SDL Tridion Access Management IDP configurations and walkthrough APIs for automation

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Agenda

- Introduction
- Architecture
- Benefits
- Access Management API
- Demo

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Introduction

- Access Management simplifies the implementation of SSO by using a single authentication protocol while still supporting the use of various protocols by individual applications and services.

- Access Management Tasks
  - Create and maintain connections to external identity providers.
  - Configure authentication for Tridion Sites applications.
  - Manage client credentials for applications, end-users, and service accounts.

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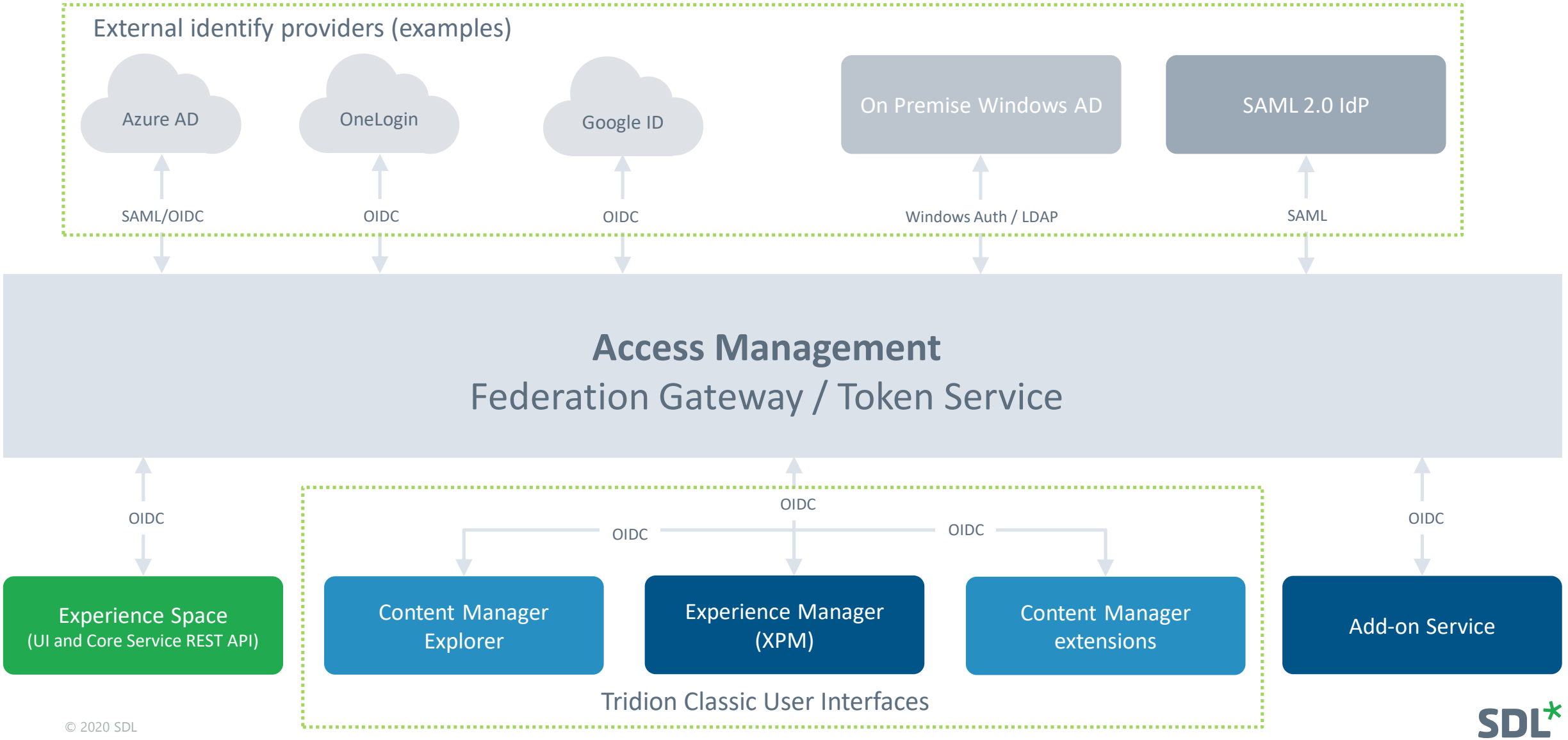
Access Management architecture



