# intercede

# Authlogics

# Offline Breach Database Guide

### Fully offline breach database add-on

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### Introduction

Authlogics has 3 versions of its Password Breach Database:

- (1) Offline Password Breach Database (Min)
  - Included with Authlogics 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 5 billion breached credentials.
  - Regularly updated.

The Authlogics 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 Authlogics Cloud Password Breach Database will also be checked.

A full Offline Password Breach Database containing over 2 billion breached passwords is available as a separate addon download from <u>https://authlogics.com/downloads/</u>. When the full database is installed it may be acceptable to disable Cloud Password Breach Database lookups.



The Authlogics Cloud Password Breach Database is regularly updated whereas the Offline Password Breach Database is not. Unless a fully offline solution is required Authlogics 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 Authlogics 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 Performace**

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 Authlogics Authentication Server.

### Deployment

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

When the Authlogics Offline Password Breach Database is installed the Authlogics 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 uninstlled then the Authlogics 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 Authlogics Offline Password Breach Database:

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

### Installing Authlogics Offline Password Breach Database

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

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

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

Authlogics Offline Passwer	ord Breach Database - InstallAware 🛛 🗙
S	Welcome to the Installation Wizard for Authlogics Offline Password Breach Database
hlogi	The Installation Witzer d will noted Authlogics Offline Password Breach Database on your computer.
Authl	WARNING: This program is protected by copyright law and international treaties.
intercede	To continue, click Next.
	< <u>B</u> ack <u>N</u> ext > Cancel

(2) Click Next to continue.

Authlogics Offline Password Breach Database - InstallAware	-		$\times$
Licence Agreement Please carefully read the following licence agreement.	Aut	hløg	ics
			^
Important			
END USER LICENCE AGREEMENT			
THE USE OF ALL AUTHLOGICS SOFTWARE IS SUBJECT TO THI LICENCE AGREEMENT (THE AGREEMENT).	S END US	ER	
PLEASE READ THIS AGREEMENT CAREFULLY BEFORE INSTALL DOWNLOADING, COPYING OR OTHERWISE USING THE AUTHLO		TWARE.	
If you are viewing this agreement in connection with a downlo	ad online		~
I accept the terms of the licence agreement			
Authlogics			
< <u>B</u> ack Ne	xt >	Cance	el

#### (3) Click Next to continue.

Authlogics Offline Passweight	ord Breach Database - InstallAware – 🛛 🗙 🗙
gics	Completing the Installation Wizard for Authlogics Offline Password Breach Database
Authløg	The Installation Wizard is now ready to configure Authlogics Offline Password Breach Database on this computer .
	- Click Next to begin configuration
	- Click Back to change settings
	- Click Cancel to exit
A	
intercede	
	< <u>B</u> ack <u>N</u> ext > Cancel

#### (4) Click Next to continue.

Authlogics (	Offline Password Breach Database - InstallAware	-		×
	uthlogics Offline Password Breach Database am features you selected are being configured.	Aut	hlog	jics
Ô	Please wait while the Installation Wizard installs Authlog Password Breach Database. This may take several minu		2	
	Status: 97F.bin, 60% complete			
Authlogics				
	< <u>B</u> ack <u>N</u> er	ct >	Can	cel

The installation is being performed.

(5) Click Finish to complete the installation process.

Authlogics Offline Passwo	ord Breach Database - InstallAware 📃 🛛 🗙
gics	Completing the Installation Wizard for Authlogics Offline Password Breach Database
<b>o</b>	You have successfully completed the Installation Wizard for Authiogics Offline Password Breach Database.
Authl	
intercede	To close this wizard, click Finish.
	< Back Finish Cancel





### **Uninstalling Authlogics Offline Password Breach Database**

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

	Panel > Programs > Programs and Features		× č	Search Dro	grams and Features	Q
	and > riograms > riograms and reactices		• 0	Jearchinio	granis and reacures	~
e Edit View Tools						
Control Panel Home	Uninstall or change a program					
View installed updates	To uninstall a program, select it from the list and then	click Uninstall, Change, or Repair.				
Turn Windows features on or	$\frown$					
off	Organize Uninstall Change					
Install a program from the network	Name	Publisher	Installed On	Size	Version	
	Authlogics Authentication Server	Authlogics	13/11/2020		4.0.1740.0	
	Authlogics Offline Password Breach Database	Authlogics	14/11/2020		4.0.1740.0	
	© Google Chrome	Google LLC	02/01/2020	58.1 MB	86.0.4240.198	
	C Microsoft Edge	Microsoft Corporation	14/11/2020		86.0.622.69	
	Microsoft Exchange Server 2019 Cumulative Update 4	Microsoft Corporation	02/01/2020		15.2.529.5	
	Microsoft Lync Server 2013, Bootstrapper Prerequisite	Microsoft Corporation	02/01/2020	188 MB	5.0.8308.0	
	Microsoft Server Speech Platform Runtime (x64)	Microsoft Corporation	02/01/2020	6.69 MB	11.0.7400.345	
	Microsoft Server Speech Recognition Language - TEL	Microsoft Corporation	02/01/2020	29.5 MB	11.0.7400.345	
	III Microsoft Server Speech Text to Speech Voice (en-US,	Microsoft Corporation	02/01/2020	22.3 MB	11.0.7400.345	
	Microsoft Speech Platform VXML Runtime (x64)	Microsoft Corporation	02/01/2020	1.34 MB	11.0.7400.345	
	Microsoft Unified Communications Managed API 4.0	Microsoft Corporation	02/01/2020	88.0 KB	5.0.8308.0	
	Microsoft Visual C++ 2012 Redistributable (x64) - 11.0	Microsoft Corporation	02/01/2020	20.4 MB	11.0.50727.1	
	Microsoft Visual C++ 2013 Redistributable (x64) - 12.0		02/01/2020	20.5 MB	12.0.30501.0	
	Hicrosoft Visual C++ 2015-2019 Redistributable (x64)	Microsoft Corporation	13/05/2020	23.1 MB	14.20.27508.1	

