

What's New

G Suite

JANUARY 2019



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[Analyze hefty data sets with BigQuery and Google Sheets](#)



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Business ready

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Learn more about G Suite

[Cloud Connect: The community for G Suite administrators](#)
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To help you better track the full breadth of G Suite launches, including those that aren't announced on the [G Suite Updates blog](#), check out the [What's new in G Suite](#) page in the Help Center.

We'd really appreciate [your thoughts](#) on how we can make this resource work best for you.

- The G Suite Team, February 1, 2019

Featured launch: Analyze hefty data sets with BigQuery and Google Sheets

Announced January 15th, 2019

 Share with your organization

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What's changing

We're connecting Sheets and BigQuery to make it easier to analyze and share data. The BigQuery data connector will help you:

- Collaborate with partners, analysts or other stakeholders in a familiar spreadsheet interface
- Ensure a single source of truth for data without having to create additional CSV exports
- Streamline reporting and dashboarding workflows

Who's impacted

End users

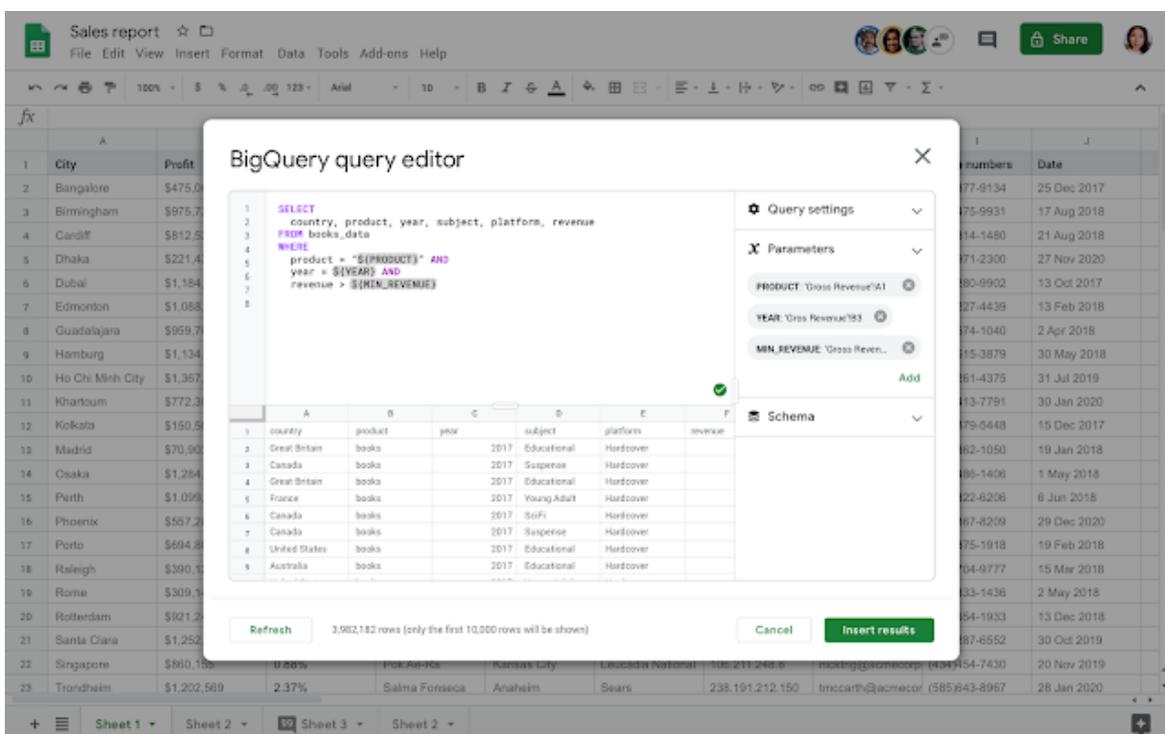
Why you'd use it

We built BigQuery to help analysts make sense of large datasets—now it's easier for employees and team members outside of data analyst functions to access and analyze data. By bringing these two tools together, collaborators and other stakeholders can view up to 10,000 rows of data from BigQuery in an easy, familiar interface. This makes collaboration and insight sharing easier, enabling faster decision making.

How to get started:

- **Admins:** No Action
- **End users:** Here's how to get your data from BigQuery and analyze it in Sheets:
 - From the Menu, select Data > Data Connectors > BigQuery
 - Use the [Explore feature](#)
 - [Create Charts](#)
 - [Create Pivot Tables](#)

To check key permissions for the BigQuery data connector [see here](#).



The screenshot shows a Google Sheets interface with a 'Sales report' spreadsheet. A 'BigQuery query editor' dialog box is open, displaying a SQL query and its results. The query is:

```
SELECT
country, product, year, subject, platform, revenue
FROM books_data
WHERE
product = '${PRODUCT}' AND
year = ${YEAR} AND
revenue > ${MIN_REVENUE}
```

The query settings panel on the right shows the following parameters:

- PRODUCT: 'Gross Revenue'AI
- YEAR: 'Gross Revenue'183
- MIN_REVENUE: 'Gross Reven..'

The schema panel shows the following columns:

country	product	year	subject	platform	revenue
Great Britain	books	2017	Educational	Hardcover	
Canada	books	2017	Suspense	Hardcover	
Great Britain	books	2017	Educational	Hardcover	
France	books	2017	Young Adult	Hardcover	
Canada	books	2017	Sci-Fi	Hardcover	
Canada	books	2017	Suspense	Hardcover	
United States	books	2017	Educational	Hardcover	
Australia	books	2017	Educational	Hardcover	

The dialog box also shows a 'Refresh' button and a message: '3,902,182 rows (only the first 10,000 rows will be shown)'. There are 'Cancel' and 'Insert results' buttons at the bottom.

Additional details

Anyone you share the spreadsheet with will see the data contained in the sheet. Only those with edit access in Sheets and view access to the BigQuery table have the ability to refresh the dataset.

For key permissions for the BigQuery data connector see [here](#).

As always, use [share permissions](#) to control who can view, edit or share your data.

In the coming weeks, you'll be able to use tools like [Apps Script](#) and the [macro recorder](#) to schedule automatic updates within Sheets to the connected BigQuery data. For example, you can automatically refresh sales data in your spreadsheet so the data is fresh and ready for analysis at the beginning of the day. To learn more about how to record or run macros in Sheets, check out this [G Suite Pro Tip](#).

Helpful links

[Help Center: Analyze BigQuery Data within Sheets](#)

