

Move MonitorIT Database from Access to SQL

Follow these steps to export your Access MonitorIT database to a SQL 2000, 2003 or 2005 MonitorIT database:

- 1) Stop the MonitorIT Server service on your current MonitorIT Server machine with the Access database.
- 2) Copy the empty MonitorIT SQL database file called 'MonitorIT.mdf' and from the "...\\MonitorIT\\Database" folder on the MonitorIT Server to the SQL data folder (for example, "\\Program Files\\Microsoft SQL Server\\MSSQL\\Data") where the other SQL database files are kept.
- 3) If the SQL Server service (MSSQLSERVER) is running under a user account that does not have security rights for the 'MonitorIT.mdf' then right-click on it, select 'Properties' then the 'Security' tab and then make sure the user account that SQL Server service is running under has rights to these files. Otherwise when you 'Attach Database', the database will attach as 'Read Only'.

Following Steps for SQL 2000 & 2003:

- 4) Run "Enterprise Manager" on the SQL Server machine, and right-click on the 'Databases' folder name and select "All Tasks->Attach Database..."
- 5) In the dialogue box, click the "..." browse button and find the empty 'MonitorIT.mdf' file that you just copied, and select it.
- 6) In the 'Current File(s) Location', there should be Green checkmark for the MDF file, and a Red checkmark for the LDF file.
- 7) In the 'Attach as' field, leave it as MonitorIT7028 or change it to another unique name for the MonitorIT database.
- 8) Click OK. There will be a prompt box indicating the log file name does not exist or is incorrect and should a new log file be created. Click OK to this prompt and let SQL create the associated LDF file. The database should then be attached and show in the 'Databases' tree.
- 9) Right click on the new database name in the tree, and select 'All Tasks->Import Data'. This opens the 'DTS Import/Export Wizard'; click 'Next'.
- 10) Data Source is the 'Microsoft OLE DB Provider for SQL Server'; select the original MonitorIT Database from the 'Database' drop-down; click 'Next'.
- 11) Destination is also 'Microsoft OLE DB Provider for SQL Server'; select the new, empty MonitorIT Database that you just attached from the 'Database' drop-down; click 'Next'.
- 12) Select 'Copy table(s) and view(s) from the source database; click 'Next'.
- 13) In the 'Select Source Tables and Views', click 'Select all' to select all the tables from the original MonitorIT database.
- 14) Widen the 'Source' column so you can see all the table names, then UNSELECT the following tables so that the data from these tables is NOT imported. These are the tables with monitored data that would normally be auto-purged (if you want to import this

monitored data as well, keep these checked):

- Alert,
- CustomCheckLogData,
- EventLogData,
- FileCheckLogData,
- Notificatlions,
- NTServicesLog,
- ProcessCheckLogData,
- ServicesLog,
- Session,
- SNMPTrapLog,
- SNMPTrapVbLog,
- SyslogCheckLog,
- Value.

- 15) Click 'Next'; make sure just 'Run Immediately' is checked, then click 'Next', then 'Finish'. It could take 5-10 minutes to copy the selected tables of your configuration data (longer if you are also keeping the monitored data). When done, it should display a message box that states 'Tables Successfully Copied'. Click 'Done'.

Following Steps for SQL 2005:

- 16) Run the "SQL Server management Studio" and right-click on the 'Databases' folder name and select "All Tasks->Attach ..."
- 17) In the dialogue box, click "Add" and browse and find the empty 'MonitorIT.mdf' file that you just copied, and select it.
- 18) Select and highlight the LDF file which shows as 'Not Found' and click 'Remove'; this will cause SQL to create the LDF file.
- 19) In the 'Attach as' field, leave it as MonitorIT7028 or change it to another unique name for the MonitorIT database.
- 20) Click OK. The database should then be attached and show in the 'Databases' tree.
- 21) Right click on the new database name in the tree, and select 'Tasks->Import Data'. This opens the 'SQL Server Import and Export Wizard'; click 'Next'.
- 22) Data Source is 'Microsoft Access'; Browse and select the original MonitorIT Database for the 'File name' parameter; this will be the file "...\\MonitorIT\\Database\\Rpm.mdb"; click 'Next'.
- 23) Destination is 'Microsoft OLE DB Provider for SQL Server'; select the new, empty MonitorIT Database that you just attached from the 'Database' drop-down list box; click 'Next'.
- 24) Select 'Copy data from one or more tables or views' from the source database; click 'Next'.
- 25) In the 'Select Source Tables and Views', click 'Select all' to select all the tables from the original MonitorIT database. Then UNSELECT the following tables so that the data from these tables is NOT imported. These are the tables with monitored data that would normally be auto-purged (if you want to import this monitored data as well, keep these

checked):

- Alert,
- CustomCheckLogData,
- EventLogData,
- FileCheckLogData,
- Notificatlions,
- NTServicesLog,
- ProcessCheckLogData,
- ServicesLog,
- Session,
- SNMPTrapLog,
- SNMPTrapVbLog,
- SyslogCheckLog,
- Value.

- 26) For each checked table that you are importing, you need to click the 'Edit' button under 'Mapping' and set the 'Enable identity insert' checkbox. When you are done, go back and carefully check & double-check, and make sure this 'Enable identity insert' checkbox is set for each table being imported; otherwise there will be a validation error and the import won't proceed. Unfortunately, we can find no way to make one setting and have this apply to all the tables. You have to do it for each one.
- 27) Click 'Next' make sure just 'Execute Immediately' is checked, then click 'Next', then 'Finish'. It could take 5-10 minutes to copy the selected tables of your configuration data (longer if you are also keeping the monitored data). When done, it should display a message box that states 'Tables Successfully Copied'. Click 'Done'.
- 28) If you encounter errors, note the tables that were successfully transferred (0 or more rows copied), then click the 'Back' button and go back and then uncheck those tables you noted that were copied. Verify the 'Enable identity insert' checkbox is set for any tables that were flagged. Repeat steps 26) through 28) as necessary. An error that indicates "...can not copy...read-only..." is likely due to the 'Enable identity insert' checkbox not set; an error that indicates "...can not copy...duplicate key..." is likely due to the data was already copied on the previous try and you can skip this table.

Following Steps for all SQL versions:

- 29) Now Change the DSN to Point to this New Database So MonitorIT Can Use It; Use the ODBC Data Sources utility in the Administrative Tools, and go to the 'System DSN' tab.
- 30) If you already have a DSN named 'BreakoutRPM' for your Access database, select it, and the click 'Configure'; rename it to 'BreakoutRPM_MDB' and click OK to save it.
- 31) Next click 'Add' and select 'SQL Server'; define the 'Name as 'BreakoutRPM', 'Description' as 'Primary MonitorIT Database', and 'Server' as either '(local)' or the appropriate server name.
- 32) Click 'Next' two times and go to the 3rd Wizard screen , and select the new MonitorIT database from the drop-down called 'Change the default database to:'

- 33) Then click 'Next' to the end, and the 'Test Data Source' Connection. Click OK and Save.
- 34) If the new MonitorIT SQL database is now on a remote SQL Server relative to the MonitorIT Server, then you have to change the 'Logon' Property for the 'MonitorIT Server service' to credentials that have rights to the remote machine. The default 'Logon' is 'Local System' which does not have rights. Run the Windows Services utility and change the 'Logon' for the 'MonitorIT Server service'.
- 35) Restart the MonitorIT Server service to begin using the new database. All your configuration data (Servers/Devices, Watches, Security, Groups, etc) should be present.