Ai-dba Installation and Configuration

Fard Solutiond Sdn. Bhd. 9/12/19

Contents

Install Ai-dba	2
Configure Ai-dba Agent	6
Upgrade Ai-dba Agent	12
Let us know what you think	13

Install your first Ai-dba agent Install, configure, and upgrade Ai-dba agent

The following guideline teach you how to install, configure, and upgrade Ai-dba agent easily; installing Ai-dba is a really straight-forward process, if you just follow the steps. As the agent is installed, it starts to get the data from your server and send to Ai-dba repository.

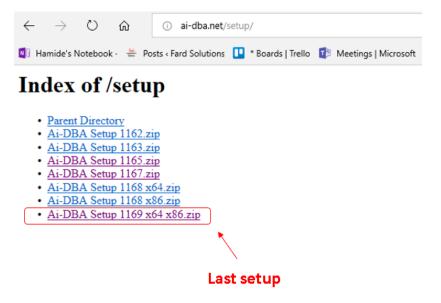
Install Ai-dba

To get the latest version of Ai-dba agent go through the following link:

ai-dba setup directory

Download the last ai-dba setup; and move the zip file to your server and extract it where you want it.

Attempt: You can identify the latest setup file by checking the **Version** number. In the following example the latest setup is 1169 which can support x64 and x86 systems.



After extracting files, run **Ai-DBA Setup.exe** (we recommend you to run this file in *Run as administrator* mode).

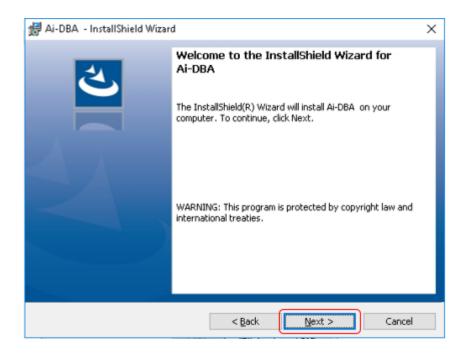
1. Wait for preparation step. To install Ai-DBA, minimum .NET framework 4.6 is required. It will be installed by setup file if it is required.

Ai-DBA - InstallShield Wizard	
ی ا	Preparing to Install Ai-DBA Setup is preparing the InstallShield Wizard, which will guide you through the program setup process. Please wait. Configuring Windows Installer
	Cancel

2. Click Next.



3. Click Next



4. Read the SLA, then click I accept the terms... and Next.

🛃 Ai-DBA - InstallShield Wizard	×
License Agreement Please read the following license agreement carefully.	さ
This agreement is between Fard Technology Corp. (See the Customer (entity or individual) agreeing to these t	<i>p</i> .
USE OF SERVICE.	
Customer Responsibilities. Customer (i) must obtain the to access, report on and otherwise use the technology [configures] within the Service; (ii) must keep its pass confidential; (iii) is solely responsible for Customer De	networks that it words secure and
I accept the terms in the license agreement I do not accept the terms in the license agreement	Print
InstallShield < BackNe	xt > Cancel

5. Change the Ai-dba destination folder to C:\AIDBA. It is easier for support team for the next maintenances and troubleshoots.

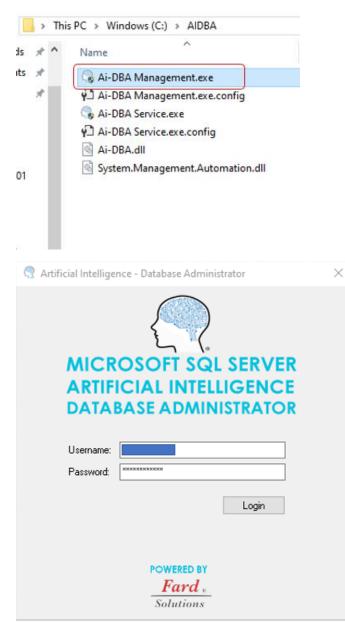
	🛃 Ai-DBA	- InstallShie	ld Wizard			×
	Destination Click Nex		this folder, or	r click Change to in	stall to a different folder.	と
	Ø	Install Ai-De C:\AIDBA\	BA to:		1 [Change
🛃 Ai-DBA - InstallShield Wizard				×		
Change Current Destination Folder	r			4.		
Browse to the destination folder.						
Look in:					1	
A-DBA			~	•		
					3	
					Next >	Cancel
Eolder name: 2						
InstallShield						
			ок	Cancel		

6. Check the settings and click Install.

15	🛃 Ai-DBA - InstallShield Wizard		×
F	Ready to Install the Program		4.
	The wizard is ready to begin installation.		
	If you want to review or change any of your installation s exit the wizard.	ettings, click Back. (Jick Cancel to
	Current Settings:		
	Setup Type:		
	Typical		
	Destination Folder:		
	C:\AIDBA\		
	User Information:		
	Name: Hamide B. Abshuri		
	Company:		

Configure Ai-dba Agent

To configure Ai-DBA agent, navigate through the Ai-DBA destination folder and run the **Ai-DBA Management** file. Key in the **username** and the **password** which are emailed to customer once their PO placed.



Attempt: Ai-DBA configuration.

7. After login, customers detail will be appeared in account tab. Check the data and click **Configure**.

	cial Intelligence	e - Database Admir	nistrator	×
Account	Statistics Data	Recommendations	Security	
Accou			_	
_	ered Company:			
Join Da	ate:	Expiry D	ate:	
Check	Intervals:			
Recom	mendations Sen	t: License	S:	
Recon	mendation Email	(s) - Separated by ',' -	Up to 5 Email(s) :	
Con	figure		Update	

8. Before configuring SQL Server Servers, we start to fill the lower part with intended information. Cache Directory is the temporary address to place the gathered data. The data will be truncated after it moves to *Fard Azure repository* each time. We suggest you to check Multi-threaded option to let Ai-dba agent run faster. Those companies, which want to have a copy of gathered data and log for their own investigation, need to fill the Security Compliance section with desired paths.

Note: these data remain in these addresses and would not be truncated. So, consider to set the drive with enough space.

Artificial Intelligence I	Database Admir	nistrator - Configuratio	on ×
SQL Server Servers			
Name		Connection String	
Delete			New
Cache Directory:	:\AIDBA\Temp\		
Destination Server:	******************	****	****************
Multi-Threaded :	2		
Account ID:			
Username:			
Password:			
- Security Compliance			
Archive Log Path:	C:\AIDBA\Log		
Archive Data Path:	C:\AIDBA\Data		
			Apply

9. To set the SQL Server Servers, click New.

SQL Name is the name which will be stored in *Fard Azure repository* to specify customers SQL Server license name (we suggest you to set this with machine name or instance name or combination of both). Those companies with more than one license, should specify a unique name for each SQL Name.

Server is the SQL Server instance name which you want to Ai-dba runs on it. For remote servers with named instance make sure you specify the *port* number as well as *instance name*. choose the authentication type which can be **Windows authentication** or **SQL Server authentication** and key in the user name and password if you set *SQL Server authentication*.

NOTE: This user should be set as sysadmin in SQL Server instance. Otherwise, Ai-dba agent cannot get proper data from server/s.

By click **Test Connection** ensure the SQL Server connection can be stablished successfully.

Click **Save** and new row will be added to **SQL Server Servers**. To add more servers, repeat this step.

Note: After click **Save** you are not able to change the connection setting. If you need to do so, delete the corresponding row in **SQL Server Servers** table and add the new connection again.

New Server		
SQL Name: 1	HamideMine	
Server: 2	192.168.1.6\Mine,12345	
Azure SQL DB:		×
Database Name:		
3	Windows Authentication	The SQL Server Connection Established Successfully.
	SQL Server Authentication	ок
Username:		
Password:		
4 Test Connection	. 5	Save

10. After saving the connection setting, new row will be added to **SQL Server Servers** list. Click **Apply** and click the cross (X) to close the configuration management.

Name		Connection String	
HamideMine		c2VydmVyPTE5Mi4xNj	nuMS42×
×			gui-re 16 111
Delete			New
ache Directory: C:	\AIDBA\Temp\		
estination Server:	*****	***************************************	**********
Multi-Threaded : 🗹			
Account ID:			
Jsemame:			
Password:			
Security Compliance – Archive Log Path:	C:\AIDBA\Log		
- L			
Archive Data Path:	C:\AIDBA\Data		

11. To start Ai-dba agent navigate through Win>Services, find **Ai-dba service** and Start it.

. ^				-		
Name	Description	Status		ир Туре	Log On As	
💁 ActiveX Installer (AxInstSV)	Provides Us		Man	ual	Local System	
Agent Activation Runtime	Runtime for.	Ai-DBA Se	ervice Pro	operties (Lo	cal Computer)	\times
🥋 Ai-DBA Service 🖕	Artificial Int					
🎑 AllJoyn Router Service	Routes AllJo.	General	Log On	Recovery	Dependencies	
🎑 AnyDesk Service 📃 🔪	AnyDesk su					
🎑 App Readiness	Gets apps re.	Service	name:	Ai-DBA Sei	rvice	
🎑 Application Identity	Determines	Display	name:	Ai-DBA Sei	rvice	
🎑 Application Information	Facilitates t			Artificial Int	elligence - Database Administrator	
🎑 Application Layer Gateway	Provides su	Descrip	tion:	Windows 9	Service Manages the Associated SQL	0
🎑 Application Management	Processes in.			Carvar Inst	ances Reserved on the Machine Learning	*
🎑 AppX Deployment Service (Provides inf		executab			
🎑 ASP.NET State Service	Provides su	"C:VAID	BA\Ai-DB	A Service.ex	ke"	
🧟 AssignedAccessManager Se	AssignedAc	Startup	type:	Automatic		\sim
🎑 Auto Time Zone Updater	Automatica					
🔍 AVCTP service	This is Audi					
🧟 Background Intelligent Tran	Transfers fil					_
🧟 Background Tasks Infrastruc	Windows in	Service	status:	Stopped		
🧟 Base Filtering Engine	The Base Fil	S	tart	Stor	Pause Resum	e
BitLocker Drive Encryption	BDESVC hos.					-
🧟 Block Level Backup Engine	The WBENG.	You car from her		he start para	meters that apply when you start the ser	vice
🧟 Bluetooth Audio Gateway S	Service sup	from her	e.			
🔍 Bluetooth Support Service	The Bluetoo.	Start pa	rameters:			
🧟 Bluetooth User Support Ser	The Bluetoo.					
🔍 BranchCache	This service .					
🧟 Canon Inkjet Printer/Scann	Collects log				OK Cancel A	Apply
🖄 Canahility Access Manager	Provides fac					