Work together

Get your whole team jamming with Jamboard web improvements

Announced on January 23rd, 2019

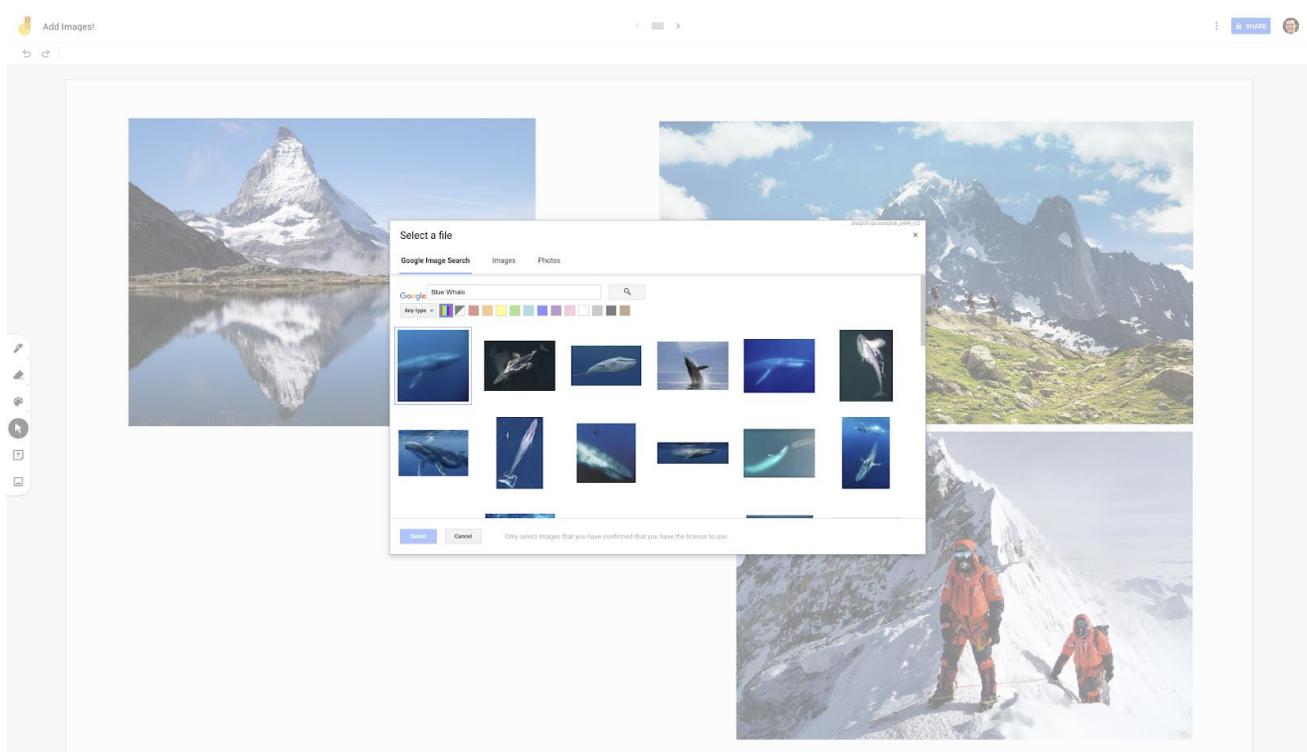
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What's changing

We're adding several new features to Jamboard which will make it easier to create and collaborate on jams on the web. We recently announced that you can now [create and edit jams in a Chrome browser](#). We're enhancing this web-based Jamboard experience with several useful features including:

- **Support for familiar keyboard shortcuts:** Use Ctrl/CMD+c to copy, CTRL+V to paste, and CTRL+D to duplicate Jam objects when editing on the web.
- **Create, delete, and duplicate frames on the web:** Easily manage frames (the equivalent of pages in jams) on the web.
- **Easier switch between creation modes:** Quickly switch between the drawing and selection modes - hold down Ctrl/CMD to switch to the select mode, and release to switch back to drawing mode.
- **Better image management:** Add images to jams by drag and drop, copy and paste, or through a simple image upload dialog.



A new dialogue will make it easier to insert images in jams

Who's impacted

End users

Why you'd use it

Jamboard is a great tool for brainstorming, encouraging collaboration, and generally bringing ideas to life. This launch makes it easier for everyone on your team to collaborate on jams, regardless of whether they're by a physical Jamboard or not.

With these improvements to [Jamboard on the web](#), and the pre-existing apps for [phones](#) and [tablets](#), we hope more of your team can join in and share ideas, capture sticky notes, brainstorm, and much more.

How to get started

- Admins: No action needed.
- End users: Go to <https://jamboard.google.com> to get started, or use our Help Center for more details on [how to use Jamboard on the web](#).

Helpful links

[Jamboard on the web](#)

[Help Center: Use Jamboard on the web](#)

Embed Google+ search streams in new Google Sites

Announced on January 15th, 2019



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What's changing

You can now embed a stream of posts from a Google+ search in the new Google Sites. This search could contain [simple keywords](#) or [advanced search operators](#).

This builds on our previous launch, which helped you [embed community pages, profiles, and other Google+ streams in new Sites](#).

Who's impacted

End users

Why you'd use it

When you embed a stream from G+, users will see the exact same content, whether they're viewing it on plus.google.com or within an embedded module in a Sites page. They'll also be able to interact with the content, and have that interaction show in both locations. This can help you create more engaging sites with dynamic and collaborative content from Google+.

By embedding a stream from a Google+ search, you could embed posts from specific people, or you can embed a Google+ stream that aggregates posts from multiple G+ communities. Users will be able to see the content and interact with it if they choose.

How to get started

- Admins: No action needed.
- End users: Use the Help Center to find out [how to embed Google+ content in Sites](#).

Helpful links

[Help Center: Add Google files, video & more to Google Sites](#)

Simple to use

A new look and feel for Gmail on mobile

Announced on January 29th, 2019

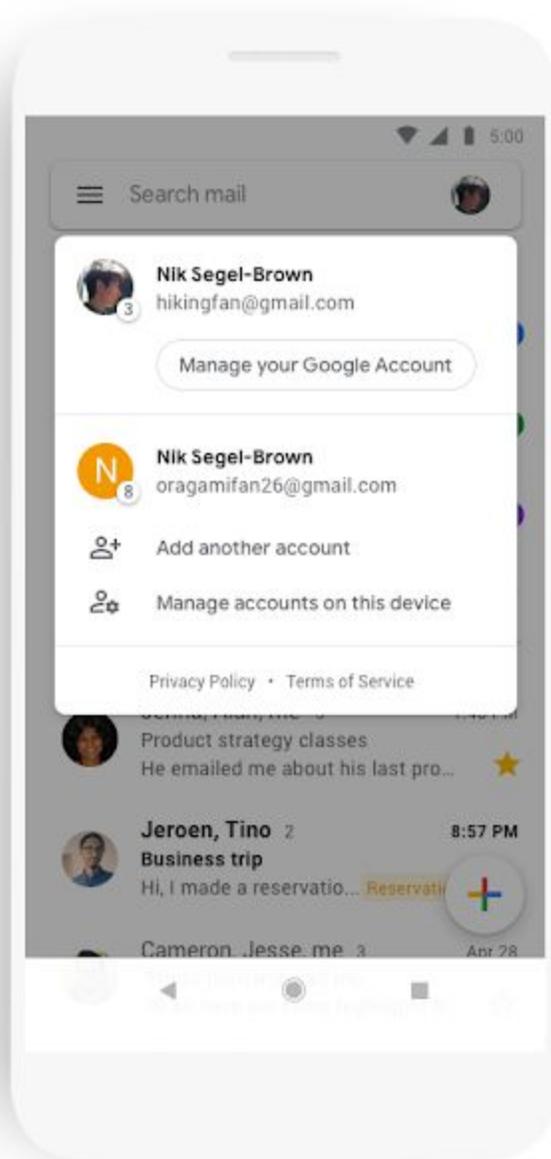
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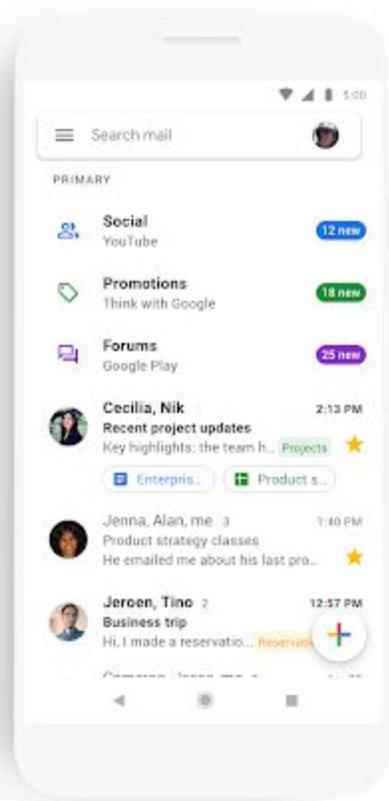
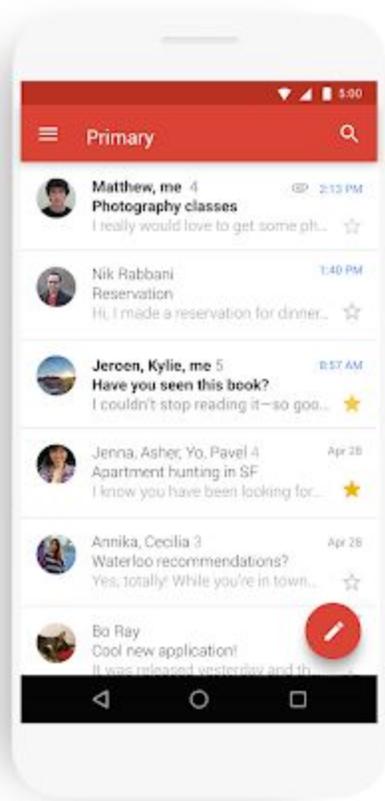
What's changing

In addition to similar announcements we've recently made for [Drive](#) and [Docs, Sheets, Slides, and Sites](#) on the web, we're now bringing a new look to Gmail on mobile, too.