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Benefits

- Unified single sign-on.
- User interface for managing system access
- Simplified configuration of external identity providers
- Tridion service is not impacted by external identity provider changes
- Adding protocols means only adding it to SDL Tridion Access Management

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Access Management supported Identity provider types

- SAML 2.0
- Open ID Connect
- Windows Authentication (Only in IIS)
- LDAP

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Access Management API

- Use the Access Management API if you want to interact with Access Management programmatically rather than through Access Management user interface.
- Access Management Provide the API definition in the OpenAPI JSON format
- For reference documentation on the Access Management API, go http://localhost:84/access-management/api/api-docs

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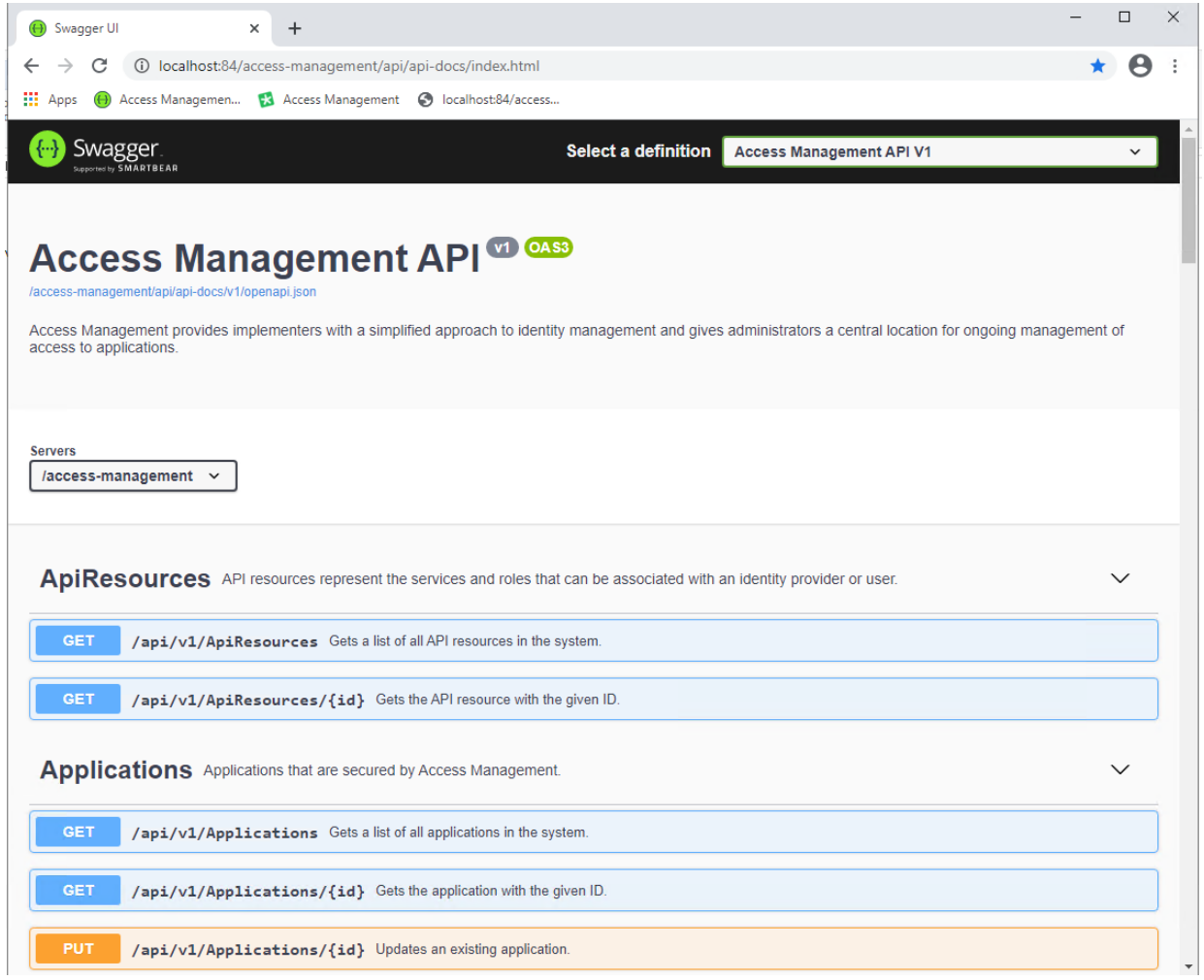
Swagger API documentation

http://localhost:84/access-management/api/api-docs



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Access Management API's for Automation

