vinchin

VINCHIN BACKUP & RECOVERY v7.0

User Guide for SQL Server Database

2023/07







Partner Independent Software Vendor

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Supported SQL Server Environments

Supported Deployments:

- Standalone
- Failover Cluster
- Always On availability groups

Supported MS SQL Server Versions:

- MS SQL SERVER 2008 R2
- MS SQL SERVER 2012
- MS SQL SERVER 2016
- MS SQL SERVER 2017
- MS SQL SERVER 2019

Supported Operating Systems:

- Windows server 2008 R2
- Windows Server 2012 R2
- Windows Server 2012 R2
- Windows Server 2016
- Windows Server 2017
- Windows Server 2019

Preparation for SQL Server Backup

Download Agent

Open the web console of Vinchin Backup & Recovery on the target Windows server which you wish to backup, on the login screen, click on **Download Backup Plugin** to show the agent download options.

In the Type dropdown list, please select Physical Backup Agent option.

In the OS dropdown list, please select Windows.

Click on **Download** button to download the backup agent for the Windows servers.

The downloaded backup agent installer for Window should be a .exe package. If you've downloaded it on another Windows desktop, please upload it to the Windows server which you wish to backup.

Install Agent

Please follow the installation wizard to complete the database backup agent installation. Install the backup agent follow the steps below.

1. Run the backup agent installer with administrator permission by right clicking on the installer

Vinchin Backup & Recovery v7.0 | SQL Server Database User Guide

and select Run as administrator.

2. Specify installation location.

🌄 Setup - VinchinBackupAgent	—		×
Select Destination Location Where should VinchinBackupAgent be installed?		6	Þ
Setup will install VinchinBackupAgent into the following folder.			
To continue, click Next. If you would like to select a different folder, click	Browse		
C:\Program Files\VinchinBackupAgent	Brows	se	
At least 500.0 MB of free disk space is required.			
< Back Next >		Cance	I

It's recommended to install the backup agent in the default location.

3. Specify connection mode.

🌉 Setup - VinchinBackupAgent		_	
Agent configuration Connection mode			
○ Connection mode 1 Server-to-client			
Connection mode 2 Client-to-server			
	< Back	Next >	Cancel

Choose between Connection mode 1 and 2 to determine "Server-to-client" or "Client-to-server" connection mode.

If Connection mode 1, the agent will only be installed and will not connect to server, users will have to add the agent from Vinchin Backup & Recovery web console after the agent installation. If Connection mode 2, users will be asked to provide the Vinchin backup server IP for the agent being able to automatically connect to after the installation.

4. Specify backup server IP.

🍔 Setup - VinchinBackupAgent			_	□ ×
Agent configuration Specify backup server IP				
Please enter the backup server IP:				
	< Back	Next >		Cancel

If you had chosen Connection mode 2, please enter the backup server IP address and click on next to continue. 5. Port configurations.

If Connection mode 1, users have to specify the Agent listening port and Agent transmission port.

🌄 Setup - VinchinBackupAgent		-	□ ×
Agent configuration Service port configuration			
Server listening port	Agent transmission port 23101		
	< Back Next >		Cancel

If Connection mode 2, users have to specify the server listening port and agent transmission port.

Setup - VinchinBackupAgent Agent configuration Service port configuration	-	×
Agent listening port	Agent transmission port 23101	
	< Back Next >	Cancel

For both scenarios, it's always recommended to use the default port numbers.

6. Specify the start menu folder.

🌄 Setup - VinchinBackupAgent	-		×
Select Start Menu Folder Where should Setup place the program's shortcuts?			D
Setup will create the program's shortcuts in the following Start N	1enu fo	lder.	
To continue, click Next. If you would like to select a different folder, click	Brows	e.	
VinchinBackupAgent	B <u>r</u> ov	vse	
< <u>B</u> ack <u>N</u> ext >		Canc	el

Please use the default folder and click on **Next** to continue.

7. Confirm installation.

Setup - VinchinBackupAgent —	
Ready to Install Setup is now ready to begin installing VinchinBackupAgent on your computer.	
Click Install to continue with the installation, or click Back if you want to review o change any settings.	r
Destination location: C:\Program Files\VinchinBackupAgent	^
Start Menu folder: VinchinBackupAgent	
د	>
< <u>B</u> ack Install	Cancel

If there's no issue with the installation location and the start menu folder, please click on **Install** to confirm the agent installation.