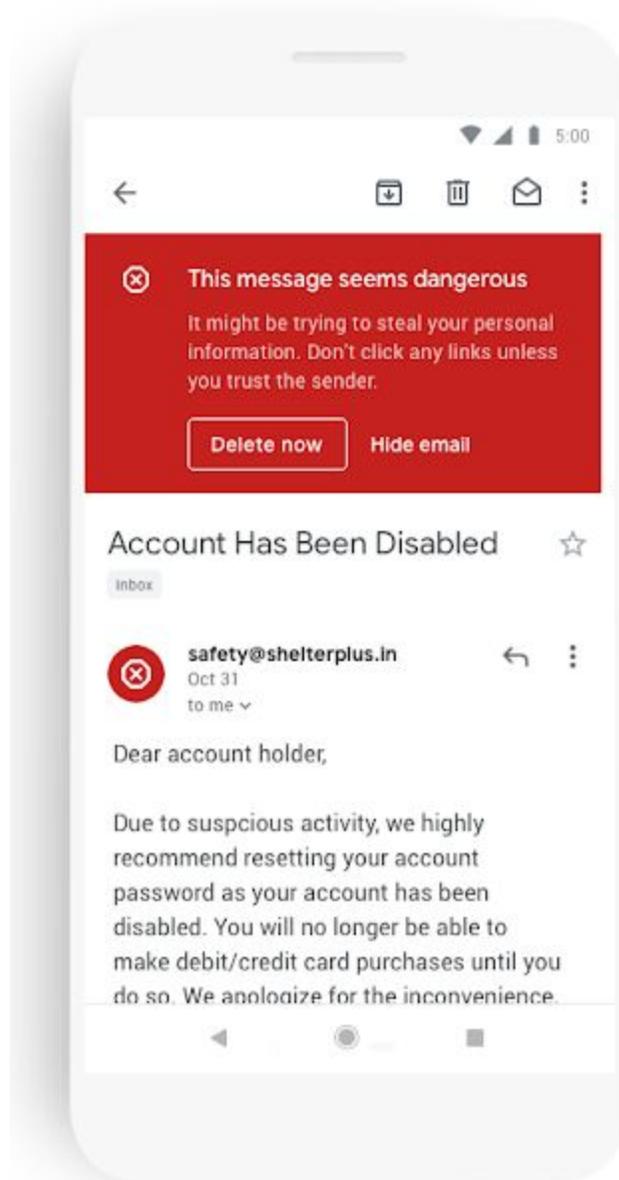
As part of the new design, you can quickly view attachments—like photos—without opening or scrolling through the conversation. It's also easier to switch between personal and work accounts, so you can access all of your emails without breaking a sweat.



A more minimal use of color helps you focus on content and what's important to you. We've also replaced the search button with a more prominent search bar at the top of the screen.



And just like on the web, you'll get big, red warnings to alert you when something looks phish-y.



Who's impacted

All end users

Why you'd use it

This update is part of a larger effort to bring the look and feel of our G Suite apps together as a whole, and always with ease-of-use in mind.

How to get started

- Admins: No action needed
- End users: You'll see the changes coming to your Android and iOS devices over the coming weeks.

Additional details

We've already updated the web apps for Gmail, Drive, Calendar, and most recently Google Docs and Sites. In the coming weeks, you'll see the new mobile design in Gmail on Android and iOS, with more G Suite mobile apps to follow later this year.

Helpful links

[Help Center: Search in Gmail](#)

[Help Center: Add another email account to the Gmail app](#)

[Help Center: Check emails from other accounts](#)

[Help Center: Sign out of Gmail](#)

New Gmail compose formatting and download options

Announced on January 22nd, 2019



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What's changing

We're adding three new features to Gmail:

- **Shortcut to undo/redo** in the compose window
- **Shortcut to strikethrough text**
- **Ability to download messages as .EML files** in rfc822 format from Gmail on the web

Who's impacted

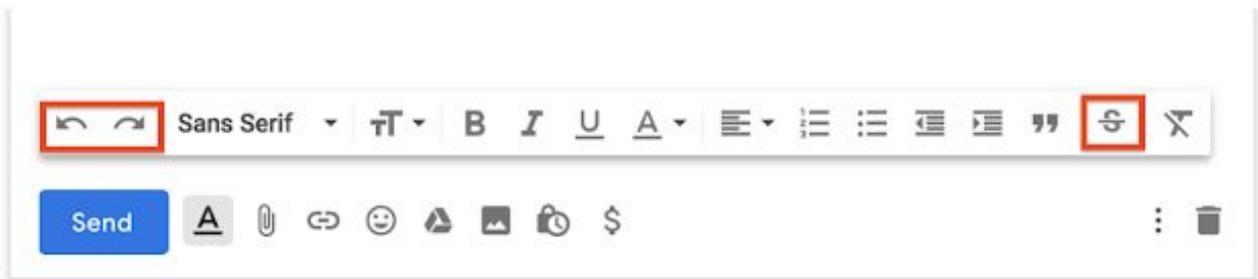
End users

Why you'd use it

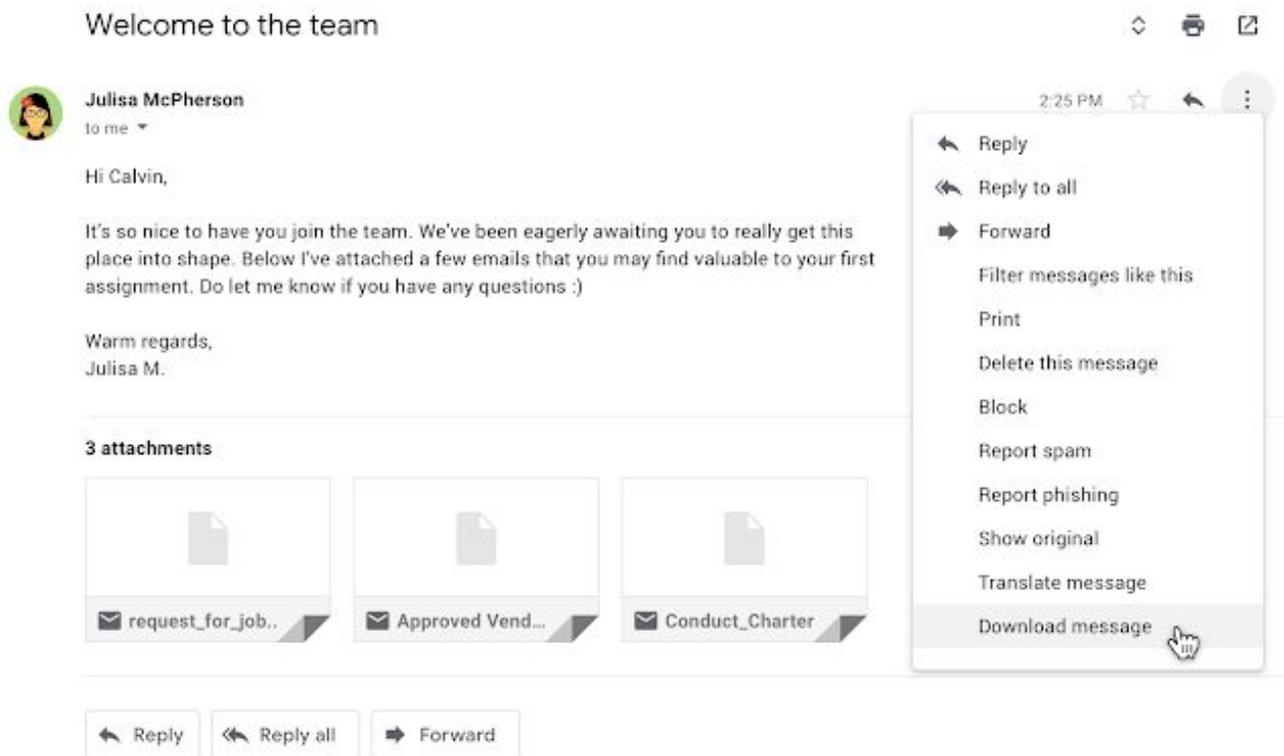
- **Undo/Redo:** If you need to undo an action, like if you accidentally delete the content of your draft of an email, you can do so straight from the compose view. Anytime you have undo, you want to also have the option of redo, so we've added that as well.
- **Strikethrough:** Strikethrough is a visual cue that something has been completed or can be used as an edit suggestion. We've heard from you that this functionality is critical to quickly and efficiently write emails, especially when you want to visually indicate a change in language.
- **Download as .EML:** This format is recognized by other email clients, allowing you to view the Gmail content along with attachments within these clients. In addition, with this functionality users can now add these downloaded messages as attachments in their emails.

