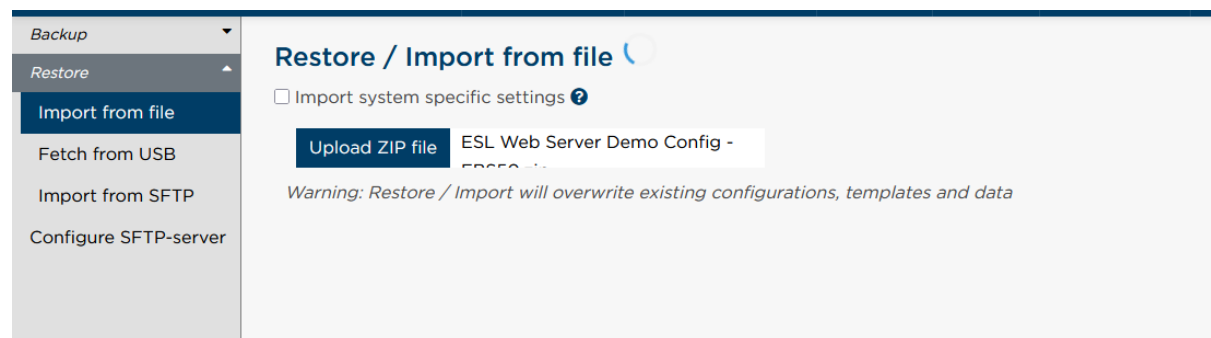
ESL Web Server / EBS-50 configuration files

Depending on the platform (PC or EBS-50). Locate the demo configuration files for the ESL Web Server.



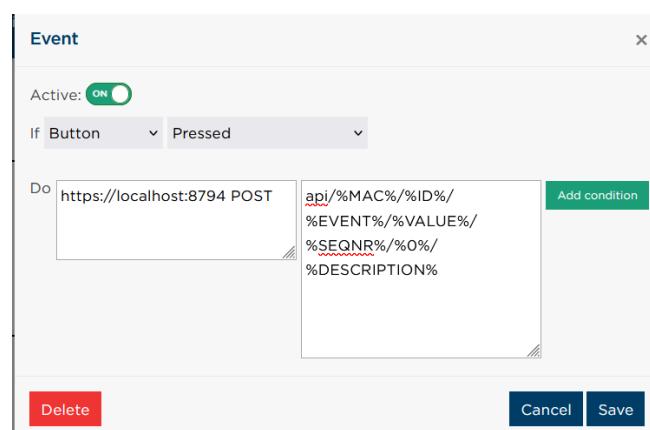
Login on the ESL Web Server / EBS-50 (default : admin/admin)

Import the file under Advanced > Backup / Restore



Login again, but now with: **admin / 12345678**

Event handlers



<https://localhost:8794> POST

api/%MAC%/%ID%/%EVENT%/%VALUE%/%SEQNR%/%0%/%DESCRIPTION%

or

api/%MAC%/%ID%/%EVENT%/%VALUE%/%SEQNR%/%DESCRIPTION%

%VALUE% contains image status information and current page on the ESL

%0% contains the current 'Action' column of the product database (optional)

Event

×

Active: ☐ OFF

If

Scheduled

▼

 Time

▼

00:00

☒ Check to perform task every minute

And condition is met,

Do

https://localhost:8794GET

api/KEEP-ALIVE

Delete

Cancel

Save

(Active = ON)

[https://localhost:8794 GET](https://localhost:8794GET)

api/KEEP-ALIVE

This reduces latency by keeping the connection alive and kicking