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# Martello Gizmo

## **RELEASE NOTES**

RELEASE 2.2

DOCUMENT DATE: JULY 16, 2021

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Release Notes  
Release 2.2 - July 16, 2021

## CHAPTER 1

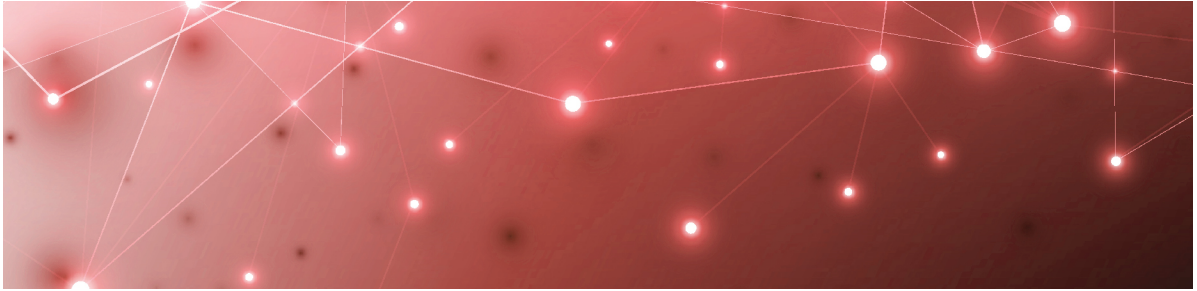
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# Introduction

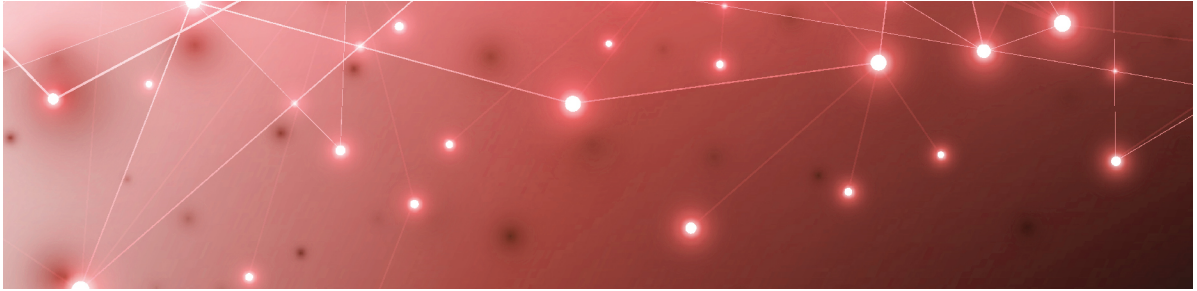
Gizmo is a monitoring tool that provides the information you need in order to understand service delivery issues on Microsoft applications and resources. It provides you with proactive alerts so that you can work directly on issues before they become a problem for your business.

## Document Purpose and Intended Audience

This document summarizes the content introduced by Gizmo release 2.2. This document is intended for use by trained partners and end users.

## Revision History

Document Date	Description
July 16, 2021	Gizmo Release 2.2



## Gizmo 2.2

The following sections provide a summary of the changes introduced in Gizmo Release 2.2.

- ["New in this Release" on page 5](#)
- ["Fixed Issues" on page 8](#)

### New in this Release

Gizmo release 2.2 includes the following new features and enhancements:

- ["Configurations Management Page" on page 5](#)
- ["Exchange MAPI Workload" on page 5](#)
- ["Exchange Advanced Free/Busy Workload " on page 6](#)
- ["Custom User Groups in Azure AD" on page 6](#)
- ["Updated Calculations for Exchange Health Status" on page 6](#)
- ["Enhancements to Alerts for SharePoint, OneDrive, and Exchange" on page 6](#)
- ["Robot Manager Updates" on page 6](#)
- ["Power BI Template Enhancements" on page 6](#)
- ["WebUI Enhancements" on page 7](#)
- ["API Availability" on page 7](#)

### Configurations Management Page

This release introduces a new page in the Gizmo WebUI: the Configurations Management page. You can use this page to specify the workloads that you want to monitor, and configure the parameters that Gizmo uses to access the workloads. In previous releases, this functionality was available only through PowerShell scripts. You can access the page by selecting **Settings > Configurations**.

### Exchange MAPI Workload

This release includes the ability to monitor an Exchange MAPI workload. Gizmo provides information about the quality of the connection to Exchange or to Exchange Online from an Outlook client that uses MAPI over HTTP.

## Exchange Advanced Free/Busy Workload

This release includes support for an Exchange Advanced Free/Busy workload, which is a service that queries the free/busy status of user's calendar. When you configure Gizmo to monitor this workload, it tests the health of the Exchange Advanced Free/Busy service and provides information about the availability of the service.