How to get started

- **Admins:** No action necessary.
- **End users - new compose formatting:** Click on the formatting menu in the Gmail compose window.



- **End users - new download format:** Open the overflow (three dot) menu and select “Download message.”



Material Design for Google Docs, Sheets, Slides, and Sites on Web

Announced on January 15th, 2019

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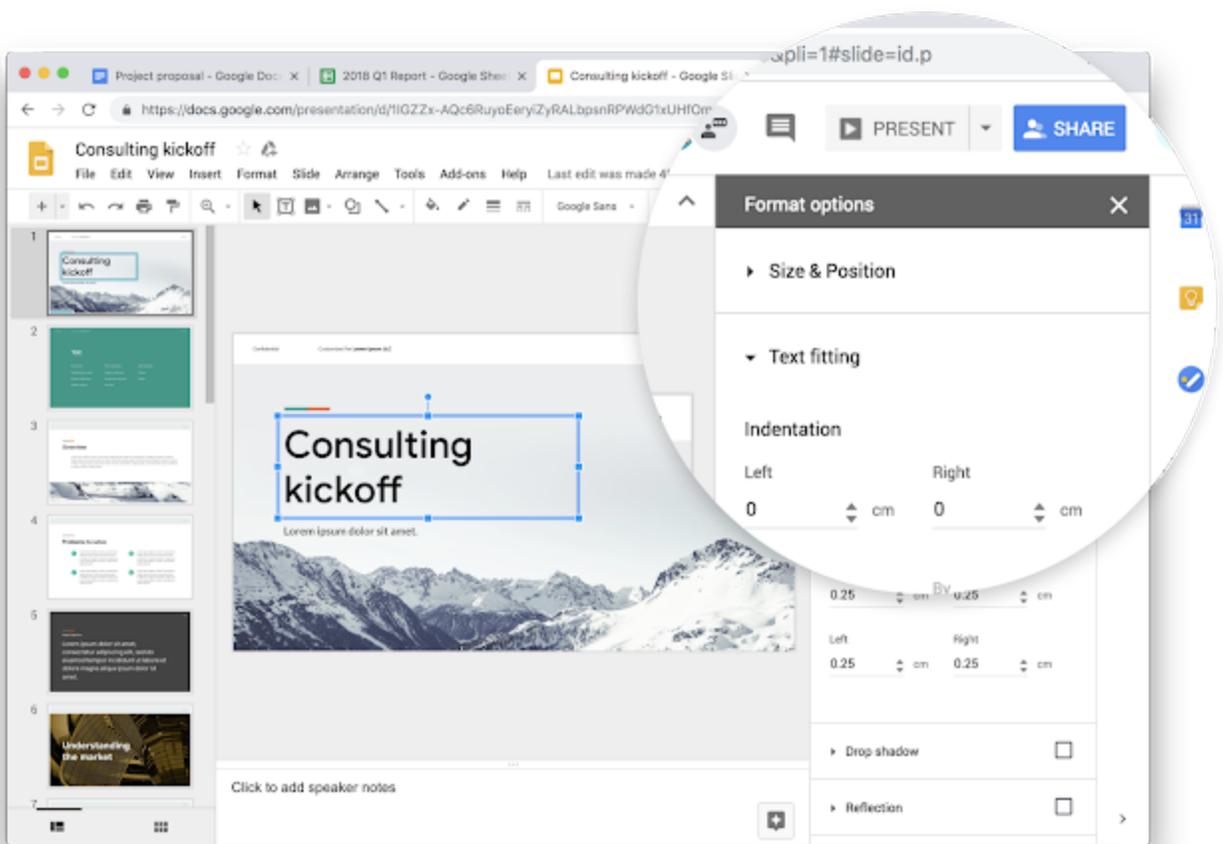
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What's changing

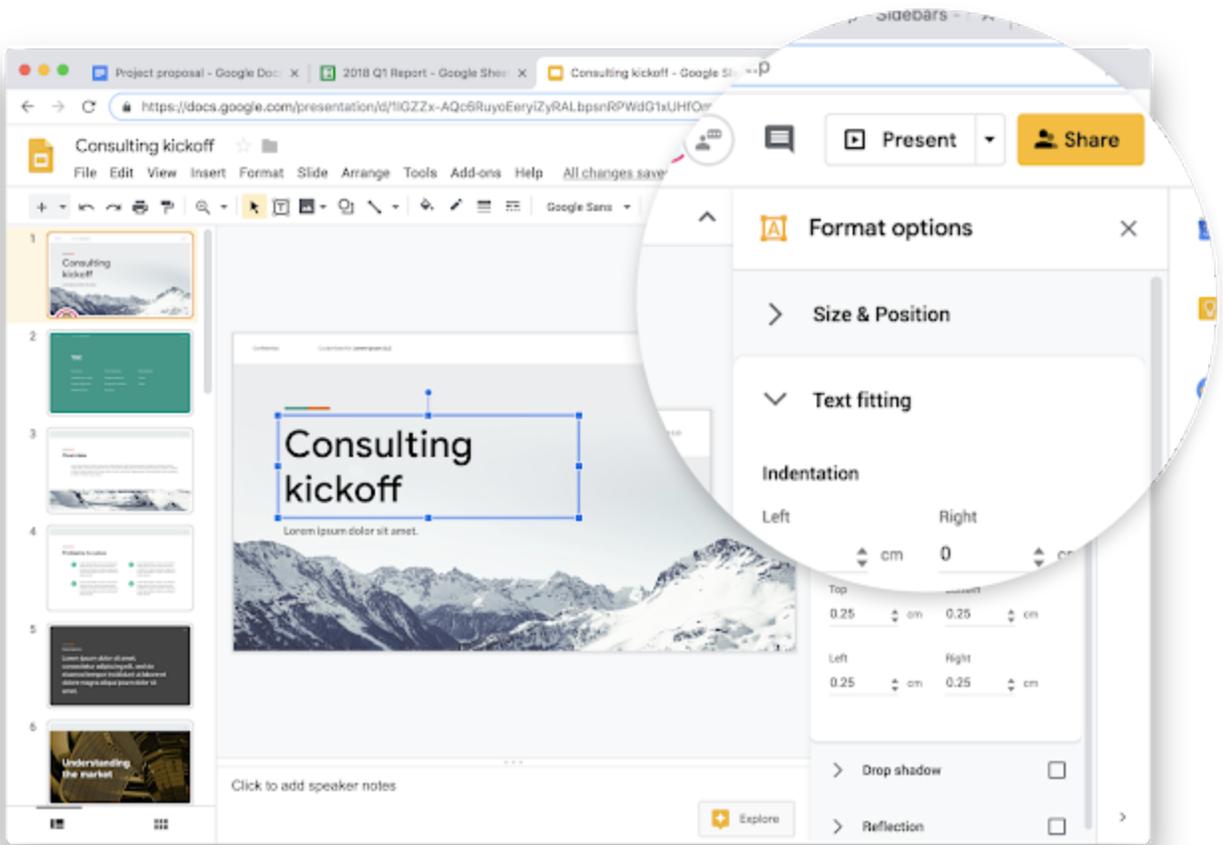
Google Docs, Sheets, Slides, and Sites will be getting a new look and feel on the web. While there are no functionality changes, users will notice some visual improvements, including:

- Interface typography that uses Google’s custom-designed and highly-legible typefaces
- Controls (like buttons, dialogs, and sidebars) that are updated and consistent
- Iconography that is legible and crisp, with a fresh feel

The four products in this update join other G Suite products like Gmail and Calendar in sharing a common design language.



