

How to Configure SNMPc for ODBC Export to Microsoft Access

Data relating to Maps, Trend Reports or Events can be exported from SNMPc to a third party database. Please note that ODBC export is only supported on the Enterprise version of SNMPc.

The following example describes the process for exporting data to Microsoft Access. Other supported databases include Microsoft SQL Server and MySQL.

Select the menu Config/ODBC Export...

ODBC Export Setup	X
ODBC DSN:	
	>>
Driver Type: Microsoft Access	
Export	
🔽 Export Reports 🛛 🔽 Export Selected Events	
🔽 Export Map Map Types	
OK Cancel Help]

In the *ODBC Export Setup* screen check that the *Driver Type* is set to Microsoft Access. 'The following data export types are offered.

Export Reports - All data collected by the Trend Reporter. Data is exported every 20 minutes

Export Map - Map data (node name, IP address, links etc) The type of map information to be exported can be configured using the Map Types button. Data is exported immediately.

Export Selected Events - You can export selected events by creating an Event Filter with the 'Export to ODBC' option enabled. A simple example of this is provided at the end of this How-To guide. Data is exported immediately.

To create the database select the >> button.

Se	ect Data Source		? 🗙
F	ïle Data Source Machine Data S	ource	
	Data Source Name	Туре	Description
	dBASE Files	User	
	LocalServer	System	
	MS Access Database	User	
			New
	A Machine Data Source is spec sources are specific to a user o all users on this machine, or by	cific to this m n this mach a system-w	nachine, and cannot be shared. "User" data ine. "System" data sources can be used by ide service.
_			OK Cancel Help

On the Select Data Source window choose the Machine Data Source Tab. Select New

1) Change the Data Source to be System Data Source. Click *Next*.

Create New Data Source		X
	Select a type of data source: User Data Source (Applies to this machine only) System Data Source (Applies to this machine only) Selecting System Data Source creates a data source which is specific to this machine, and usable by any user who logs onto this machine.	
	<back next=""> Cancel</back>	

2) Highlight the Microsoft Access Driver. Select *Next*. Then on the confirmation screen select *Finish*.

	News	A famaia 🗖
	Driver de Mierzeet dDeee Widte	
	Driver do Microsoft abase (".dol)	4.00.60
	Driver do Microsoft Paradox (* db.)	4.00.60
	Driver para o Microsoft Visual FoxPro	1 00 02
E Carton	Microsoft Access Driver (* mdb)	4 00 60
E Var	Microsoft Access-Treiber (* mdb)	4 00 60
	Microsoft dBase Driver (* dbf)	4 00 60
	Microsoft dBase VFP Driver (*.dbf)	1.00.02
	Microsoft dBase-Treiber (*.dbf)	4.00.60
	Microsoft Excel Driver (* xis)	4 00 60 🞽
		>

3) You should then see the ODBC Micorsoft Access Setup window. Type in a *Data Source Name* and *Description* of your choosing. Click the *Create* button.

ODBC Microsoft Ad	ccess Setup	?×
Data Source Name:	snmpc	ОК
Description: Database	ODBC export for Trend Reports, Map Nodes, Alerts	Cancel
Database:		Help
Select	Create Repair Compact	Advanced
- System Database		
None		
🔿 Database:		
	System Database	Options>>

4) If you have an existing database created you can select this. Otherwise type a new *Database Name* and then click OK. You should receive a confirmation window informing you that the database was created successfully.



New Database Database Name snmpc	Directories: c:\\snmpc network manager C:\ PROGRAM FILES SNMPC NETWORK MANAGE ampro apiexec ATR backup BITMAPS discover hubview java minifiles	OK Cancel Help Format © Version 4.x © Version 3.x © Version 2.x
	☐ hubview java ☐ mibfiles ☐ res ☐ SDK ☐ temp ☐ TrendReports	Options System Database
Locale	Drives:	
General	C: HPNOTEBOOK	Network

5) Select OK on the *ODBC Microsoft Access Setup* window and you will return to the *Select Data Source* Window. Highlight the database name you just created and select *OK*.

Select Data Source		? 🗙
File Data Source Machine Data S	ource	1
Data Source Name dBASE Files Excel Files LocalServer MS Access Database snmpc	Type User User System User System	Description ODBC export for Trend Reports, Map No
A Machine Data Source is spec sources are specific to a user o all users on this machine, or by a	ific to this m n this mach a system-w	New nachine, and cannot be shared. "User" data ine. "System" data sources can be used by ide service.
		OK Cancel Help

6) The ODBC link has now been created. Select OK to finish the process

ODBC DSN: DSN=snmpc;DBQ=C:\PROGRAM FILES\SNMPC NETWORK	
DSN=snmpc;DBQ=C:\PROGRAM FILES\SNMPC NETWORK	
	>>
Driver Type: Microsoft Access	
Export	_
🔽 Export Reports 🛛 🔽 Export Selected Events	
🔽 Export Map Map Types	
OK Cancel Hein	

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Additional Notes for Exporting Events.

In addition to creating the ODBC link to the database you also have to configure the individual events to be exported. The following example details exporting device failure alerts.

 The default behaviour when a device fails (icon turns red, device down message in log) is controlled by the pollDeviceDown Event Filter. To edit this filter to export information through ODBC first select the *Event* selection window. Expand the group 'SNMPc-Status Polling' and 'pollDeviceDown'. Right-Click on the 'Default' option and select 'Properties'





2) When the Event Filter Properties window appears select the Actions Tab

Event Filter Pro	operties 🔀
General Match	Actions
Set Priority:	Critical-Red
Page Group:	<none></none>
Email Group:	<none> Export to ODBC</none>
Run Program:	~ >>
Forward To:	All
Clear Events:	pollNoResponse - Default (Auto) Yes pollRequestRejected - Default (Auto) No pollServiceDown - Default (Auto) No pollServiceNoResponse - Default (Auto) Yes pollServiceNoResponding - Default (Auto) Yes pollStatusTestFail - Default (Auto) Yes pollStatusTestFail - New Event Filter (Auto) Yes pollStatusTestPass - Default (Auto) Yes
	OK Cancel Help



- 3) Ensure the *Export to ODBC* is ticked
- 4) Select OK to confirm the changes