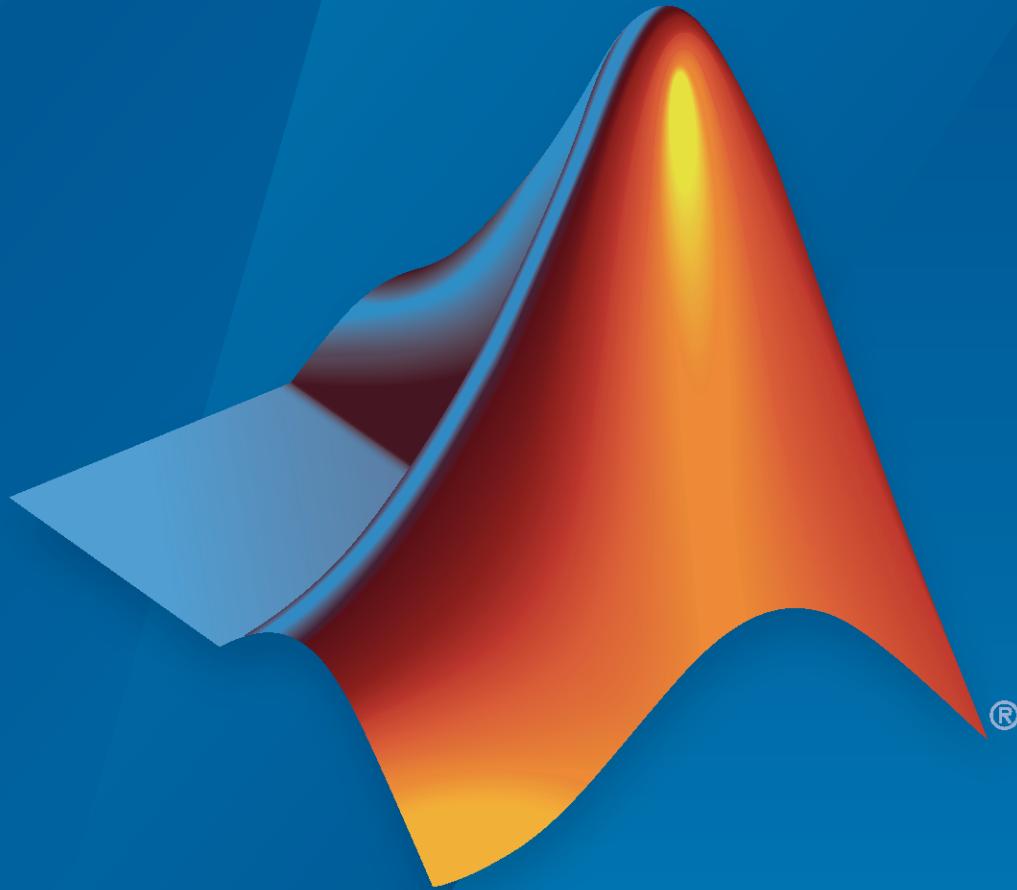


# MATLAB® Web App Server™ Release Notes



# MATLAB®



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### *MATLAB® Web App Server™ Release Notes*

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# R2020b

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**Version: 1.1**

**New Features**

**Bug Fixes**

## **Authentication: OIDC authentication schema supports URL redirection**

The JSON schema for OIDC authentication now supports URL redirection. For details, see “Authentication”.

# R2020a

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**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.