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Deploying and Configuring OpenID for Local Authorities

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Technical Guide

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Contents

01 | **Introduction and Prerequisites**

Overview

This document describes how to deploy and configure the CCS OpenID Provider website. The CCS OpenID Provider OpenID website provides authentication services for the Transport v4 website. The website is a back office website and is hosted in the mid-tier, i.e. inside the Local Authority's intranet. For Local Authorities that manage their own mid-tier infrastructure, these mid-tier configuration steps must be carried out by the local IT department.
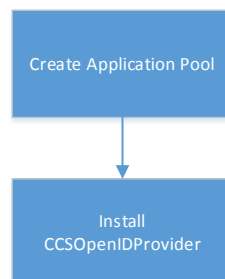
Using this Handbook

This handbook is intended to be used by system administrators to install and configure the CCS OpenID Provider website.

Prerequisites

- Oracle 12.1.0.2 client installed
- One v4 installed.
- Microsoft .Net Framework 4.6 installed.

Installation and configuration process flow and checklist

Process flow

```
┌─────────────────────┐
│ Create Application   │
│        Pool          │
└─────────────────────┘
           │
           ▼
┌─────────────────────┐
│      Install         │
│  CCSOpenIDProvider   │
└─────────────────────┘
```

Installing CCS OpenID Provider website checklist

Step	Where to do it	What to do	Completed
1	**IIS Manager**	Create application pool in which to run website. For more information, see Create an application pool on page *2*.	☐
2	**Server**	Install the CCSOpenIDProvider.msi. For more information, see Install the CCS OpenID Provider website on page *2*.	☐

02 / Installing and configuring the server components

Introduction

This chapter describes how to configure the server components on the One mid-tier to enable the CCS OpenID Provider website. For Local Authorities that manage their own mid-tier, a system administrator should complete the following tasks on their mid-tier.

Installing the server components

An existing One infrastructure is required, including an application server. You can install the OpenID website on any server in your environment, although it must be accessible from the Transport v4 website.

In order to complete the web server installation, you require the following information:

- The URL of your v4 application server.

- The connection information for the One database

02.1 Create an application pool

The CCS OpenID Provider website should be run within its own application pool.

On the server that will host the OpenID website, add an application pool with the following settings:

- **Name:** This can be any valid name, but you should write it down as it will be required later.

- **.NET framework version**: 4.0

- **Managed pipeline mode:** Integrated.

- **Identify:** NetworkService

In advanced settings for the application pool, enter the following value:

- **IdleTime-out**: 480

- **Identity:** NetworkService

02.2 Install the CCS OpenID Provider website

Install the website by running the CCSOpenIDProvider.msi. You will be prompted for the following information

- Select IIS Destination page:

  - **Site**: typically **Default Web Site**

  - **Virtual Directory**: typically **CCSOpenID_Provider – this value will be needed when setting up the CCSTransport website.**

  - **Application Pool**: The application pool created in step 2.1

- Capita One BackOffice (Transport) Setup:

  - **Oracle Net Service Name**: The dataset name

  - **Oracle Username**: The dataset username

- **Oracle Password**: The dataset password

- **CCSEnterprise Application Server**: The URL of your v4 Application Server

> **NOTES:** *You should use the* **Test** *button on the database settings to ensure that they have been entered correctly. You can change the connection details for the Capita One BackOffice later using the* **OpenID** *tab of the CCSServerConfig tool.*

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