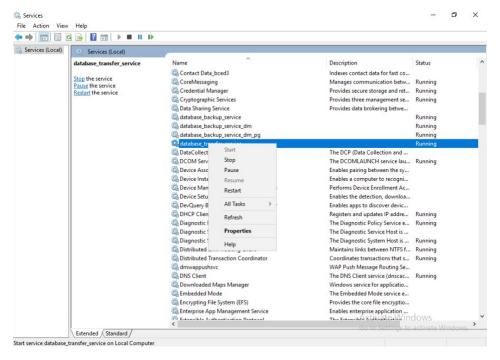
Once the installation is completed, please click on Finish to exist the agent installation wizard. If you had chosen Connection mode 1 (Server-to-client), after the agent installation, please open Vinchin Backup & Recovery web console to add the agent to Vinchin backup server, please refer to <u>Add Agent</u>.

Once the installation completed, there will be two services 'database_backup_service' and 'database_transfer_ser vice' running which could be found in Windows **Services**. Then you have successfully installed the SQL Server back up plugin on the Windows system.

Processes Performance Use	rs Details	Services			
Name	PID	Description	Status	Group	^
database_backup_service	3172	database_backup_service	Running		
database_transfer_service	5620	database_transfer_service	Running		

If you want to use Windows authentication to backup the database, please edit the database backup services to log on as **administrator** from Windows **Services**.

Please first stop 'database_backup_service' and 'database_transfer_service' services by right clicking on them and select **Stop**.



When these 2 services had been stopped, right click on them and select **Properties > Log On**, select log on as **This account**, then fill in the administrator account name and password, click on **Apply** and restart the services.

database_backup_	service Pro	perties (Local C	Computer)		×
General Log On	Recovery	Dependencies			
Log on as:					
C Local System		t with desktop			
This account:	adr	ninistrator		Browse	
Password:	••	•••••			
Confirm passw	vord:	•••••			
		ОК	Cancel	Apply	

Add Agent

If the connection mode is 1 (Server-to-client), after the agent installation, users have to added the agents from Vinchin Backup & Recovery web console from **Resources** > **Agents** page.

Click on **Add** button to add the agent.

Notice					×
1. Please dov	wnload and	install agent on target s	erver then add the agent.		
If the agen don't have		with Agent-to-server of	onnection mode, agent wi	Il connect to server direct	ly, yoi
 If the agen agent. 	t is installed	with Server-to-agent of	onnection mode, please fi	ll in physical server IP to a	dd
IP A	Address	172.18.19.25			
				•	
	Name	CentOS Server		✓	
Agent Signali	ing Port	23100			

In the IP Address field, please input the IP of the Linux/Windows server which you had installed the agent with

Server-to-client connection mode.

In the Name field, you can give it a name for identification.

As for the **Agent Signaling Port**, it's not recommended to change it, please leave it as default. Once done, click **OK** to add the agent.

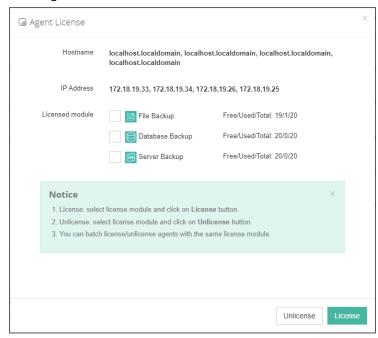
Agen	ts Zagent Groups								
• Add ¹ a Edit ¹ Delete ¹ License ¹ a Delete ¹ License ¹ B Assign									ne or IP Search
	IP Address	Hostname	OS 🕴	Licensed module	Application Settings	Add Time	Status 0	Owner 0	Operation
	172.18.18.9	WIN-VISBH2S190J/Windows Server 2016	Windows Server 2016 Standard		-	2023-02-07 17:35:11	Online(Deployed)	admin	👌 Options 🗸
	172.18.19.26	localhost.localdomain/172.18.19.26	CentOS Linux release 7.8.2003 (Core)			2023-02-03 10:44:19	Online(Deployed)	admin	👌 Options 🗸
	172.18.19.25	localhost.localdomain/172.18.19.25	CentOS Linux release 7.8.2003 (Core)	-	-	2023-02-03 10:44:19	Online(Deployed)	admin	🖞 Options ~

All agents connected to Vinchin backup server, no matter with Server-to-client or Client-to-server mode, will be all list on the **Resources > Agents** page.

License Agent

All physical backup agents connected to Vinchin backup server will be listed on the **Resources** > **Agents** page. Before users can perform file, database or server backup, the agents need to be licensed with corresponding license modules.

Select one or a group of physical backup agents and click on License button, you'll be able to enable backup of those agents.



The physical backup agents can be licensed with File Backup, Database Backup and Server Backup license modules. According to the workloads running on the physical server, please select corresponding module and then click on **License** button to get the agents licensed for backup.

To unlicense the agents, please also select the corresponding module and click on **Unlicense** button to get the agents unlicensed.

Configure Application

After the installation of Vinchin physical backup agent on SQL Server database server, users have to license the agent with database backup module.

When done installation and licensing, please open Vinchin Backup Server web console and go to **Resources** > **Agents** page, find the target agent, click on **Options** and then select **Application** to configure application settings for database backup.

Click on Configure Application button to configure the application settings.

In the Application Type dropdown list, please select SQL Server.

⊕ Configure Application ×										
1 Applie	catio	n Type			Appli	cation Settings				
Application Type *	SC	L Server			~					
Select Instance *										
		Instance Name	Database Type	Version	User	Authentication Mode	Auth			
		MSSQLSERVER	SQL Server							
		Pag	e < 1 →	of 1 View	10	✓ records Total 1 re	ecord(s)			

Select the SQL Server instance and click on Next.

There are two authentication modes, Windows Authentication and SQL Server Authentication.

If select **Windows Authentication**, agent will use the user which you logged in to connect the SQL Server database, when running database backup.

If select **SQL Server Authentication**, in the popup dialog, fill the **Username** and **Password** that database you want to use.

\oplus Configure Application								
1 ~ Ap	plication Type	2 Application Settings						
Authentication Mode	SQL Server Authentication	~ ()						
Username *	sa							
	Database instance user name.							
Password *								
	Password for database instance login.							

When SQL Server application is successfully configured, in the agents list, you should see the agent look like below.

	172.18.22.11	WIN-I8KFA5CU5LP/sqlserver	Windows Server 2016 Datacenter	8	MSSQLSERVER(SQL	2023-02-17 15:05:04	Online(Deployed)	admin	실 Options ~
					Server)				

Now you should be able to create backup jobs for the SQL Server database server.

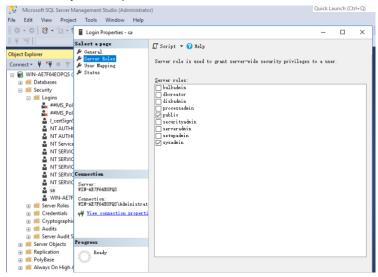
Note

Whichever authentication mode you select, please ensure that the user must have database **sysadmin** permissions.

Before Backing Up MS SQL Server

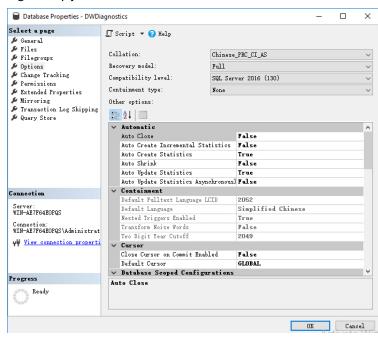
Check Database User Permission

Check the database user permissions which you wish to perform SQL Server database backup, at least ensure the user have **sysadmin** permission, check the details as below.



Check Recovery Model

Check the recovery model of database, please ensure the recovery mode is "Full", otherwise log backup job will fail.



Check Restrict Access

Check the Restrict Access is 'MULTI_USER' in database properties so that the database can be multiple access when do backup or restore job.

~
~
~
~
^
3
~
8

Create Backup Job

To create SQL Server database backup jobs, please go to **Physical Backup** > **Database Backup** > **Backup** page. There are 4 steps to create a database backup job.