AddOn Service clientid and clientSecret creation

- /access-management/api/v1/ServiceAccounts/2
- /access-management/api/v1/ServiceAccounts/2/generateClientSecret

RedirectUrls Update for Both Classic UI and Experience Space

- /access-management/api/v1/Applications/3
- /access-management/api/v1/Applications/2

Identity Provider creation

- /access-management/api/v1/IdentityProviders

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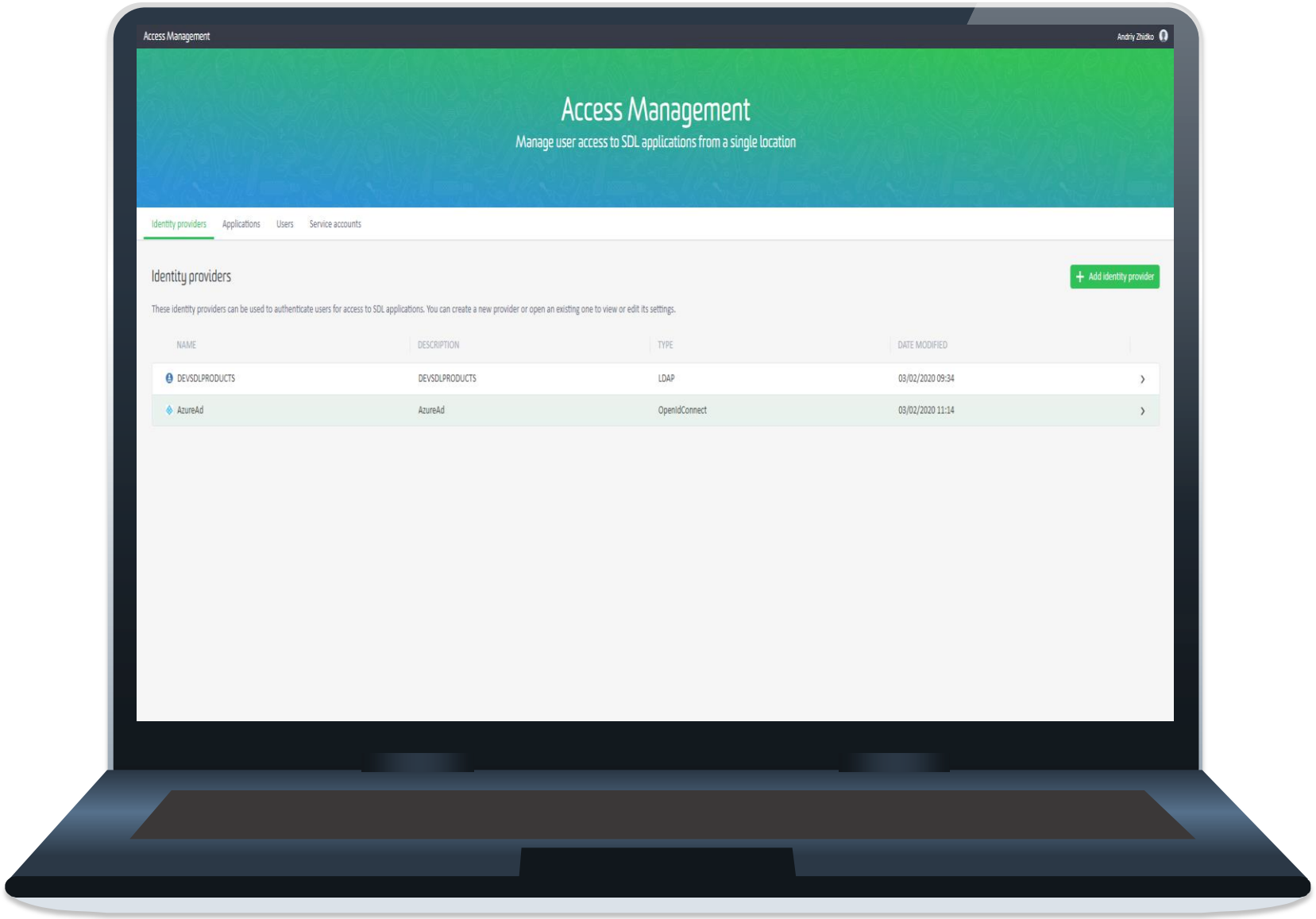
Demo