Before



After

Who's impacted

End users

Why you'd use it

This style change is part of a new, consistent design approach from Google. You can expect to see similar changes across other G Suite applications in the future.

How to get started

- Admins: No action needed
- End users: You'll see the new look coming your way.

Embed Google Drawings in Google Docs

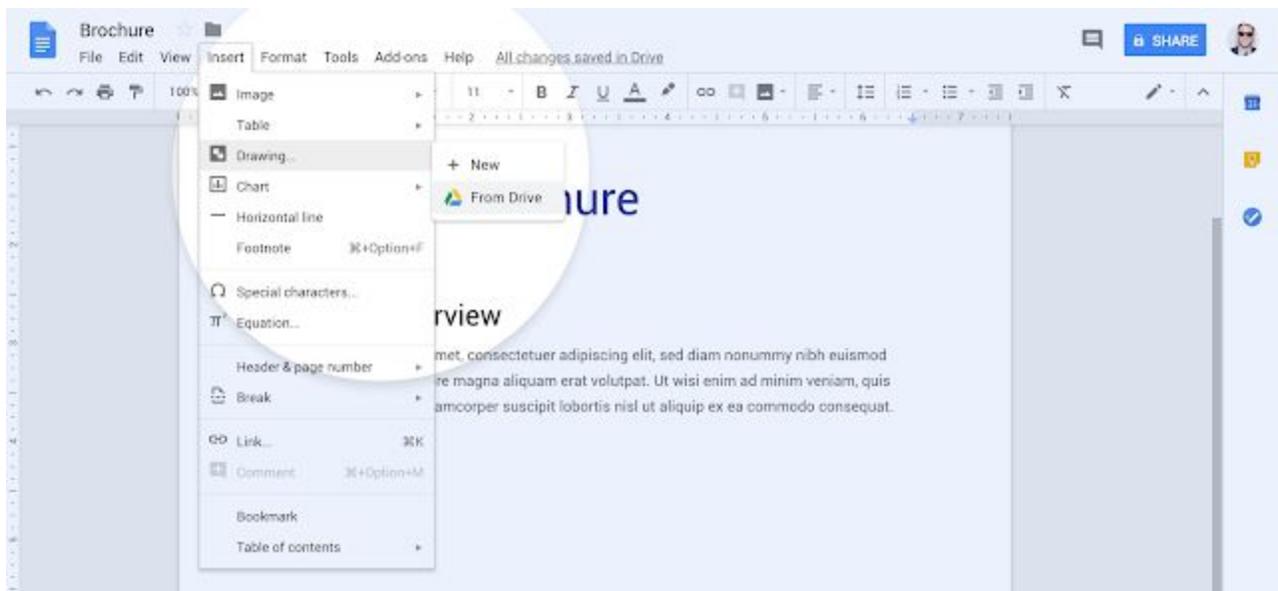
Announced on January 7th, 2019

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What's changing

Now you can embed Google Drawings files saved in Drive into Google Docs and update the content of linked drawings embedded in Docs. When the source file is updated, you'll see an "Update" button in the upper right hand corner of the embedded drawing.



Who's impacted

End users

Why you'd use it

Instead of having to create drawings manually in a document, you can embed drawings from Drive in a document and refresh the content to keep it current. When you embed a drawing, the drawing is placed in the document, but linked to the original in Google Drawings. By using the "Update" button, you can update the drawing's content with one click if changes are made to the source file. You can also choose to unlink drawings at a later date.

How to get started

- Admins: No action needed.
- End users: This feature can be accessed from the "Insert" menu in Docs. For further instructions, [check out the Help Center](#).

Helpful links

[Help Center: Create, insert & edit drawings](#)

More language options available for the 2019 Calendar Template in Sheets

Announced on January 29th, 2019

 Share with your organization

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Quick launch summary

We've expanded language options for creating a 2019 Calendar Template in Sheets. The new language options available are:

- Brazilian Portuguese
- Chinese
- Danish
- Dutch
- Filipino
- French
- German
- Hindi
- Indonesian
- Italian
- Japanese
- Korean
- Latin American Spanish
- Polish
- Russian
- Spanish
- Swedish
- Thai
- Turkish
- Vietnamese

Note: The template was previously released in English languages.

