

R2017a Update 3 Release Notes

Information about bugs fixed and limitations for the update

R2017a Update 3 contains bug fixes to R2017a, including all the fixes from previous updates.

Important Limitations

1. Installation
 - If you add products after installing the Update, you must run the Update installer again to ensure all products are at the same update level.
2. MATLAB Distributed Computing Server, MATLAB Distributed Computing Server for Amazon EC2, and MATLAB Distributed Computing Server - Private Cloud
 - Install the update on both client and worker installations.
3. MATLAB Compiler and MATLAB Compiler SDK
 - After installing the Update, test your deployed applications using the version of the MATLAB Runtime installed on the system of the end-user or MATLAB Production Server.

Bugs Fixed in Update 3

Bug Report	Summary
1844615	Security Issue: October 2018 security updates for R2013b – R2018a MATLAB, Polyspace, and MATLAB Compiler and Runtime
1843737	Security Issue: Running Polyspace or MATLAB with Polyspace installed for R2013b – R2018a may allow remote code execution
1843291	Security Issue: Web administration dashboard for MATLAB Production Server for R2017a – R2018a may allow session impersonation or authentication bypass
1830808	Security Issue: MATLAB Mobile Connector may allow remote file upload and code execution for R2016a – R2017a
1830810	Security Issue: MATLAB apps (.mlapp) authored with App Designer and run with MATLAB Runtime for R2016a – R2017a may allow remote file upload and code execution

Bugs Fixed in Update 2 (also included in Update 3)

Bug Report	Summary
1545180	Test Manager report error for test cases using a logical parameter override
1582609	Model Advisor Configuration Editor displays all Model Advisor checks
1637482	Incorrect Code Generation: Incorrect generated code is possible for AUTOSAR target when an S-function sets ssSetOutputPortOutputExprInRTW to TRUE
1752037	Code generated for inpolygon may return wrong answers for nonvector inputs
1755403	Incorrect Code Generation: Incorrect code is possible for scalar Data Store Memory block value that is read inside reusable subsystem
1771005	Unused local variables in model initialization function
1796801	Incorrect results are possible for cascading Unit Delay blocks inside Switch Case Action Subsystem block

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Unexpected license error can occur if local workers in a Parallel Computing Toolbox pool are idle for longer than FlexLM license timeout period

Bugs Fixed in Update 1 (also included in Update 3)

Bug Report	Summary
1117642	Switch Case block displays [???] for enum data type in model library
1496580	Model Advisor check "Identify questionable operations for strict single-precision design" should examine only selected subsystems
1526526	Stateflow reports unreachable state when a state is reachable
1533130	Unclear error message for a transition optimized out of generated code
1535433	After renaming a model, the Model Advisor may error out with message "Error using fprintf Invalid file identifier"
1535461	Incorrect new folder toolbar icon status in Model Advisor Configuration Editor
1535466	MATLAB might crash when closing the Model Advisor Configuration Editor
1540835	Context menu for Simulink Function block might throw error
1545309	In a test harness created for a model, signal lines connected to the outputs of the Model block in the test harness do not have 'ShowPropagatedSignal' turned on
1562896	MATLAB crashes when you import a file into Test Manager
1568623	Creating a test harness for a model containing a commented Simulink Function block fails with the error "Could not compute compiled signal attributes for output port 1 of the component under test."
1579210	Incorrect Code Generation: Subsystem with State Reader or State Writer block generates wrong reusable function code
1581672	MATLAB might crash when saving a model containing Simulink Functions
1604065	In generated code, order of assignments to Stateflow outputs might change without any model changes
1611930	Simulation Data Inspector comparison time sync does not account for local EPS diff in time

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