MCSJ Code Updates

Applies to all Versions: 2020 and higher

For Versions older than 2020.x click here to request a Version Upgrade.

In order to install a code update you must have access to the server where MCSJ is installed. If you do not have access to the server, please forward these instructions to your internal IT Helpdesk or your outsourced IT Provider.

- All users must log out of MCSJ before an update can be installed.
- Log on to server desktop and open MCSJ Console.



- MCSJ Console will open.
- Click the red box(es) to stop the database(s). (Or click "Stop All Related.")

MCSJ Services Conso	le							– o ×
F Tools								
Service	State	Health	City	Version	Code Date	DB Type	DB Server	Install Path
MCSDB	RUNNING	UNREACHABLE	Anytown USA	2020.3	2020-07-12 17:34:24.836	PSQL	localhost	C/\Edmunds\MCSJ-2020-3
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-		Contract I D						
RMI Status • Add 5	Herrice Herricite Se	enice MCSDB	start All Stop All Kelated	Force Ketres	b Update Code			
2821-82-22 16:14:88	- INFO - Starter	PEST Server ME	CB	number con	dear.			
2021-02-22 16:29:34	- INFO - Stopper	service MCSDB	cause there are no more	running serv				
2021-02-22 16:29:39 2021-02-22 16:41:04	- INFO - Success - INFO - Started	sfully stopped Ri # MCSJ Server MC	II Service 00					

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- State will now display as "Stopped."
- Select "Update Code."

DB STOPPED BREACHABLE Anytown USA 2020.3 2020-07-12 17.3424835 PSQL loceshost CAEdmunds/MCSI-2020-3	Service		State	Health	City	Version	Code Date	DB Type	D8 Server	Install Path
Status: Add Service Remove Service MCSDB Start All Stop All Related Force Refrest Update Code	De	► S	TOPPED	UREACHABLE	Anytown USA	2020.3	2020-07-12 17:34:24.836	PSQL	localhost	ChEdmunds\MCSJ-2020-3
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	Status:	Add Service	Remove Ser	VICE MILSUB	start All Stop All Related	Force Kefres	Dpdate Code			
	1-02-22 16:2	9:39 - INFC	- Successf	ully stopped R						
1-02-12 16:19:39 - INFO - Successfully stopped MMI Service										

• After code is downloaded, select "OK" to apply code update.



• MCSJ Console will close, install update and restart.



• After a few minutes, the state of the database(s) will change to "Running" and health will change to "Reachable." Carefully review the Code Date column to verify that the update was installed successfully.



• If the code date did not change, proceed to next page for additional instructions.

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Dealing with code update errors

Whenever a code update fails, it is because a file has been left open. Please take a moment to check the following areas.

- 1. Hover the mouse over the MCSJ Console on the task bar.
 - If more than one instance of the console is open, close the additional instances.



2. Open Task Manager (Right click on task bar and select Task Manager.



- Select Users tab.
- Right click on additional users, if present and select "Disconnect."

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Processes	Performance	App history	Startup Users	Details S	Servic	es			
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- 3. Close Open shared files.
 - Open Administrative Tools, Computer Management.



 In the left-hand navigation pane, click the > arrow next to Shared Folders to expand the Shared Folders.

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Computer Management (Local Computer Management (Local System Tools Task Scheduler Fvent Viewer Shared Folders Cocar Osers and Groups	Name Shares Sessions Open Files

In the left hand navigation pane, select "Open Files."



- In the right-hand pane, select all files in the MCSJ directory.
 - **TIP:** Select first file, scroll to last file., Hold down the shift key and select the last file to select all files.
- Right click on the selected files and select "Close Open Files."
- Select "Yes" to confirm.
- 4. Return to MCSJ Console.
 - Stop database(s) by selecting the red triangle(s).
 - Select "Update Code" from MCSJ Console.
 - If Code update fails repeat Step 3.
 - From Computer Management (Step 3), refresh the Open Files View and disconnect any newly opened files.
 - **TIP**: It is not uncommon for end users to attempt to open MCSJ in the middle of a code update.
 - Select "Update Code" from MCSJ Console.

Note: If end users continue to attempt log in during the code update, you may need to repeat Steps 3 & 4 several times.