

R2019a Updates Release Notes

Information about bugs fixed and important limitations for R2019a Updates

Bugs Fixed

Each R2019a Update contains bug fixes to R2019a, including all the fixes from previous updates.

- **R2019a Update 9:** [Bugs fixed](#) in this update September 18, 2020

- **R2019a Update 8:** [Bugs fixed](#) in this update March 26, 2020
Update 8 also:
 - Improves stability in GPU Coder, MATLAB Coder, and Simulink simulation in accelerator mode.
 - Improves performance of Live Editor, including loops as fast as Editor or command line loops.
 - Fixes a cosmetic issue in Powertrain Blockset.

- **R2019a Update 7:** [Bugs fixed](#) in this update February 13, 2020
Update 7 also:
 - Improves compatibility with macOS.
 - Improves performance in Stateflow.

- **R2019a Update 6:** [Bugs fixed](#) in this update October 10, 2019
Update 6 also:
 - Removes a nonfunctional context menu item from Simulink Test.
 - Fixes a temporary hang that can occur when editing complex function calls in App Designer or the Live Editor.
 - Includes performance improvements in the Simulink Editor and stability improvements for MATLAB Coder.

- **R2019a Update 5:** [Bugs fixed](#) in this update August 16, 2019
Update 5 also:
 - Fully supports using Microsoft Visual Studio 2019 as a compiler.
 - Better handles automatic mapping of `ArTypedPerInstanceMemory` and `StaticMemory` in the AUTOSAR Blockset function `autosar.api.syncModel`.
 - Suggests corrective action when AUTOSAR Blockset signal source ports are optimized away.
 - Includes analysis stability improvements for instances of rational approximation for Simulink Design Verifier.
 - Includes performance and stability improvements for Simulink, MATLAB Coder, Simulink Requirements, and System Composer.

- **R2019a Update 4:** [Bugs fixed](#) in this update July 15, 2019
Update 4 also:
 - Includes performance improvements for data logging in Simulink model simulations on parallel workers.
 - Includes performance and stability improvements for Fixed-Point Designer, Simulink, and MATLAB Coder.
- **R2019a Update 3:** [Bugs fixed](#) in this update June 14, 2019
Update 3 also:
 - Supports using Microsoft Visual Studio 2019 for MEX-file and S-Function compilation.
 - Includes performance improvements for MATLAB when extracting the contents of zip files.
 - Fixes a cosmetic issue in the WLAN Toolbox examples “802.11ax Downlink OFDMA and Multi-User MIMO Throughput Simulation” and “802.11ax Parameterization for Waveform Generation and Simulation”.
 - Includes performance improvements for uploading results to Polyspace Access database.
 - Includes stability improvements for Simulink and Simulink PLC Coder.
- **R2019a Update 2:** [Bugs fixed](#) in this update May 17, 2019
Update 2 also includes stability improvements for MATLAB Coder and performance improvements for Instrument Control Toolbox.
- **R2019a Update 1:** [Bugs fixed](#) in this update April 23, 2019
Update 1 also includes performance and stability improvements for MATLAB, Simulink, and SoC Blockset, and updates to the MATLAB examples “Create an Interactive Form Using the Live Editor” and “Create a Real-time Dashboard Using the Live Editor”.

To learn more about Updates, see [Updates: Frequently Asked Questions](#).

Important Limitations

- MATLAB Parallel Server, MATLAB Parallel Server for Amazon EC2, and MATLAB Parallel Server - Private Cloud: Install the Update on all client and worker installations.
- 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.