

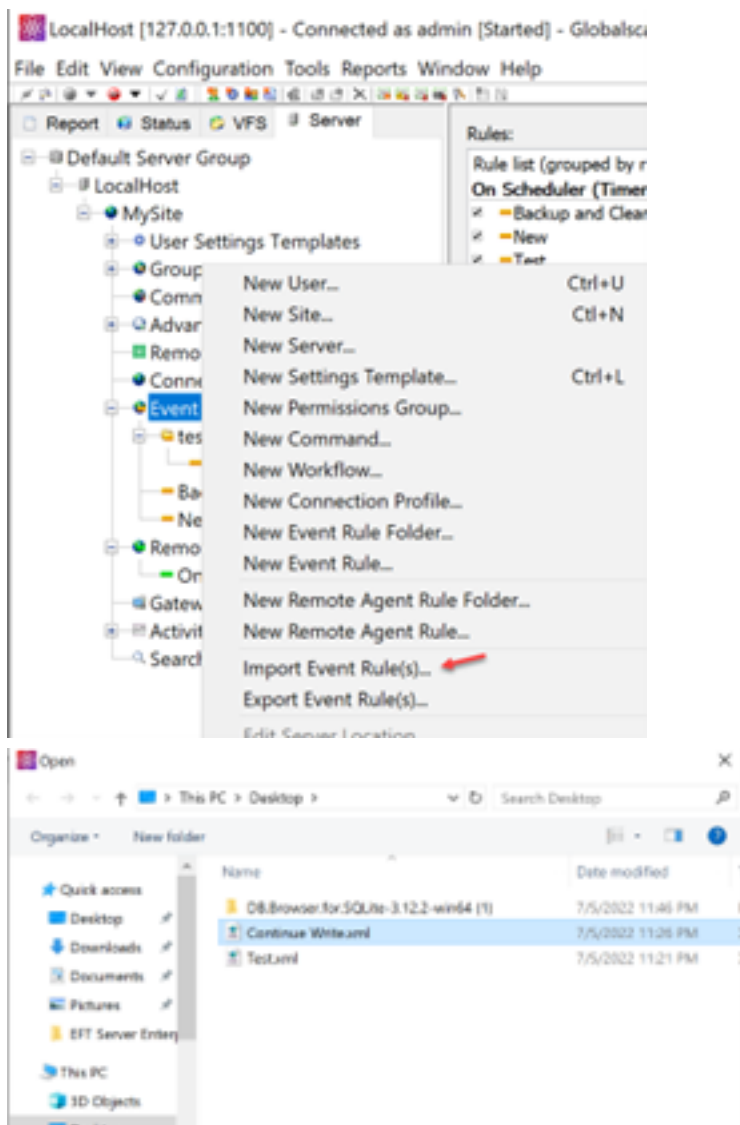
Event Rules are converted into Remote Event Rules after EFT restarts

THE INFORMATION IN THIS ARTICLE APPLIES TO:

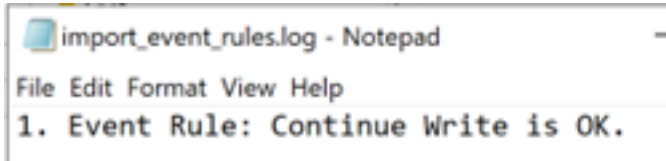
- EFT 7.4.7.1, EFT, v7.4.9, and EFT 7.4.11.34

SYMPTOM

Between EFT 7.4.7.18 and 7.4.11.34, a bug was introduced in which manually imported event rules using the Import Event Rule option will be imported correctly in memory and displayed in the EFT Admin UI. However, the event rule is saved incorrectly in the configuration. The issue will be apparent and shown as soon as the EFT Service restarts, as the event rule will now be treated as a remote event rule. This issue will cause rules to be inoperable and not triggered nor trigger as remote event rules as there is no remote agent associated with them. This issue doesn't affect any event rules created manually from scratch. The bug was fixed in EFT 7.4.13.15 and higher. However, upgrading to a newer version will not fix the event rules already imported and saved incorrectly in the configuration. They will show up as remote event rules even after the upgrade.