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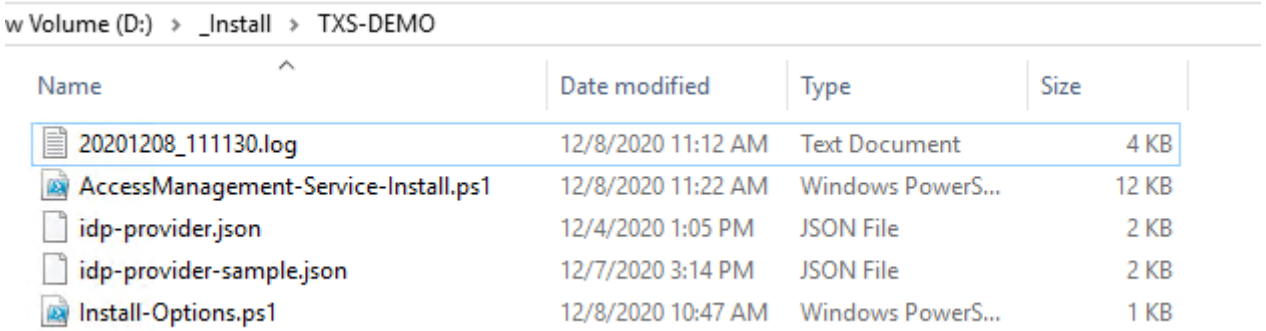
Access Management Installation automation script



Pre-requisites

- Any Database version that is supported by Content Manager and Content Delivery
- Any Microsoft Windows server operating system that is supported for Content Manager server or Content Delivery server
- .NET Core and ASP.NET Core host bundles version 3.1

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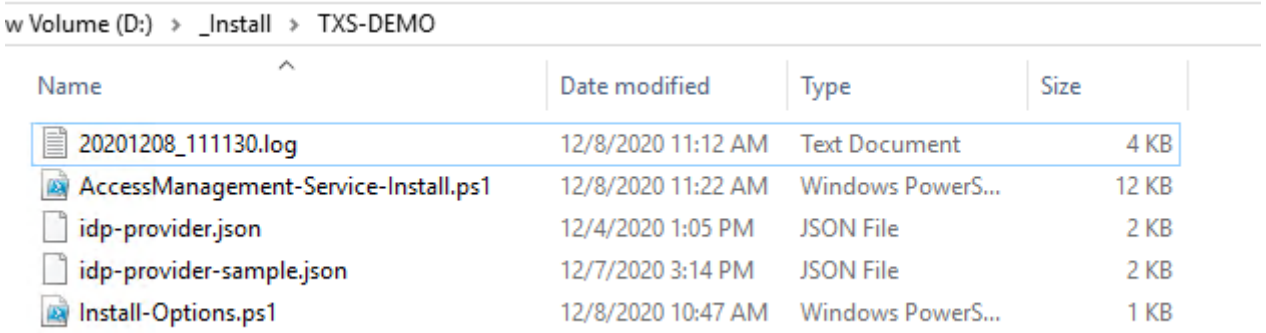
Access Management Installation automation script



.\AccessManagement-Service-Install.ps1 -TCMInstallerPath D:_Install\TridionSites95 -InstallationDir "D:\TXS2020-DEMO\Access Management" -CertThumbprint "4af0b42497e5988df2235b65ede11742e503fecd“ -SkipDBCreation

One Script to deploy Access Management in one go, no more manual configuration
This will create the following

- Database
- Export PFX Certificate
- Install service and generate Client Id and client secrets and configure Idp provider

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Questions & Answers

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