intercede

Offline Breach Database Guide

MyID fully offline breach database add-on

Product Version: 5.0.6944.0

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Introduction

> **Note**
> MyID MFA and MyID PSM were previously known as Authlogics products. Authlogics is now an Intercede Group company and the products have been rebranded accordingly.
> The term 'Authlogics' may still appear in certain areas of the product.

Intercede has 3 versions of its Password Breach Database:

(1) Offline Password Breach Database (Min)
- Included with MyID Authentication Server containing the top 1 million breached passwords.
- Infrequently updated.

(2) Offline Password Breach Database (Full)
- Separate download containing over 2 billion breached passwords.
- Infrequently updated.

(3) Cloud Password Breach Database
- An Internet hosted database containing over 8 billion breached credentials.
- Regularly updated.

The MyID Authentication Server includes an Offline Password Breach Database of the top 1 million most often breached passwords. This can reduce the reliance on Cloud Password Breach lookups. If a password is not found in the Offline Password Breach Database then, unless disabled by policy, the MyID Cloud Password Breach Database will also be checked.

A full Offline Password Breach Database containing the 8 billion breached passwords is available as a separate addon download from https://www.intercede.com/support/downloads/. When the full database is installed, it may be acceptable to disable Cloud Password Breach Database lookups.

> **Note**
> The MyID Cloud Password Breach Database is regularly updated whereas the Offline Password Breach Database is not. Unless a fully offline solution is required MyID still recommends leaving Cloud Password Breach Database lookups enabled to ensure that the most recent entries are being checked.

Prerequisites

The Offline Password Breach Database can only be installed onto a server that is already running the Authentication Server 4.0.1740.0 or higher. If the Authentication Server is not installed, then the Offline Password Breach Database installer will not complete the setup.

The Offline Password Breach Database requires approximately 6Gb of disk space.

Database Performance

The Offline Password Breach Database is a custom format designed to be highly efficient at password hash matching. It does not require a database "engine" such as SQL as the database access logic is built directly into the MyID Authentication Server.

Deployment

The following deployment overview walks through the installation process for deploying MyID.

When the MyID Offline Password Breach Database is installed the MyID Authentication Server will automatically us it instead of the built in Offline Password Breach Database containing only 1 million entries. If the Offline Password Breach Database is uninstalled then the MyID Authentication Server will automatically revert to the build in Offline Password Breach Database containing only 1 million entries, if installed.

Overview

To fully deploy the MyID Offline Password Breach Database:

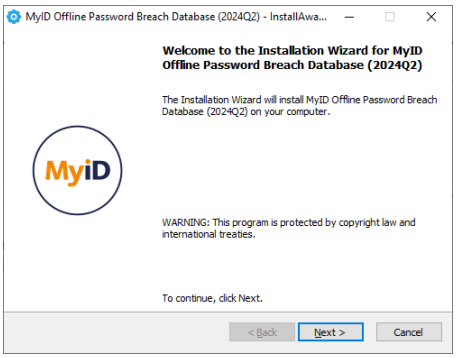
(1) Install the Authentication Server on a Windows Server.
(2) Install MyID Offline Password Breach Database.

Installing MyID Offline Password Breach Database

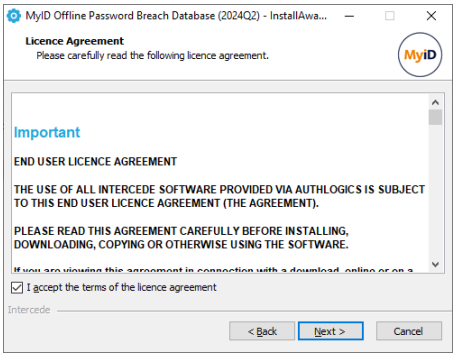
The MyID Offline Password Breach Database is an add-on to the MyID Authentication Server which must be set up first.

> **Note**
> This section of the installation process requires Local Administrator rights on the server.

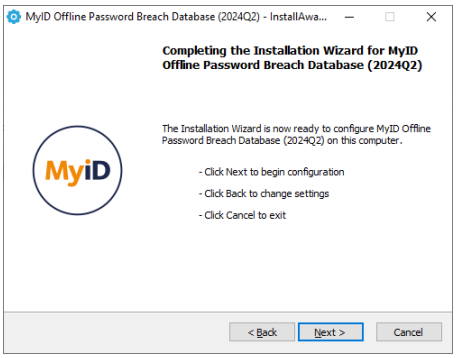
(1) To start the MyID Offline Password Breach Database installation, run the *MyID Offline Password Breach Database xxxxx.exe* installer.