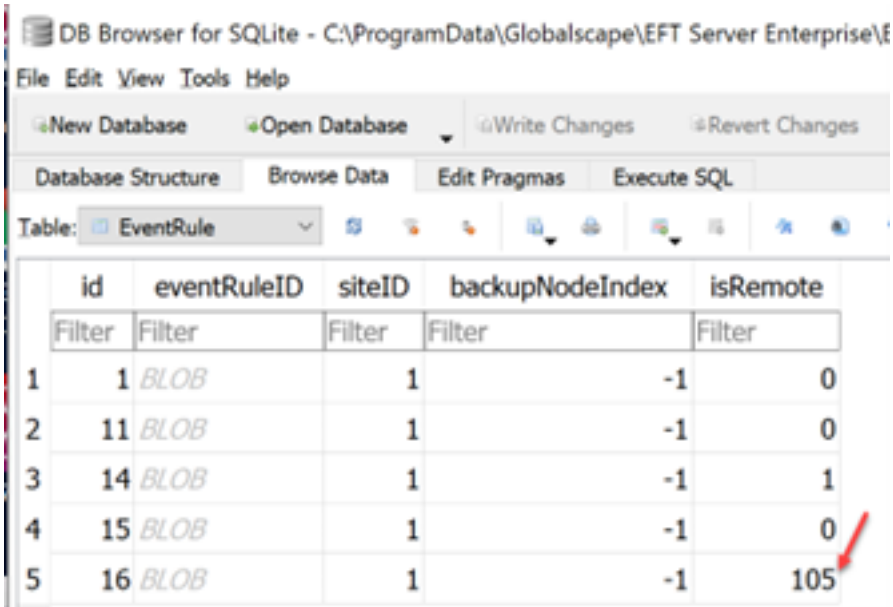


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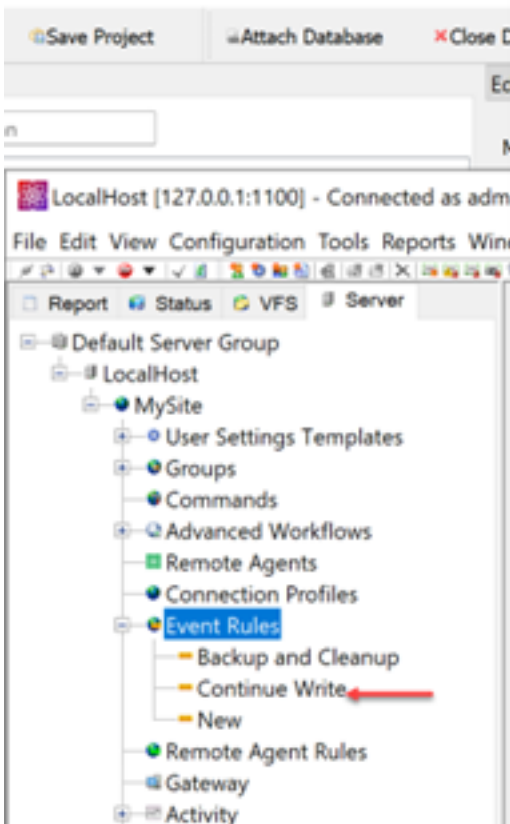


```
import_event_rules.log - Notepad
File Edit Format View Help
1. Event Rule: Continue Write is OK.
```

This behavior can be verified by querying the **EventRules.db** using SQLite browser. The column **IsRemote** should be 0 for normal event rules and 1 for remote event rules, however, they are saved with a different random number.



id	eventRuleID	siteID	backupNodeIndex	isRemote
1	1 BLOB	1	-1	0
2	11 BLOB	1	-1	0
3	14 BLOB	1	-1	1
4	15 BLOB	1	-1	0
5	16 BLOB	1	-1	105