Step 1: Backup Source

First select database backup agent from left column, then expend SQL Server instance and select the databases which need to be backed up.

A New Database Backup Job					
1 Backup Source	2 Backup Destination	3 Bac	ckup Strategies	4 Review & Con	ıfirm
Database Backup Agents	SQL Server ~	Search by database nam	r	Selected Database	
Search by keyword	⊡ 📱 192.168.91.13(WIN-KC7F5950	QF3V)	8	MSSQLSERVER/master	×
192.168.91.13(WIN-KC7F595QF3V)				MSSQLSERVER/model	×
	፼ 를 msdb ፼ 를 ReportServer ፼ 를 ReportServerTempDB			MSSQLSERVER/msdb	×
	🐨 🖨 DWDiagnostics 🐨 🖨 DWConfiguration			MSSQLSERVER/ReportServer	×
	DWQueue			MSSQLSERVER/ReportServerTempDB	×
				MSSQLSERVER/DWDiagnostics	×
				MSSQLSERVER/DWConfiguration	×
				MSSQLSERVER/DWQueue	×

Step 2: Backup Destination

A backup destination (backup storage) should be associated with this backup job.

1 v Backup Sourc	e 2 Backup Destination	3 Backup Strategies	4 Review & Con
Target Node	localhost.localdomain(192.168.91.18)	~	
Target Storage	CIFS_NEIL_PC(CIFS Share, Capacity :331.51GB, Free : CIFS_NEIL_PC(CIFS Share, Capacity :331.51GB, Free : Local Disk_18(Local Disk, Capacity :49.97GB, Free Spac - Select a backup node to furn ins backup job. 2. Select a storage on the node to save the backup data.	Space:314.84GB)	

In the **Target Node** dropdown list, you can select a backup node on which you want the backup data to be processed and stored.

In the **Target Storage** dropdown list, the storages belong to the selected backup node can be selected. When done selecting the backup storage, please click on **Next** button to continue.

Step 3: Backup Strategies

In the General Strategy it including Schedule, Speed Controller, Data Storage Policy and Retention Policy.

/ Database Backup J		
1 v Backup So	ource 2 v Backup Destination 3 Backup Strategies	4 Review & Cont
🔏 General St	rategy 🗢 Transmission Strategy 🐲 Advanced Strategy	
	🖸 Schedule	+
	Mode Backup as scheduled ~	
	Schedule * Full Backup Differential Backup Log Backup ()	
	ᢙ Speed Controller	+
	Data Storage Policy Data Deduplication: OFF, Data Compression: ON	+
	Retention Policy Restore Point(s), 30	+

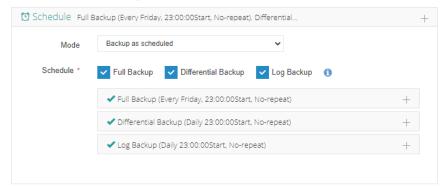
In the Schedule field, you can configure the time schedule of the backup job, you can configure the job as a **Backup** as **Scheduled** job or a **Once-off Backup** job.

For a once-off backup job, the job will only run for once, and only full backup will be performed. You only have to appoint a time of when to start the backup job, in the Time Schedule field.

🖸 Schedule									+
Mode	Once-off Bad	ckup						~	•
Start Time *							×		0
			N	over	nber	202	1	>	
Speed Control	ler	Su	Мо	Tu	We	Th	Fr	Sa	
		31	1	2	3	4	5	6	
🗎 Data Storage F	Policy Data (7	8	9	10	11	12	13	on: ON -+
	D/ Destars D	14	15	16	17	18	19	20	
Retention Policy Restore P		21	22	23	24	25	26	27	
		28	29	30	1	2	3	4	
		5	6	7	8	9	10	11	

For a backup as scheduled job, you can schedule Full Backup, Differential Backup and Log Backup.

Here we take these three Backup as an example. Please set the backup mode and backup schedule as per your actual demands, then please click on **Next** to continue.