## Custom User Groups in Azure AD

If you enable role-based access, users in your organization can access Gizmo based on their defined role in Azure AD. By default, Gizmo provides administrator privileges to users who you add to an Azure AD group called GizmoAdmins. A new feature in this release allows you to specify a custom group in Azure AD for administrators that reflects the naming standards of your company.

## Updated Calculations for Exchange Health Status

The health status of Exchange is now calculated using the execution time for opening a mailbox. Previously, the health status was calculated using the time required for modern authentication. Gizmo continues to collect and display metrics for modern authentication time; however, using the open mailbox execution time in the calculation allows Gizmo to provide an accurate health status for both on-premises and cloud-based Exchange deployments. This change affects the Exchange health status displayed in the following locations:

- The Exchange dashboard on the WebUI.
- The Office 365 Operations dashboard on the WebUI.
- The Exchange UX page in Power BI.

## Enhancements to Alerts for SharePoint, OneDrive, and Exchange

When Gizmo raises alerts related to SharePoint, OneDrive, or Exchange, the alerts now include the name of the Robot Manager and the name of the monitoring configuration. This improvement allows you to easily identify the monitoring configuration that the alert relates to, which is helpful if you have assigned more than one of the same workload type to a single Robot Manager.

## Robot Manager Updates

The Robot Manager service has been updated for this release. If you are upgrading to Gizmo 2.2 from a previous release, we recommend that you upgrade your existing deployments of the Robot Manager service.


## Power BI Template Enhancements

The Power BI template has been updated for this release. If you are upgrading to Gizmo 2.2 from a previous release, we recommend that you import the latest Power BI template.

One of the changes included in the new template is improved usability of the Cross Analysis page. In previous releases, customers who used the Cross Analysis page to monitor several different workloads were not able to filter the metrics based on workload, unless there was a dedicated robot for each workload. This release allows you to filter the data according to workload, without the need to dedicate one robot to each workload.

## WebUI Enhancements

This release includes the following enhancements to the WebUI:

- The following new icon is used accessing User settings: 
- The version number of the Gizmo WebUI application is now available on the bottom left of the interface.

## API Availability

In previous releases, you needed to execute a PowerShell script to enable the Gizmo API. In this release, the API is available by default.

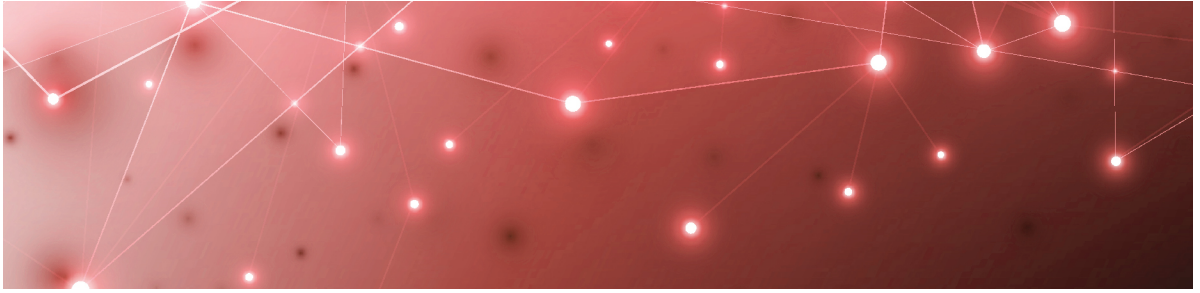
## Fixed Issues

The following issues were fixed in the 2.2 release of Gizmo.

Issue Type	Issue	Affected Version
Application	On Gizmo dashboards, the dates and times for all metrics are displayed in the user's local time zone; however, data displayed in tables was displayed in UTC format. Dates and times for all data displayed in tables are now shown in the user's local time zone.	2.0 and 2.1
Power BI	The daily aggregated values were not correct on the Exchange UX page in Power BI.	2.1
Power BI	When you viewed daily or hourly data on Power BI report pages that contain performance maps, the color coding on the map did not match the color coding of the performance status. The issue is corrected in this release.	2.1
Power BI	The Top Level Dashboard page in Power BI reported 33.33% performance instead of 100% if Exchange online was the only configured workload. The issue is corrected in this release.	2.0 and 2.1



Application	When you configure a delivery systems for alerts, you can use either the Gizmo WebUI or a PowerShell script. Some parameters are available only when you use PowerShell. In previous releases, these parameters were not preserved if you later edited the configuration using the WebUI. The issue is corrected in this release.	2.0 and 2.1
Power BI	The Cross Analysis page in Power BI did not display the ADFS Total Execution Time. The issue is corrected in this release and the data is not available.	2.0 and 2.1



## Contact

For additional information, please visit our support page at <https://support.martellotech.com>, or email our Gizmo Support Team at [gsx-support@martellotech.com](mailto:gsx-support@martellotech.com).



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