Save Project Attach Database Close D

LocalHost [127.0.0.1:1100] - Connected as adm

File Edit View Configuration Tools Reports Win

Report Status VFS Server

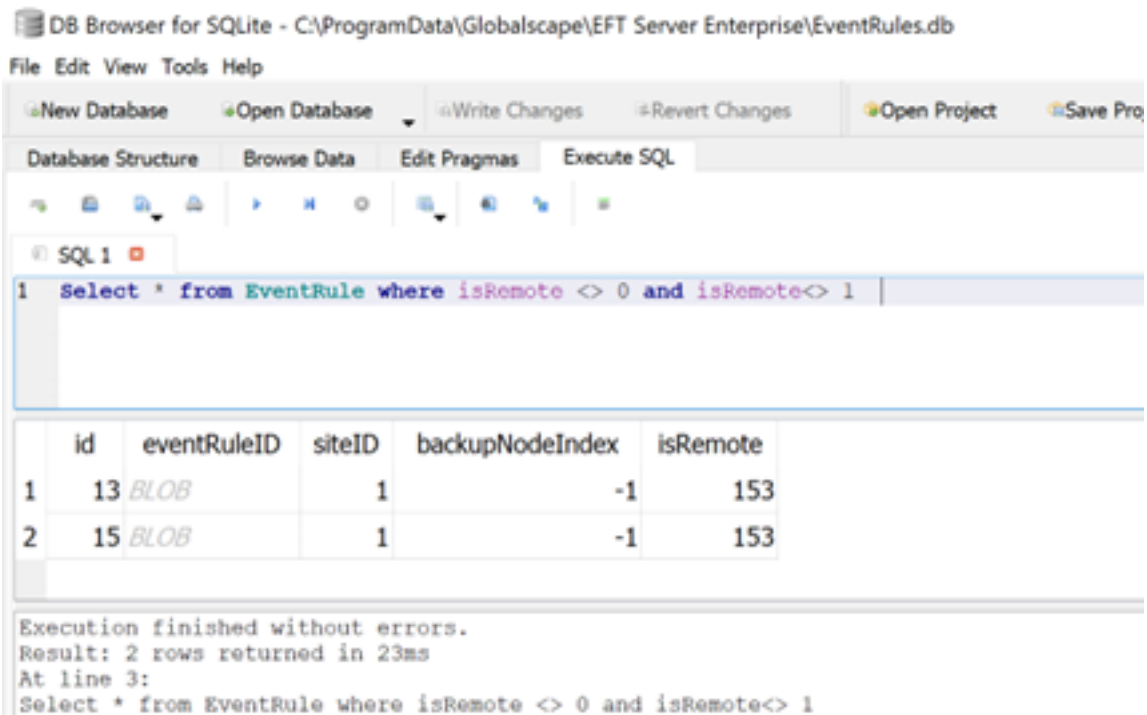
- Default Server Group
 - LocalHost
 - MySite
 - User Settings Templates
 - Groups
 - Commands
 - Advanced Workflows
 - Remote Agents
 - Connection Profiles
 - Event Rules
 - Backup and Cleanup
 - Continue Write
 - New
 - Remote Agent Rules
 - Gateway
 - Activity

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WORKAROUND

A simple workaround is to update the **IsRemote** column back to 0 for normal event rules that its value is different than 0 and 1 (random value). The following SQL Query can show the event rules affected after the restart.

```
Select * from EventRule where isRemote <> 0 and isRemote<> 1
```



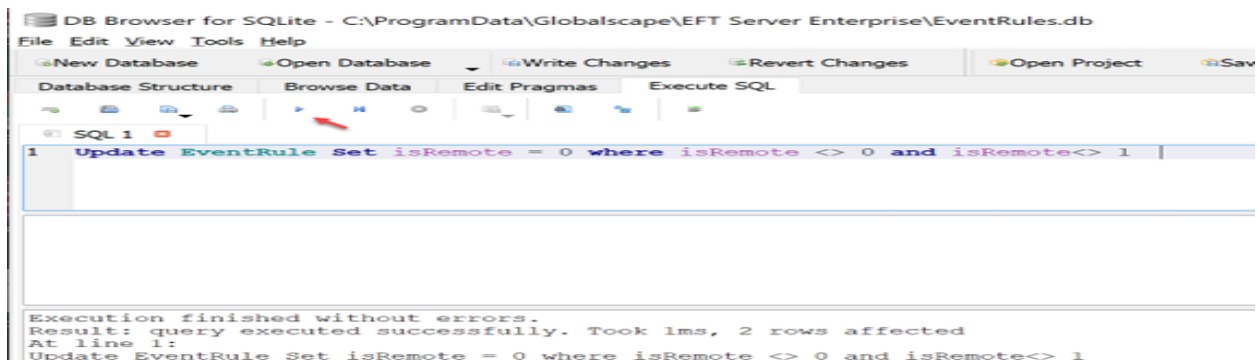
The screenshot shows the DB Browser for SQLite interface. The title bar indicates the database path: C:\ProgramData\Globalscape\EFT Server Enterprise\EventRules.db. The menu bar includes File, Edit, View, Tools, and Help. The toolbar contains buttons for New Database, Open Database, Write Changes, Revert Changes, Open Project, and Save Project. The main window has tabs for Database Structure, Browse Data, Edit Pragmas, and Execute SQL. The SQL editor shows the query: `1 Select * from EventRule where isRemote <> 0 and isRemote<> 1`. Below the editor, a table displays the results of the query:

