Kombit

Guideline for CH Test Signing Service

Version 1.0

# Introduction

The following document describes how to configure the Context Handler (CH) Test Signing Service.

After completing this guide, the CH Test Signing Service will be configured.

Setting up the CH Test Signing Service in IIS is outside the scope of this document. This is described in the document “All\_guideline\_setup sites IIS.docx”.

It is assumed that the reader is a .Net-developer knowledgeable in the following technologies used to develop this .Net-based sample. This includes:

* C#
* Microsoft.Net framework v4.5
* Microsoft Windows Server Operating System
* Microsoft Internet Information Systems (IIS)
* X509v3 Certificates

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# Prerequisites

This document requires that the following prerequisites are satisfied:

* Setting up the .Net-based samples according to the guide “All\_guideline\_setup sites IIS.docx”
* Logging is done to the folder c:\temp. This folder must exist for logging to work.

# Configuring CH Test Signing Service

This guideline assumes that the URL of the CH Test Signing Service is: <https://adgangsstyringeksempler.test-stoettesystemerne.dk/CHTestSigningService>

## Configuration

A few properties in the configuration file, web.config, for CHTestSigningService may need to be updated:

We will need to make changes to the C:\inetpub\CHTestSigningService\web.config file:

* **SigningCertificateThumbprint**: the thumbprint of a certificate with private key that is used to sign the updated token.
  + In this sample, the supplied certificate “KombitTestSigningCertificate.p12” is used.
  + The certificate must exist in LocalMachine\My.
* **serilog:minimum-level**: specify the level of logging. Log files are stored in the Logs\ folder.
* **owin:AutomaticAppStartup**: tell the application that it should use OWIN middleware when hosting under IIS. This setting should be true.

## API Documentation

This service supports an interactive API documentation based on Swagger 2.0 specification.

After setting up the application, open the "Content\api-docs.json" file and change the **"basePath": "/{application endpoint}/api"** setting to /CHTestSigningService/api/

# Using The CH Test Signing Service

Browsing the following URL will present a greeting page, that shows how to invoke the service.

<https://adgangsstyringeksempler.test-stoettesystemerne.dk/CHTestSigningService>

Sample code which demonstrates how to call the service can be found in the class:

ContextHandlerTestSigningControllerTest