Speed Controller is optional. It can be used to limit the transmission speed during database backup if needed. The speed controller policy can be configured as either As Scheduled or Permanent. An As Scheduled policy can be

Policy	As Scheduled 🗸 🕤	
Schedule	Daily Every week Weekly Monthly	Monday Tuesday Wednesday Thursday V Friday Saturday Sunday
	Start Time	23:00:00
	Repeat End	23:30:00
ax Speed	15 ^ ~ MB/s ~ 🕚	

configured to limit the backup speed on Daily, Weekly and Monthly basis.

A Permanent policy will always limit the backup speed within the specified Max Speed.

ler			>
Permanent	~ ()		
15 ^ ~	MB/s 🗸 🚺		
			Cancel OK
	Permanent	Permanent 🗸	Permanent 🗸 🚯

There are 2 options in Data Storage Policy section, Data Deduplication and Data Compression. By enabling these 2 options, the backup data will be deduplicated and compressed before saving into backup storage.

Data Deduplication Off 3	Data Storage Policy Data Deduplication: OFF, Data Compression: ON						
Data Compression On 3							

For the retention policy of the database backup, there are 2 retention mode, retain the database backups according to **Number of Restore Points** or **Number of Days**.

For the retention mode **Number of Restore Points**, the restore points will be counted by full restore points, including the differential backups and log backups dependent on this full backup.

For retention mode **Number of Days**, Vinchin Backup Server will save the restore points within the specified number of days.

Retention Policy Restore Point(s), 30						
Retention Mode	Number of Rest 🗸 👔					
Restore Points	Number of Restore Points Number of Days					

When the retention policy is triggered, the outdated restore points will be purged to comply with the retention policy.

In the transmission Strategy, you can choose to enable **Encrypted Transmission** for data safety. The backup data will be transferred through LAN by default.

1	✓ Backup Source	2 v Backup Destination	3 Backup Strategies	4 Review & Confirm
		ansmission Strategy @E Advanced Strategy		
	Encrypted Transmissio	on On 🚯		
	Transfer v	ia LAN ~ () LAN		

Advanced Strategy including Check Database Integrity, SQL Server Compression and Page Checksum.

🖉 General Strategy 🛛 🖨 Transn	nission Strategy	@ Advanced Strategy		
		_		
Check Database Integrity	On	0		
SQL Server Compression	Off	0		
Page Checksum	On	0		

Check database integrity function is checking database integrity and physical errors before the database backup job start.

SQL Server Compression is provided by SQL Server to reduce data transfer, data backup time and saves backup storage.

Page Checksum is used to verify the backup data during the transmission to avoid data damage.

Note

Between General Strategy Compressed Transfer and Advanced Strategy SQL Server Compression prefer only enable Compressed Transfer in general strategy. SQL Server Compression will use more CPU and memories.

Step 4: Review & Confirm

After completing the above mentioned settings, you are able to review and confirm the settings in one screen. A job name can be specified for identification of the database backup job, and by clicking on the Submit button to create the backup job.

Managing Backup Job

Once a database backup job had been created, you will be redirected to the Monitor Center > Jobs page.

🏘 Current Jobs 🦻 History Jobs 🕎 VM Backup 🖹 File Backup 🗟 Database Backup											
							Search by job	name	Search	Q,	Advanced search
	Job Name	Module	Job Type 🔅	Create Time	s	Status 👌	Speed 0	Progress (Creator		Operation
+	Database Backup Job2	Database	Backup	2021-11-05 00:26:26	E	Pending			admin		실 Options ~

The status of the newly created job will usually be **Pending**, when the time condition matches the schedule, it will automatically run. And the status will change to Running, you can also see the transfer speed here within the job list.

Besides the Current Job list, there's a dedicated tab to show database backup jobs. More detailed information of database backup jobs, including database type, database agent info, backup node, next run time and some more detailed information dedicated for database backup will be given.

B (Current Jobs 🛛 🔊 H	istory Jobs	🔒 Database Backi	q							
								Search by j	job name	Search Q A	dvanced search
	Job Name 🚽	Job Type	Database Type 🔅	Agent 🔅	Mount Node	Next Run	Status 🔅	Duration	Speed 🔅	Transferred Size	Operation
÷	Database Backup J ob2	Backup	SQL Server	192.168.123.13	Main123.18(192.1 68.123.18)	2021-11-18 23:0 0:00	Pending				실 Options ~

By clicking on the job name you can check more detailed information on the Job Detail page.