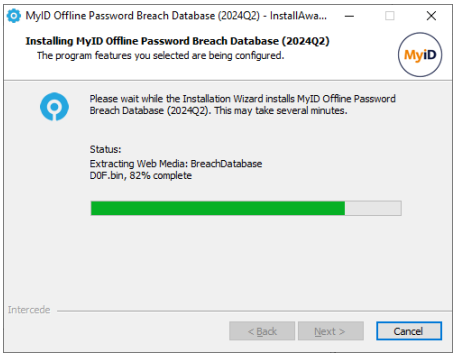
(2) Click *Next* to continue.



(3) Click *Next* to continue.

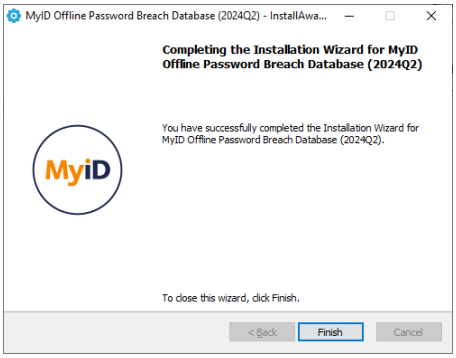


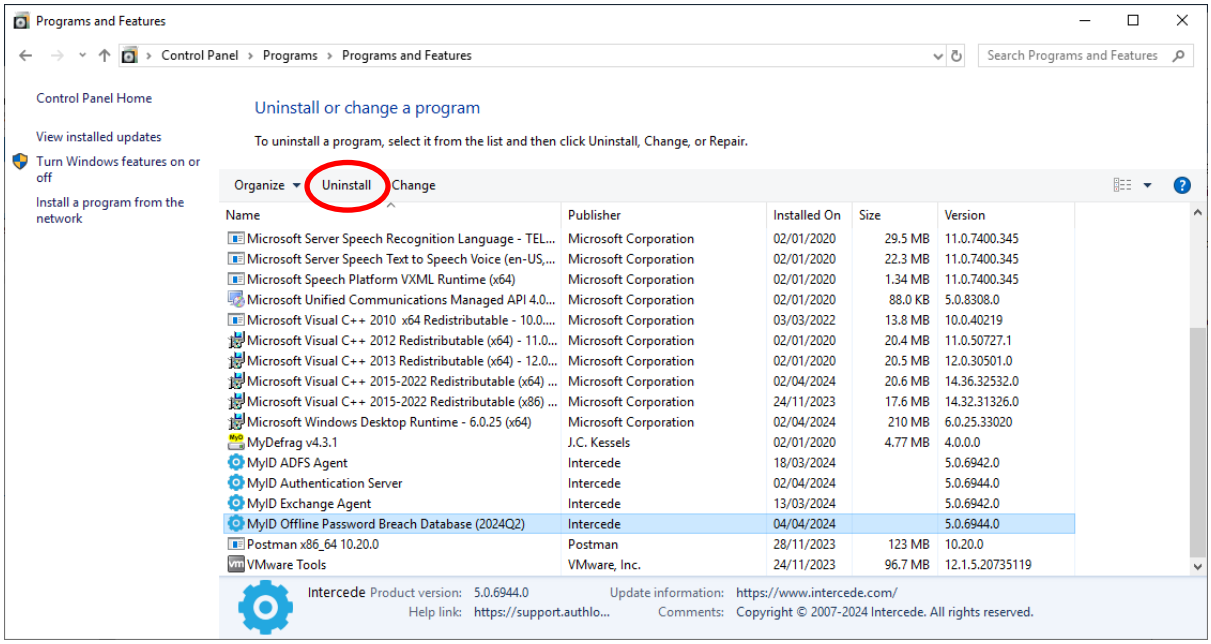
(4) Click *Next* to continue.



The installation is being performed.

(5) Click *Finish* to complete the installation process.



Uninstalling MyID Offline Password Breach Database

If you no longer require MyID Offline Password Breach Database on a server, you can remove it by performing an uninstall from Control Panel > Programs > Programs and Features: