Print Service

The **COBI.wms Print Service** is an MS Windows service which receives commands from the Android app and triggers a print event on the Windows machine.

How it works / Limitations

Currently, the service only works in combination with Coresuite Remote Print.

The service generates XML files and puts them in a folder that is scanned by Coresuite Designer, which takes care of the actual printing. This means, you must have Coresuite Designer installed and configured correctly to pick up XML files from a specific folder.

Also, if you don't have Coresuite Service, then at least one SAP Business One client must be running at all times for Coresuite Designer to process the XML files.

See here for the relevant Coresuite documentation:

http://helpfiles.coresystems.ch/help/country_package/manual/en/index.html?des_configuration_batchprint.htm

Only the **User** and **Parameter Scan-Path** fields need to be filled out.

Installation

Download: cobiwms-print-service.zip

1. Extract the contents of `cobiwms-print-service.zip` to `C:\cobiwms-print-service\`.
2. Run the following command in `cmd.exe` or PowerShell:
   `C:\Windows\Microsoft.NET\Framework64\v4.0.30319\InstallUtil.exe C:\cobiwms-print-service\cobiwms-print-service.exe`
3. Create `C:\cobiwms-print-service\config.json` with contents like below.
4. You can now start/stop the service from the MS Windows `Services` application.

Example config for single-tenant setup (e.g. on-premises or private cloud):

```
{
  "ListenPort": 9110,
  "TenantConfig": [
    {
      "PrintDirectory": "C:\\CoresuiteRemotePrint\\Productive"
    }
  ]
}
```

Example config for multi-tenant setup (e.g. public cloud):

```
{
  "ListenPort": 9110,
  "TenantConfig": [
    {
      "AuthToken": "SECRET_1",
      "PrintDirectory": "C:\\CoresuiteRemotePrint\\Tenant_1\\Productive"
    },
    {
      "AuthToken": "SECRET_2",
      "PrintDirectory": "C:\\CoresuiteRemotePrint\\Tenant_2\\Productive"
    }
  ]
}
```

In a multi-tenant environment, the correct `AuthToken` must be entered in the COBI.wms Print Settings screen for the app to be able to trigger print jobs. The token serves both to identify the tenant, and as a password to ensure that tenants running on the same cloud environment cannot accidentally or intentionally trigger print jobs for each other.

Note that the COBI.wms Print Service does not support encrypted communication. This means that if you make the TCP port of the Print Service open to the Internet, and set up COBI.wms to contact it, then the tokens will be sent unencrypted over the Internet. It is strongly advised to set up a VPN connection in this scenario to ensure encrypted communication.

Update

1. Stop the service.
2. Extract the contents of the new ZIP file into `C:\cobiwms-print-service\`.
3. Start the service.

Uninstall

1. Stop the service.
2. Run the following command in `cmd.exe` or PowerShell:
   `C:\Windows\Microsoft.NET\Framework64\v4.0.30319\InstallUtil.exe /u C:\cobiwms-print-service\cobiwms-print-service.exe`
3. Delete the folder `C:\cobiwms-print-service\`.

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https://docs.cobisoft.de/wiki/ - **COBISOFT Documentation**

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Last update: **2022/12/19 16:03**