	id	eventRuleID	siteID	backupNodeIndex	isRemote
1	13	BLOB	1	-1	153
2	15	BLOB	1	-1	153

Below the table, the execution status is shown: "Execution finished without errors. Result: 2 rows returned in 23ms. At line 3: Select * from EventRule where isRemote <> 0 and isRemote<> 1".

You can update manually one by one using SQLite Browser UI or use the following SQL query to update all of them:

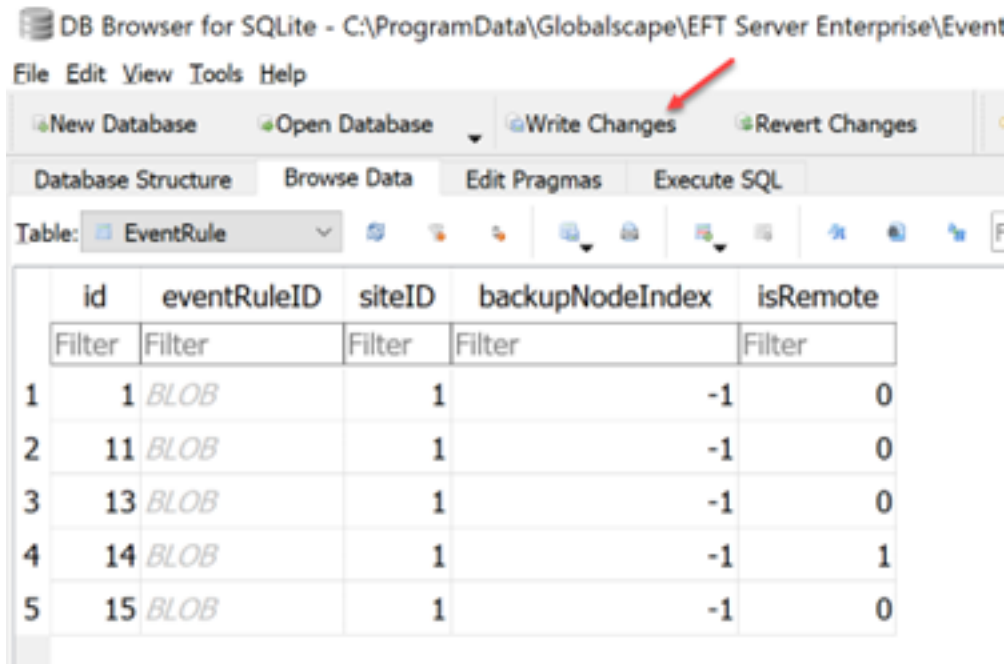
```
Update EventRule Set isRemote = 0 where isRemote <> 0 and isRemote<> 1
```



The screenshot shows the DB Browser for SQLite interface. The title bar indicates the database path: C:\ProgramData\Globalscape\EFT Server Enterprise\EventRules.db. The menu bar includes File, Edit, View, Tools, and Help. The toolbar contains buttons for New Database, Open Database, Write Changes, Revert Changes, Open Project, and Save Project. The main window has tabs for Database Structure, Browse Data, Edit Pragmas, and Execute SQL. The SQL editor shows the query: `1 Update EventRule Set isRemote = 0 where isRemote <> 0 and isRemote<> 1`. Below the editor, the execution status is shown: "Execution finished without errors. Result: query executed successfully. Took 1ms, 2 rows affected. At line 1: Update EventRule Set isRemote = 0 where isRemote <> 0 and isRemote<> 1".

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Once the changes are done, make sure you commit your changes to the DB by clicking "Write Changes". Restart EFT and you should be able to see that the event rules won't be converted anymore.



GlobalSCAPE Knowledge Base

<https://kb.globalscape.com/Knowledgebase/11567/Event-Rules-are-converted-in...>