Business ready

Assign unique colors to chart elements in Google Sheets

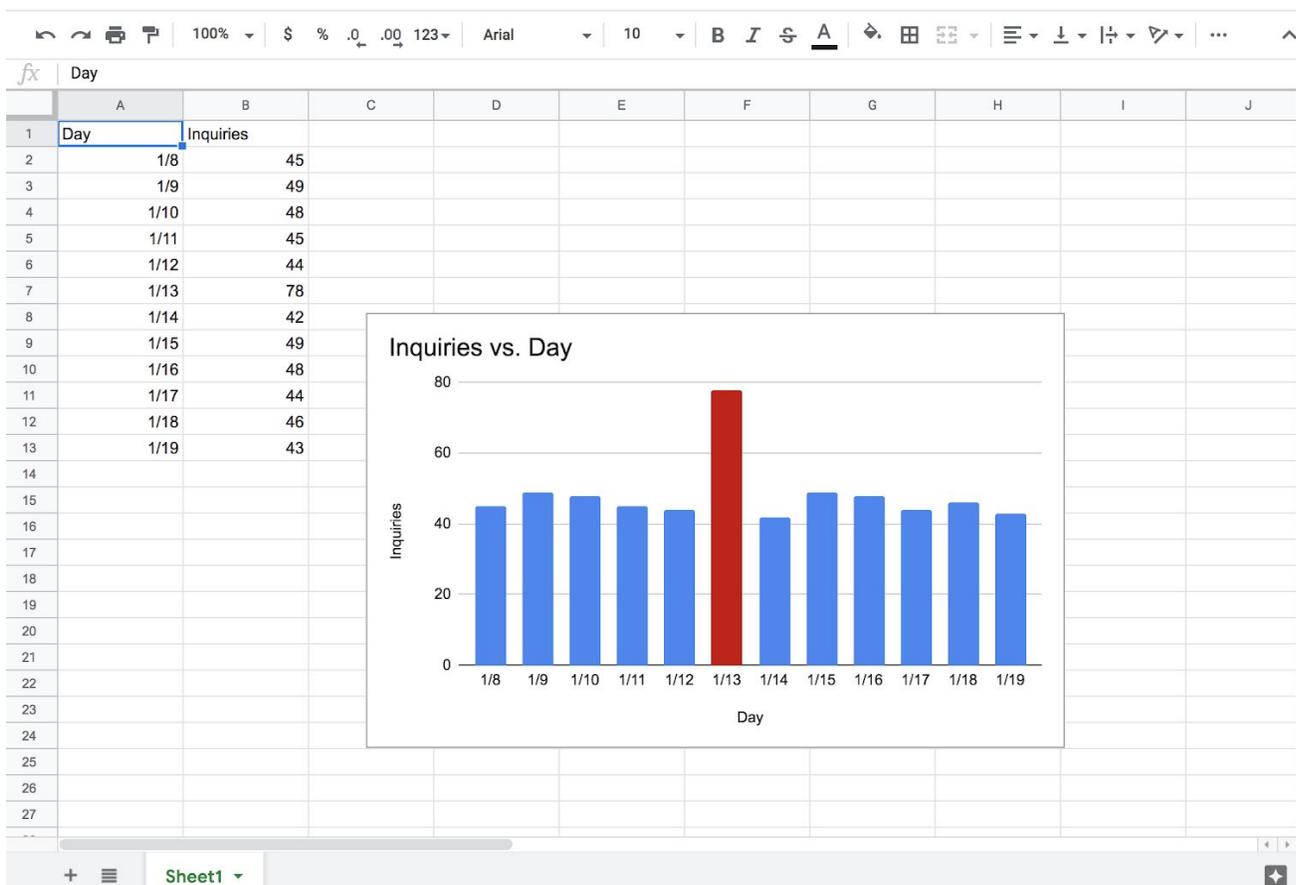
Announced on January 7th, 2019

 Share with your organization

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What's changing

Now, when you're working on a chart in Sheets, you can give a design element (such as a bar on a bar graph or a point or line on a line graph) a unique color, instead of all similar elements being the same color. This works for bar charts, column charts, line charts, scatter charts and for certain series in combination charts.



Who's impacted

End users

Why you'd use it

You can emphasize a part of a chart by changing its color to a different one than the main color of the series, allowing you to tell a better story.

How to get started

- Admins: No action needed
- End users: To learn more about this new feature, check out [this Help Center article](#).

Helpful links

[Help Center: Add & edit a chart or graph](#)

Allow Google Calendar users to book Microsoft Exchange resources

Announced on January 17th, 2019

 Admin feature

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What's changing

You can now let your Google Calendar users book Microsoft Exchange calendar resources, such as meeting rooms, when they schedule a meeting.

Who's impacted

Admins and end users

Why you'd use it

We know that some of you manage a coexistence of Google Calendar users and Microsoft Exchange users within your organizations. Last year, we added the ability to [share free/busy information](#) across users in these two environments. With this launch, Calendar users can now easily book any resources that are stored in Exchange.

How to get started

- Admins: To enable Exchange room booking in the Admin console, please follow [these instructions](#).
- End users: Once this feature is enabled, Calendar users will see both Calendar and Exchange resources displayed as bookable options.

Additional details

For more information about [Calendar interop](#), check out the Help Center.

Helpful links

[Help Center: Allow Calendar users to book Exchange resources](#)

Updated roadmap for classic and new Google Sites

Announced on January 28th, 2019

★ Admin feature

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We have updated our plans for Google Sites and want to let you know two key things:

1. We're going to build more enterprise-focused features into new Sites (including ones from classic Sites): We listened to extensive feedback from customers and have identified a number of features in classic Sites that are particularly valuable to larger organizations. We plan to add comparable functionality for those features, along with new and unique features, to new Sites. We believe these will help you use new Sites in different and exciting ways, while making the transition process to new Sites easier and more streamlined. See below for more details on specific features.
2. The final date to transition from classic Sites to new Sites will be the end of 2021: Also based on customer feedback, we realize that classic Sites still offers unique value to our enterprise customers today. While we add more of the requested features to new Sites, we will continue to invest in maintaining core classic Sites functionality until end of year 2021.

More features coming to new Sites

Here are some examples of commonly requested functionality that you will see in new Sites in the future:

Create richer, more customized sites:

- New site themes so your sites can match your company look, feel, and brand.
- Improved text controls to provide you with a greater choice of fonts, colors, styles, and more.
- Standard templates from Google to help you quickly create common types of sites (such as team sites, project sites, and events sites).
- Custom templates to provide simple access to starter websites specific to your domain.
- Better integration with other G Suite products so you can easily embed content in Sites.
- New API capabilities, including Apps Script support, so you can automate and manage sites.

- New page elements, like tables of contents and image carousels.

Create and manage larger sites:

- Additional functionality and controls to help you create and manage larger sites.
- Increased size limits so you can build larger sites.
- Ability to see what's changed between the previous published version and current draft of a site, so you can make more informed publishing decisions.
- Version history so you can see and restore previous versions.
- Richer and more comprehensive search from within a site.
- Google Vault support for content from new Sites.

Transitioning from classic Sites to new Sites

In 2016 we announced [a new version of Google Sites](#), and in 2017 we announced that new Sites would eventually become the only version of Google Sites. We've heard feedback that classic Sites remains valuable for our customers. While we work to add some of the features detailed above, we plan to maintain core classic Sites functionality. This will extend the deadline to transition from classic to new Sites, which we detailed in [this post](#), to the end of 2021.

We continue to have dedicated engineers maintaining core functionality, but classic Sites was originally built many years ago and its infrastructure and integrations with other products and gadgets are quickly becoming outdated. As a result, we cannot guarantee all features will continue to work as they currently do.

As we make progress along the roadmap and expand the features and functionality of new Sites, we plan to improve our migration tools and processes to help make the migration from classic Sites to new Sites easier. We'll provide more updates as work progresses. Keep an eye on the [G Suite Updates blog](#) for details of these announcements.

Try new Sites today

The new Google Sites has a simple interface that makes it easy for anyone to create functional and attractive sites. Many of our customers already prefer it to create common types of sites, including team sites, product sites, and event sites. If you want to try it:

- As an Admin, you can turn new Sites on for your organization.
- If it's available for your organization, you can go to sites.google.com/new to create a site.
- If you own an eligible site in classic Sites can use the automatic site converter to migrate it to new Sites.

Dedicated Hangouts Meet IP addresses

Announced on January 31st, 2019

★ Admin feature

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What's changing

We're adding a [range of official, fixed IP addresses](#) to be used exclusively for classic Hangouts and Hangouts Meet in G Suite domains. That means that you can identify video conference traffic used in G Suite and deprioritize Hangouts traffic from consumer accounts. This can help you better configure and optimize network and firewall access.

Who's impacted

Admins and network operators only

Why you'd use it

Hangouts Meet IP addresses allow you to recognize the G Suite video conference traffic. Use the IPs to:

- Open Meet's [TCP and UDP ports](#) for Meet IPs
- Avoid tunneling or DPI for Meet IPs
- Reduce latency by providing the shortest path possible to the internet for Meet traffic

How to get started

- Admins: Update your firewall for Hangouts IP addresses. You can find those [IP addresses and more information](#) in the Help Center.
- End users: No end user impact.

Additional information

Hangouts Meet and classic Hangouts will stop using the old IP address on February 14, 2019. As this change might interfere with previous network optimization you might have set up, we recommend adopting these IP addresses as part of your firewall and network configuration.

Helpful links

[Help Center: Optimize your network for Meet](#)

Upcoming Hangouts service consolidation for all G Suite customers

Announced on January 22nd, 2019

 Admin feature

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What's changing

As [we announced](#) in 2017, Hangouts Chat and Hangouts Meet are the next generation of Hangouts that focus on team communication. Later this year, we'll transition classic Hangouts users on G Suite domains to Chat and Meet. As a first step, some changes are coming on April 16, 2019.

Key dates to note

G Suite customers can expect the following timeline of changes:

- April 16, 2019 – Several changes that may require administrator action (see below for details).
- Between April and September 2019 – Features from classic Hangouts will come to Chat.
- October 2019 – Start retiring classic Hangouts for G Suite customers.

Consumer impact

The above dates are specific to G Suite customers and their end users who use classic Hangouts. We will continue to [support](#) consumer use of [classic Hangouts](#), and expect to transition consumers to free Chat and Meet following the transition of G Suite customers. A more specific timeline will be communicated at a later date.

What changes will take place on April 16, 2019?

For G Suite domains that have classic Hangouts enabled, Chat will also become available to users on the [web](#) and via mobile apps. They can also continue using classic Hangouts in Gmail, mobile, web or the Chrome extension. See these details for [how interoperability works](#) between Chat and classic Hangouts.

