

PowerApps

2019 release wave 2
October 2019-March 2020

In this guide, you will be able to learn the most important things about this release wave. These will help you plan to onboard the release updates with confidence.

Top things to know

New capability highlights

The **2019 release wave 2**, brings to market significant new services and capabilities to enable digital transformation for businesses. For PowerApps, these new capabilities include:

- **PowerApps Portals** enables makers create a powerful new type of experience: web portals that surface data stored in Common Data Service to employees or users outside their organizations.
- **AI Builder** enables makers to build AI without knowing programming or data science. Using AI is made even easier with integration directly into PowerApps and Microsoft Flow.
- **Quality tools for testing and debugging** enables app makers and testers can leverage the PowerApps test framework to create UI automation and end-to-end tests for their canvas apps.
- **PowerApps component framework** enables professional developers to build custom components that can be used in canvas apps.
- **Unified interface enhancements** brings all the rich experiences to any client.

Key milestones

Get prepared to onboard the new 2019 release wave 2 updates with confidence. Early access of the release wave, October update will start on **August 2nd, 2019** and will be generally available on **October 1st, 2019**.

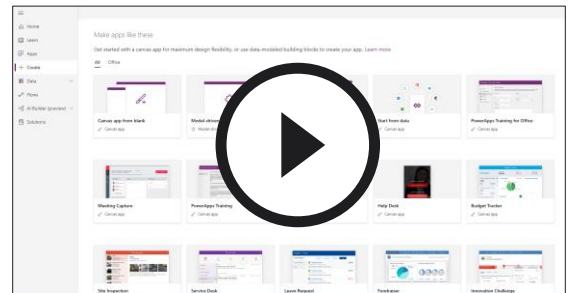
For PowerApps administrators

End-user impacting features should be reviewed by PowerApps administrators. This facilitates release change management and enables successful onboarding of new capabilities released to market. Look for all features tagged "End users, automatically" in the release plan.

Watch the release overview video

Get an overview of the new capabilities and enhancements to PowerApps.

Visit: aka.ms/ROGPA19RW2ROV



Read the release plan

Explore the entire set of new capabilities planned for 2019 release wave 2.

Visit: aka.ms/ROGPA19RW2RP



Onboard new capabilities with confidence

Prepare to onboard the new capabilities in your production deployment by watching the deep-dive video series for PowerApps. Coming soon!



Join the PowerApps community

Visit: aka.ms/ROGPA19RW2UC

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New capability highlights

These capabilities outline our commitment to deliver on our roadmap priorities. To learn more about the entire set of capabilities being delivered during this release wave, visit: aka.ms/ROGPA19RW2RP

Guest access

PowerApps canvas apps support sharing of apps with users outside of your company. Sharing of an app is as easy as sharing with an employee. Guests can run the apps on the web or on their mobile device. Guests can also access canvas apps in SharePoint lists.

▶ Watch the overview video: aka.ms/ROGPA19RW2ROV1

Solution checker enhancements

Solution checker is now available to be automated via PowerShell or Azure DevOps build tasks. Solutions can be from online or on-premise Dynamics environments. Managed and unmanaged solutions are now supported. PowerApps canvas apps and Flow checker results are also now included in solution checker results.

▶ Watch the overview video: aka.ms/ROGPA19RW2ROV2

Building with components

PowerApps component framework for canvas apps

PowerApps component framework allows professional developers to build custom components that can be used in canvas apps. Makers can import custom components to enhance their canvas apps with the functionality that is not available out of the box. Public preview of PowerApps component framework allows developers and makers to test their custom components in canvas apps, taking advantage of the growing list of supported APIs, as well as the new theming system.

PowerApps component framework for model-driven apps

The PowerApps component framework is generally available for model-driven apps, allowing professional developers to create custom components for use across the full breadth of PowerApps capabilities. Third-party developers can now create their own custom components using the libraries and services of their choice and add these reusable components to any model-driven app. The framework not only saves time but also unlocks powerful capabilities for advanced interactions. To facilitate the development of custom components, the Microsoft PowerApps CLI tool enables fast component creation, easy debugging, built-in validation, and testing using the code editor of your choice.

PowerApps test framework

App makers and testers can leverage the PowerApps test framework to create UI automation and end-to-end tests for their canvas apps. App makers can catch and react to issues early as they move across environments, test out the latest service versions, or push updates to their existing production applications.

▶ Watch the overview video: aka.ms/ROGPA19RW2ROV3

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New capability highlights

Unified Interface enhancements

Anchoring error notifications in Unified Interface

Users will be able to quickly navigate to a field on a form that has an error from a notification by simply clicking on the error message. The focus will be set on the error field, reducing clicks and improving productivity when there is an error on a form.

Improved usability, density, and filtering capabilities for the Unified Interface grid

The Unified Interface grid now includes several updates focused on usability and navigation for end users. The grid layout and styling has been optimized to improve density, allowing users to see more records on a single screen without feeling cluttered. This update removes unused and redundant space in the grid that has been highlighted in user feedback as impacting efficiency and making the grid harder to navigate. In addition to the density changes, updates have been made to improve the filtering and navigation behavior. Now as users filter records in the view page, navigate to a record, and return to the grid, the filters on the grid are remembered. This allows end users to navigate back and forth between the grid and filtered records without reapplying the filter, search, or view selection each time. Improvements have also been made to the advanced grid column filtering options to find their records quickly. This includes filtering on the activity type field and alignment of date field filtering for existing operators.