For a scheduled backup job, after running one of the schedules, the status will change to Pending again and then wait for the next run.

For a once-off backup job, after running the job for once, it will be removed from the Current Job list. And you can find it from the History Job list.

Create Restore Job

To restore databases from database backup restore points, please go to **Database Backup** > **Restore** page. There are 4 steps to restore databases from the database backup restore points.

Step 1: Restore Point

In the Restore Point dropdown list, select a backup node which stores the desired restore points.

Select a target database restore point under your database which you want to restore. You can quickly find the target restore point by searching the job name, database name or the date of the restore point. One restore job can only select one restore point.

New Database Restore Job		
1 Restore Point	2 Restore Destination 3	Restore Strategy 4 Review & Confirm
Restore Point *	All nodes ~	Selected restore points
	Search by database name	2021-12-14 23:00:10 (Log Backup)
	E MySQL	demo01
	□ SQL Server □ □ SQL Server Backup()ob has been deleted) □ □ □ SQL Server Backup()ob has been deleted) □ □ □ □ 2021-12-14 16:20:18 (Full Backup) □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	

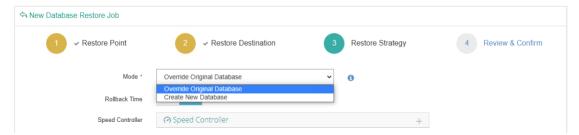
Step 2: Restore Destination

After selecting the desired restore point, please select the target database instance on which you wish to restore. The target instance can be different but the version of your destination should keep consistent with backups.

New Database Restore Job			
1 v Restore Point	2 Restore Destination	3 Restore Strategy	4 Review & Confirm
Target Instance *			
	Notice: To guarantee a successful database restore to the target database host, the database the source database host.	e installation path, login credentials and instance name should be the same as $ \times $	

Step 3: Restore Strategy

There are 2 options for database restore, Override Original Database and Create New Database. If you want to use the Override Original Database restore, please pay attention to this mode, it will directly override the database. It is recommended to use the Create New Database restore to first restore the data to a new path to verify the data then perform override original database restore.



Select Create New Database need to edit database name, database file path, log file path. The path must be correct and have enough free disk space, the path will be automatically created during restore process.

w Database Restore Job				
1 v Restore Point	2 ~ Restore Destination	3	Restore Strategy	4 Review & Confirm
Mode *	Create New Database	~	0	
Database Name:	demo01_20211214230010			
Database File Path:	C:\Program Files\Microsoft SQL Server\MSSQL	13.MSSQL		
Log File Path:	C:\Program Files\Microsoft SQL Server\MSSQL	13.MSSQL		
Rollback Time	ा 🕄			
Speed Controller	O Speed Controller		+	

Rollback Time: only if you had selected a log backup restore point to restore, you are allowed to perform transaction rollback restore. If you disable rollback time it will restore to the latest time point (time point of when the selected backup was taken) by default.

You can select the rollback time in second level within the reference range of log rollback time, so you can rollback the database to the state of any desired time point.

w Database Restore Job										
I ✓ Restore Point	2 ✓ Restore	Des	tinat	ion				3	Restore Strategy	4 Review & Confirm
Mode *				~				~	0	
Database Name:										
Database File Path:	C:\Program Files\Microsoft	SQL	Sen	/er\IV	ISSQ	L13.	MSS	QL		
Log File Path:	C:\Program Files\Microsoft	SQL	Sen	/er\IV	ISSQ	L13.	MSS	QL		
Rollback Time	On 🚯									
Select Rollback Time	2021-12-14 23:00:10					•	m			
	Reference range of log rollback ti 23:00:10	i December 20			iber 2021					
Speed Controller	(?) Speed Controller	Su 28	Mo 29	Тu 30					+	
		5	6	7	8	9	10	11		
		12	13	14	15	16	17	18		
		19	20	21	22	23	24	25		
		26	27				31	1		
		2	3	4	5	6	7	8		

Same as database backup, while restoring databases, you can also configure speed controller to limit the database restore speed accordingly.