The following admin-facing changes will begin taking place on April 16, 2019:

1. For Google Vault customers, Mail retention rules and holds will stop protecting chat messages in classic Hangouts. Instead, Chat retention rules and holds will protect chat messages in both classic Hangouts and Chat.
2. Chat admin settings will now control chat capability in both classic Hangouts and Chat.
3. A new setting in the Admin console under Apps > G Suite > Hangouts Chat will be added so you can disable classic Hangouts user interfaces at a time of your choosing.
4. The "Google Hangouts" settings page in the Admin console will be renamed "Hangouts Meet." This setting will control both classic Hangouts video and Hangouts Meet.

Google Vault customers need to take action before April 16, 2019

Between March 16 and April 16, 2019, Vault customers that have any Mail retention rules or holds will have an indefinite retention rule automatically created for Chat. This rule is to protect all your chat messages in classic Hangouts when Chat rules start protecting them on April 16, 2019. Before April 16, 2019, you must:

- Review and set new retention rules for Chat in Google Vault.
- Duplicate any existing Mail holds for Chat in Google Vault.

- Set any new holds on chat messages from Chat in Google Vault.
- Once you have set your preferred retention rules and holds for Chat, in order for them to take effect, remove the indefinite retention rule that may be overriding your rules.

If you don't take set your preferred retention rules or holds in Chat and then remove the indefinite retention rule by April 16, 2019, all your chat messages in classic Hangouts and direct messages in Chat will be retained indefinitely. Refer to this [Help Center article](#) to learn more about completing these actions.

What will happen in October 2019?

Classic Hangouts will be retired for all G Suite customers starting in October 2019 and all remaining users will be transitioned to Chat. More notices and details will be shared on the [G Suite Updates blog](#) in the future. In order to make the transition easier for your users, you can review our [Chat documentation](#).

What is the best time to move my users to Hangouts Chat?

You can transition your users immediately if you'd like. If there's more functionality that your organization needs before switching, rest assured that between April and September 2019, we'll add features that will make it easier for your users to move from classic Hangouts to Chat such as:

- Integration with Gmail
- Chatting with external users
- An improved video calling experience
- Making calls with Google Voice

We will communicate availability of these new features via the [G Suite Updates blog](#) so stay tuned!

Helpful links

- [Help Center: Transition to Hangouts Chat](#)
- [Help Center: Action required: Set up holds and retention for Hangouts Chat](#)
- [Help Center: Chat and classic Hangouts interoperability](#)
- [Help Center: Chat Help](#)

Two new Hangouts Meet tools added to the Admin console

Announced on January 22nd, 2019

★ Admin feature

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What's changing

We're launching two new features in the Admin console to help G Suite admins better understand and manage the usage of Hangouts Meet within their organizations. Specifically, we're adding:

- Meet quality tool: This tool gives quick and easy access to meeting information in your domain. With that information, you can better understand what happened in a meeting and what might have caused quality issues, significantly reducing troubleshooting time.

Participant	Meeting code	Starting time	Duration	Location	Network congestion	Packet loss	Jitter	Score
manata@uk-42.com	000-0000-000	Dec 5, 2015, 12:30:10 AM	43 min	Bulford (GB)	0%	0.0% (1%)	7 (10)	5
chachla@uk-42.com	000-0000-000	Dec 5, 2015, 12:17:55 AM	3 min	London (GB)	0%	0.0% (1%)	7 (10)	5
lapp@uk-42.com	000-0000-000	Dec 5, 2015, 9:20:26 AM	1 min	London (GB)	0%	0.0% (1%)	7 (10)	4
lynet@uk-42.com	000-0000-000	Dec 5, 2015, 9:22:57 AM	29 min	London (GB)	0%	0.0% (1%)	8 (10)	5
quagga@uk-42.com	000-0000-000	Dec 5, 2015, 9:31:06 AM	21 min	London (GB)	0%	0.0% (1%)	9 (10)	5
lynet@uk-42.com	000-0000-000	Dec 5, 2015, 9:31:04 AM	25 min	London (GB)	0%	0.0% (1%)	6 (10)	5
bat@uk-42.com	000-0000-000	Dec 5, 2015, 9:30:21 AM	25 min	Woking (GB)	0%	0.0% (1%)	10 (10)	5
hamon@uk-42.com	000-0000-000	Dec 5, 2015, 6:46:06 AM	29 min	Swindon (GB)	0%	0.0% (1%)	7 (10)	5
ddp@uk-42.com	000-0000-000	Dec 5, 2015, 6:32:27 AM	30 min	London (GB)	0%	0.0% (1%)	4 (10)	5
oson@uk-42.com	000-0000-000	Dec 5, 2015, 6:32:54 AM	29 min	Sturton (GB)	0%	0.0% (1%)	6 (10)	5

- Hangouts Meet activity logs: Information about Meet usage and quality is now available to admins through Meet activity logs (in the Admin console under Reports > Audit > Hangouts Meet), enabling you both high level and detailed views on usage within your domain.

Who's impacted

Admins only

Why you'd use it

Meet quality tool: Meet quality tool is designed to help you to troubleshoot your meetings. You can either look at one specific meeting or filter for a time frame, location, device or user. The data visible in Meet quality tool is available in the Hangouts Meet activity log (explained below) to enable further analysis.

Hangouts Meet activity logs: Each time a device or a user leaves a call, an "Activity event" that summarizes usage and quality is generated. The event includes information about the endpoint (such as device type, location, IP, identifier, or call rating), its usage (such as time sharing their video, screen sharing or audio) and network statistics (such as jitter, packet loss, or RTT). Learn more about the [data available](#) in the Help Center.

Hangouts Meet activity logs provides data to help better answer questions such as:

- Is video conferencing transforming my organization (and if so, how)?
 - Which locations communicate actively and which locations are isolated?
 - How many minutes of video conference (VC) are run every day/week for different groups of people?
 - Does Meet help my organization work remotely?
 - Analyze Hangouts Meet Hardware usage. How does it change over time or location?
- How is my network performing and what is the impact it has on video quality for my users?
 - How do users rate the quality of the calls on my domain? Does it vary over time or per location?
 - How much bandwidth does Meet use overall and at a specific location?

How to get started

Admins

- Meet quality tool: To use Meet quality tool you need to be a super admin or have the correct delegated admin privilege. Follow the instructions in the [Help Center](#) to learn more about Meet quality tool access delegation.
- Hangouts Meet activity log: Visit the Admin console and go to Reports > Audit > Hangouts Meet. Here, you can export the data to your favorite analytical tool (using the Activity API or BigQuery for G Suite Enterprise customers) to answer specific questions you may have.

The screenshot shows the Google BigQuery interface. On the left, there's a sidebar with 'COMPOSE QUERY' and navigation options like 'Query History', 'Job History', 'Scheduled Queries', and 'Transfers'. Below that is a 'Filter by ID or label' search box and a project dropdown set to 'Remora-test Project'. Under 'Reports', 'activity' and 'usage' are listed. Under 'Public Datasets', there's a right-pointing arrow.

The main area is titled 'New Query' and contains a SQL query:

```

1 SELECT
2   DATE(TIMESTAMP(time_usec)) as date,
3   meet.location_country as country,
4   meet.location_region as region,
5   meet.device_type as device,
6   COUNT(distinct meet.endpoint_id) as count
7 FROM
8   [link42:reports.activity]
9 WHERE
10  event_name = 'call_ended' AND
11  meet.location_region IS NOT NULL
12 GROUP BY
13  1, 2, 3, 4
  
```

Below the query are buttons for 'RUN QUERY', 'Save Query', 'Save View', 'Format Query', 'Schedule Query', and 'Show Options'.

The results are displayed in a table with columns: Row, date, country, region, device, and count. The data includes rows for various dates, countries (US, SE, IN, DE), regions (New York, Atlanta, Stockholm, Mountain View, Frankfurt am Main, Kirkland), devices (chromebox, android, chromebase, ios, web), and counts (2, 429, 1, 20, 5, 17, 53, 1, 6).