Form header usability improvements

Customers will have an improved experience when they open and read information for a record in the Unified Interface with increased data density and usability with the form header.

Timeline wall improvements in Unified Interface

Managing activities in the timeline wall will be faster and more responsive with improvements to data density and usability.

Enhancements include:

- Easily expand and collapse activities in the timeline wall.
- Simple icons that help users quickly identify key activities.
- Quick and easy access to the command bar to perform common actions on an activity.

▶ Watch the overview video: aka.ms/ROGPA19RW2ROV4

PowerApps Portals

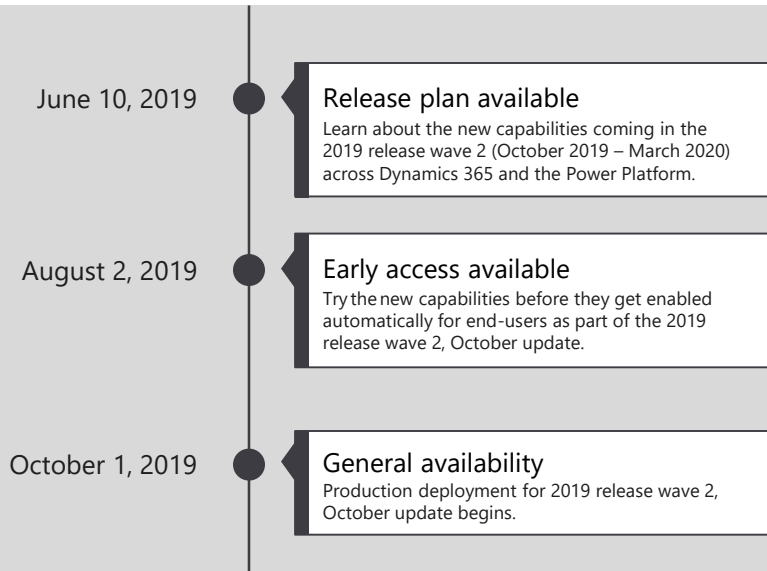
As part of this feature, PowerApps and Dynamics 365 makers can create a new type of app called Portal to create a website that can be extended to users who are outside your organization and can sign in with a wide variety of identities, or even browse the content anonymously.

This feature will provide full capabilities of Dynamics 365 for Customer Engagement Portal, previously offered only as an add-on to Dynamics 365 for Customer Engagement applications. It also features a revamped end-to-end experience for makers to quickly create a website, customize it with pages, layout, and content, reuse page design through templates, add forms, views, and other key data from Common Data Service, and publish to users. With these new capabilities, makers can deliver rich, web-based experiences to users far beyond their fellow employees, unlocking a host of business scenarios for employees, business to business (B2B) partners, and end customers.

▶ Watch the overview video: aka.ms/ROGPA19RW2ROV5

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Key milestones

Prepare to onboard the new release update with confidence.

Early access for the 2019 release wave 2, October update will start on **August 2nd, 2019**. General availability is **October 1st, 2019**.

Update process and global rollout

Early access

Application administrators can try out new capabilities in a non-production deployment prior to receiving release updates in their production deployment starting on August 2nd, 2019. Learn how to enable access to these enhancements with confidence. Visit: aka.ms/EarlyAccessFeatures

General availability

The 2019 release wave 2, October update will be deployed in production environment for all customer starting October 1st, 2019. For more information on specific timelines, please visit: aka.ms/ROGPA19RW2GAT

For PowerApps administrators

End-user impacting features to the user experience enabled automatically

End-user impacting features should be reviewed by application administrators. This facilitates release change management and enables successful onboarding of new capabilities released to market. For the complete list, look for all features tagged "End users, automatically" in the release plan.

Features that must be enabled by application administrators

This release wave contains features that must be enabled or configured by administrators, makers, or business analysts to be available for their end users. For the complete list, look for all features tagged "End users by admins, makers, or analysts" in the release plan.

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Get the most out of PowerApps

Release plan

aka.ms/ROGPA19RW2RP

View all capabilities included in this release.

Release calendar

aka.ms/ROGPA19RW2RC

Know important release milestones.

Product releases

aka.ms/ROGPA19RW2PR

Stay up to date on product updates.

Licensing

aka.ms/ROGPA19RW2LG

Improve your understanding of how to license PowerApps.

User community

aka.ms/ROGPA19RW2UC

Engage with PowerApps experts and peers in the community.

Upcoming events

aka.ms/ROGPA19RW2E

Find and register for in person events and online webinars.

Release readiness videos

aka.ms/ROGPA19RW2DDVS

Get an in-depth look of the new capabilities.

Product documentation

aka.ms/ROGPA19RW2PD

Find documentation for PowerApps.

Is this guide helpful?



aka.ms/ROG19RW2Feedback