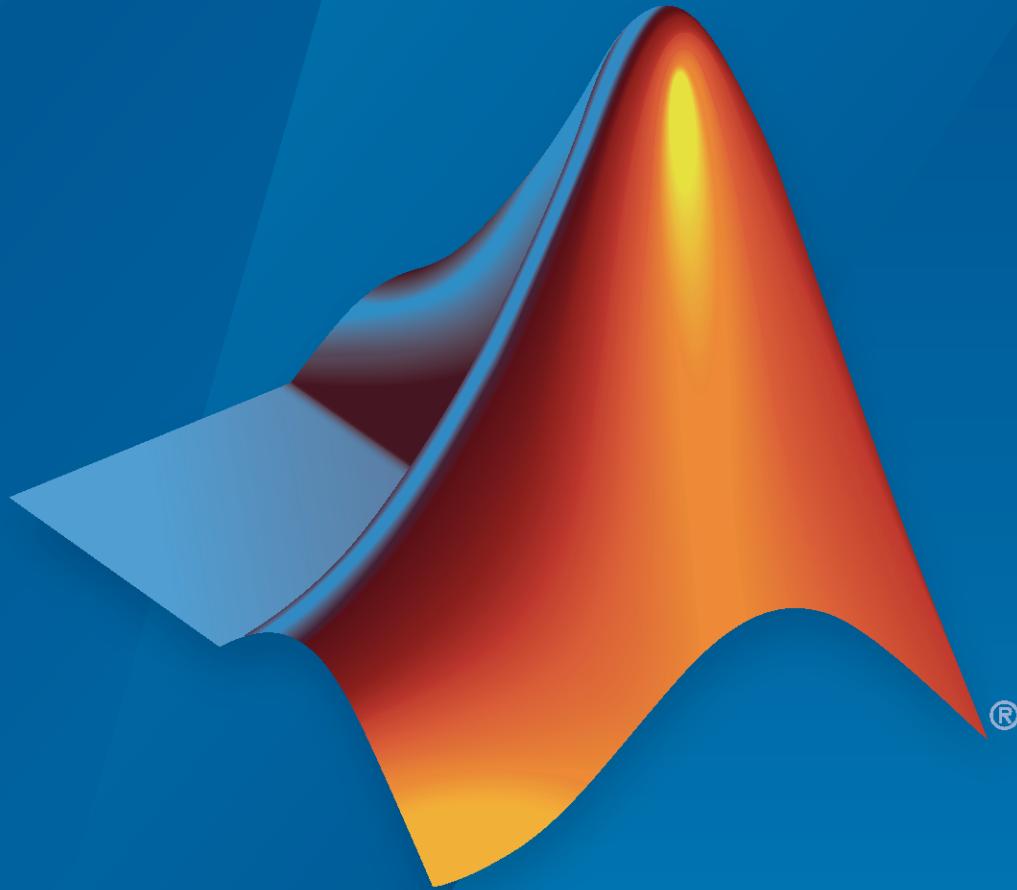


MATLAB® Web App Server™ Release Notes



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MATLAB® Web App Server™ Release Notes

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R2020a

Version: 1.0

New Features

Authentication: Control server access using LDAP and OIDC authentication

You can validate user credentials and control which users can access the server by using authentication. MATLAB® Web App Server™ supports authentication using Lightweight Directory Access Protocol (LDAP) and OpenID Connect (OIDC). To use authentication with the server, you create a JSON file using a prescribed schema and place it in a designated folder. For more information, see “Authentication”.

Role-Based Access: Assign roles to users accessing the server

You can decide which users can author apps and upload them to the server and which ones can run them by using role-based access. MATLAB Web App Server supports two roles for role-based access: Author and User. An author can add, delete, and run web apps from MATLAB Web App Server, and a user can only run web apps from the MATLAB Web App Server home page. To use role-based access, you create a JSON file using a prescribed schema and place it in a designated folder. For more information, see “Role-Based Access”.

Command-Line Scripts: Manage the server using command-line scripts

You can set up, configure, and manage MATLAB Web App Server using the command-line interface. For more information, see “Server Management”.

The development version of MATLAB Web App Server in MATLAB Compiler™ has a graphical server application to manage the server. However, the MATLAB Web App Server product comes with a command-line interface that is convenient for system administrators to set up and manage the server. For information on upgrading from the development version, see “Upgrading to MATLAB Web App Server Product”.

Web Apps: Support for web apps developed in any MATLAB release starting with R2019b

Run web apps developed in any MATLAB release starting with R2019b. To run web apps, the server requires MATLAB Runtime. Releases of MATLAB Runtime starting from R2019b up until the most recent release are supported.

Simulink Simulations: Run web apps containing Simulink simulations using Simulink Compiler

You can run web apps containing Simulink® simulations by using Simulink Compiler. Using the APIs in Simulink Compiler, you can execute a Simulink simulation within a MATLAB app. Package an app as a web app using MATLAB Compiler and deploy the app to MATLAB Web App Server. For an example, see “Simulink Simulation Web App”.