Recommendation: We highly recommend to set Ai-dba service account to a *Windows* or *Domain* account with *sysadmin* privilege. To do so, in Ai-dba service, click the **Log On** tab, Change the **Log on as** to **This account** and key in the account and its password.

Ai-DBA Service Properties (Local Computer)	×
General Log On Recovery Dependencies	_
Log on as:	
Local System account Allow service to interact with desktop	
Allow service to interact with desktop	
Password:	
Confirm password:	
3	
OK Cancel Apply	

12. To see whether Ai-dba agent is working or not, navigate through *Cache Directory* which you have set in second step. You will see 2 folders created and the data are gathered here.

This PC > Windows (C:) > AIDBA > Temp

	ine i minaette (ely i meent i temp		
^	Name	Date modified	Туре
	HamideMine-09_17_2019-06_28_29	9/17/2019 2:28 PM	File folder
		9/17/2019 2:28 PM	File folder

Upgrade Ai-dba Agent

The Ai-dba patches usually be presented monthly. You can refer to <u>this URL</u> to check what the latest patch is. To upgrade Ai-dba agent to the latest version, you need to uninstall and re-install the agent.

Try It: Upgrade Ai-dba agent.

- **1.** Download the last ai-dba setup; and move the zip file to your server and extract it where you want it.
- 2. Open Task Manager and navigate to Details tab. Check, if Ai-dba Service is running, end its task.

Processes	Performance	App hist	ory Startup	Users Det	ails Services				
Name	^	PID	Status		User name	CPU	Memory (a	UAC virtualizat	
 Ai-DBA Service.exe AnyDesk.exe AnyDesk.exe ApplicationFrameH AppVShNotify.exe AppVShNotify.exe app_updater.exe audiodg.exe browser_broker.exe conhost.exe 		10024	Dunning		AIDBA	00	5,696 K	Not allowed	
		End task			SYSTEM	00	280 K	Not allowed	
		Provide feedback End process tree			Hamide B	00	200 K	Disabled	
					Hamide B	00	4,884 K	Disabled	
		Set priority > Set affinity			SYSTEM	00	16 K	Not allowed	
					Hamide B	00	16 K	Disabled	
					SYSTEM	00	540 K	Not allowed	
		Analyze wait chain		LOCAL SE	00	3,912 K	Not allowed		
		Debug UAC virtualization Create dump file			Hamide B	00	1,148 K	Disabled	
					SYSTEM	00	1,492 K	Not allowed	
					Hamide B	00	16 K	Disabled	
					MSSQLFD	00	8 K	Not allowed	
		Open file location Search online Properties Go to service(s)			SYSTEM	00	8 K	Not allowed	
					Hamide B	00	52 K	Disabled	
					Hamide B	00	104 K	Disabled	
					Hamide B	00	84 K	Disabled	
					SYSTEM	00	676 K	Not allowed	
Csrss.exe	e	15492	Running		SYSTEM	00	960 K	Not allowed	
📝 ctfmon.exe 🏆 CxAudMsg64.exe		13096 Running			Hamide B	00	6,248 K	Disabled	
		3868	3868 Running		SYSTEM	00	16 K	Not allowed	
CxUtilSvc.exe		3900 Running			SYSTEM	00	20 K	Not allowed	
IdasHost	.exe	4376 Running			LOCAL SE	00	16 K	Not allowed	

3. navigate through **Win>Services** and stop the *Ai-dba service*.

🔍 Ai-DBA Service	Start ning
AllJoyn Router Service	Stop -
🏩 AnyDesk Service 📃	ning
🎇 App Readiness	Pause
🔍 Application Identity	Resume
Application Information	Restart ning
Application Layer Gatev	All Tasks
🔍 Application Manageme	All lasksning
🎑 AppX Deployment Serv	Refresh
🍓 ASP.NET State Service	
AssignedAccessManage	Properties
🎑 Auto Time Zone Update	Help
🖄 MACTE	

4. follow the steps of Install Ai-dba Agent section.

Note: Ensure Ai-dba destination folder is same as where you have installed before. Otherwise, you need to copy **Configuration.bin** from last destination folder to the new destination folder or <u>configure Ai-dba agent</u> again.

Let us know what you think

Please <u>give us feedback on this learning guide</u>, so we can provide content that's truly useful and helpful. Thanks!