Step 4: Review & Confirm

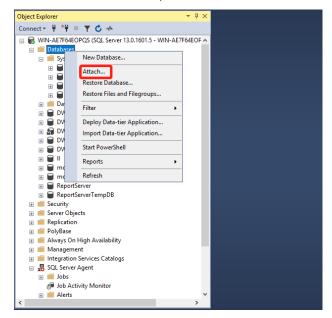
After completing the above mentioned settings, you are able to review and confirm the settings in one screen. Once the job has been created, you'll be redirected to the **Monitor Center** > **Jobs** page.

As the database restore job is by default to be executed right after the creation of the job, so it will run automatically, when you see it in the current job list, it should be in running status already, and once completed, the job will be automatically deleted from the current job list.

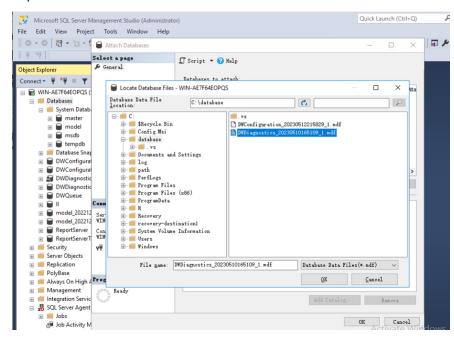
After this you can browse the restored job from History Jobs. Your restored data will be found in the path you configured during creating the restore job.

Attach Restored Backup Data

If you create new database to restore, please login the SQL Server Management Studio (SSMS), right click database folder and select Attach option.



Then locate the database file to import while the log file of restored database will be automatically recognized and imported.



Managing Backup Data

The database backup data can be managed from **Physical Backup > Database Backup > Backup Data** page.

😂 Database Backup Data		
B Restore Points	© Restore Point List	
C Dekte All nodes SQL Server	Notice × 1. Expand the tree menu on the left to browse the database restore points. 2. Each restore point has its timestamp of backup creation. 3. You can delete a single restore point by selecting it and click on Delete. 2.	
1 C C Database Backup Job2	You can batch delete restore points by selecting the restore points and clicking on Delete.	

If you want to delete a restore point or multiple restore points, you can first select target restore point(s) from the left tree view, and click on the **Delete** button. The differential backup and log backup cannot be deleted individually, they will be deleted along with the dependent full backup.

When deleting backup data, you need to provide your login password to confirm the deletion, once deleted the data will be unrecoverable.

Database Backup Data													
∃ Restore Points	© Res	© Restore Point List MSSQLSERVER(172.18.22.11)-model											
Delete							Q Advanced search						
All nodes 🗸 😵 Search	No.	Time Point	🔻 Туре	🕴 Data Size	Written Size	Storage	Operation						
□ □ 〒 SQL Server □ □ □ □ □ □ □ □ □	1	2023-02-17 15:18:08	Differe Backu		54.54KB	Local Disk1 (localhost.localdomain(172.18.1.10))	습 Options ~						
	2	2023-02-17 15:13:49	Log Ba	ckup 1MB	15.45KB	Local Disk1 (localhost.localdomain(172.18.1.10))	👲 Options ~						
C 2023-02-17 15:10:43 (Full Backup) C 2023-02-17 15:12:40 (Differential Backup) C 2023-02-17 15:13:49 (Log Backup) C 2023-02-17 15:13:49 (Log Backup)	3	2023-02-17 15:12:40	Differe Backu		54.58KB	Local Disk1 (localhost.localdomain(172.18.1.10))	🔄 Options ~						
	4	2023-02-17 15:10:43	Full Ba	ckup 3MB	513.06KB	Local Disk1 (localhost.localdomain(172.18.1.10))	♦ Options ~ ♦ Comment						
						Page < 1 > of 1 View 10	V Delete						
	Notic	: Once a restore point has been	starred, it will be re:	erved permanently.			☆ Set Retention						

For the restore point list in the right column, you need to select a database in the left tree menu to view all restore points of the selected database. Information like backup type, data size, written backup size and storage will be given.

You can add comments to the full backups, differential backups and the log backups, and set retention tags for the full restore point to keep the full backup and its dependent incremental and log backups to not be deleted by retention policy.

A full restore point can be also deleted from the Restore Point List by clicking on Options and then select Delete, the dependent differential and log backups will be deleted along with the full restore point.