Export the data using BigQuery

End users: No end user impact.

Helpful links

[Help Center: Troubleshoot meeting quality](#)

[Help Center: Hangouts Meet audit log](#)

New pricing for G Suite Basic and Business Editions

Announced on January 17th, 2019

★ Admin feature

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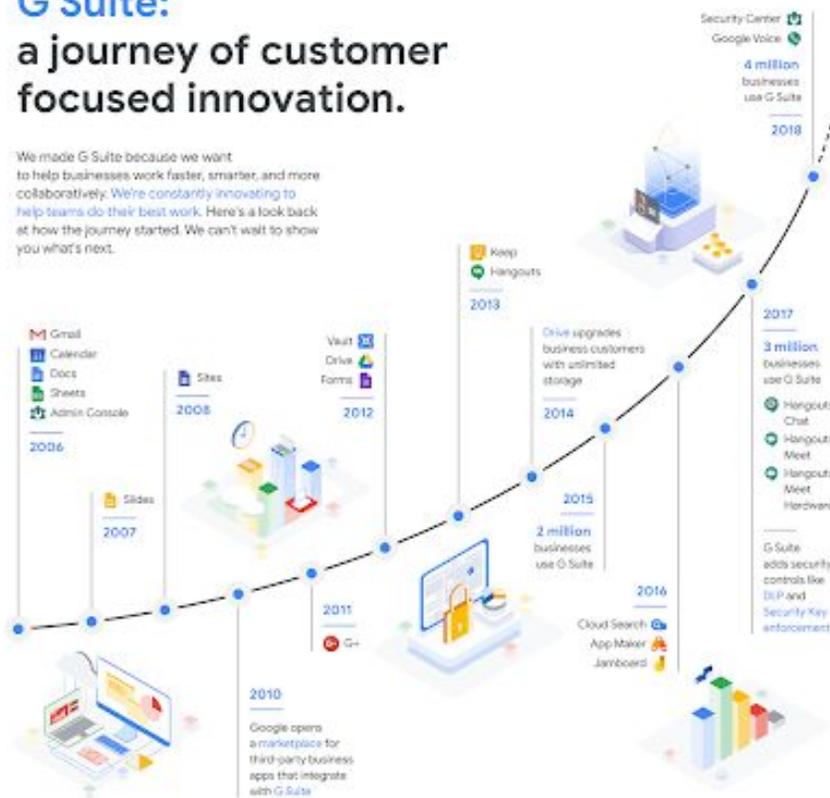
More than a decade ago, we introduced Gmail—our first cloud-native productivity app—to help make email safer and easier for everyone. Since then, we pioneered more ways for teams to collaborate in real-time with products like Google Calendar, Docs, Drive and Hangouts. Together, these apps make up [G Suite](#), our set of intelligent, secure productivity and collaboration tools.

We've brought businesses more than a dozen new G Suite services to help them reimagine how they work, including powerful [video conferencing](#) (Hangouts Meet), [secure team messaging](#) (Hangouts Chat) and enterprise-grade [search capabilities](#) (Cloud Search). We've also infused our products with advanced [artificial intelligence](#) to make it easier to [respond to emails](#), [gather insights from data](#) and [protect against phishing attacks](#) before they happen.

Today, more than four million organizations use G Suite to collaborate efficiently and securely, and analysts have taken notice. IDC's Wayne Kurtzman notes, "Google has established G Suite as a secure, enterprise-ready, AI-powered productivity and collaboration platform. With its broad set of capabilities, G Suite offers a strong value proposition to customers."

G Suite: a journey of customer focused innovation.

We made G Suite because we want to help businesses work faster, smarter, and more collaboratively. We're constantly innovating to help teams do their best work. Here's a look back at how the journey started. We can't wait to show you what's next.



- 74% of all time spent in Docs, Sheets and Slides is collaborative time
- Over 300% ROI estimated when moving to G Suite
- Zero reported or detected G Suite account hijackings after security key deployments
- Businesses can save millions from better licensing and management costs
- Organizations have moved over 20k users to G Suite in a single weekend

Over the last ten years, G Suite has grown to provide more tools, functionality and value to help businesses transform the way they work. The one thing that hasn't changed over this time, is price. Today, we are announcing two incremental list price updates to reflect this value. Starting on April 2, 2019, G Suite Basic Edition will increase by \$1 (from \$5 to \$6 per user/month) and G Suite Business Edition will increase by \$2 (from \$10 to \$12 per user/month), or the local currency equivalent where applicable. These increases will apply globally with local market adjustments for certain regions. Pricing for G Suite Enterprise Edition customers will not change.

For existing G Suite Basic or Business edition customers on the [Flexible Plan](#), the new list prices will go into effect on April 2, 2019. For customers on the [Annual Plan](#), the new prices will go into effect the first time their plan renews on or after April 2, 2019. These changes will not impact current contracts or any renewal events prior to April 2, 2019.

Additionally, for those Basic and Business Edition customers who receive their bill from Google, we'll send an email with details specific to their domains no later than February 28, 2019. Any customer that licenses G Suite through a reseller should hear from their partners directly regarding the new pricing, or they can reach out to their partners proactively.

We are grateful for the many businesses that use G Suite to empower their teams to work collaboratively, and we remain committed to expanding its functionality to help our customers succeed. Feel free to reference this [edition guide](#) to learn more about each offering.

Improving the alert center with new alerts and controls

Announced on January 8th, 2019

★ Admin feature

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What's changing

We're making some improvements to the [alert center for G Suite](#). These include:

- More Gmail phishing alerts
- New data export initiated alert
- New alert deletion option
- Link to audit logs for G Suite Business and Basic domains

Who's impacted

Admins only. To use the alert center you need to be a super admin or an alert center delegated admin.

Why you'd use it

The alert center provides a single, comprehensive view of essential security-related notifications, alerts, and actions across G Suite. The improvements will help G Suite admins get more insights and manage their alerts:

- **More Gmail phishing alerts** - Will notify you when malware or phishing is detected after an email has been delivered to user inboxes, helping you investigate and remove suspicious emails.
- **New data export initiated alert** - Will make sure you're aware of data exports in your domains.
- **Alert deletion option** - Will let you delete alerts when they've been resolved or are no longer needed.
- **Link to audit logs for G Suite Business and Basic domains** - Will go to the specific portion of audit logs to help you more quickly dig into the details of an alert and find more information on past user activities related to this alert.

How to get started

- Admins: Access the alert center at *Admin console > Menu > Security > Alert center*. Use our Help Center to [find out more about the alert center](#).
- End users: No action needed.

Additional details

More Gmail phishing alerts - We're leveraging machine learning to generate alerts on suspicious incoming mail in Gmail. The new alerts will notify admins when malware or phishing is detected after an email has been delivered to user inboxes. In these events, admins in G Suite Enterprise domains can proactively investigate the emails and if necessary, bulk remove suspicious emails from users' inbox.

New data export initiated alert - There's also a new alert when a domain data export is initiated. This alert will let admins know when a data export activity has been initiated for the domain. This alert can help make sure admins are aware of this activity in their domains. See our Help Center for [more information on domain data export alerts](#).

Alert deletion option - You can now delete alerts as they have been resolved or are no longer needed. If needed, you can recover deleted alerts within 30 days of deletion.

Link to audit logs for G Suite Business and Basic domains - To dig into the details of an alert, G Suite Business and Basic admins can use a link to go directly the specific portion of [audit logs](#) and look up more information on past user activities related to this alert. G Suite Enterprise admins have a direct link to the [investigation tool](#), which is part of the security center for G Suite.

Domain data export initiated

Alert quality feedback: Very useful

About this alert type

A super administrator of your Google account has started exporting data from this domain.

Data export typically takes 72 hours or more, depending on the size of your domain. You can see the status of the export in the Data export tool.

For more information about the Data Export tool, see [Export your organization's data](#).

To view logs of this event, go to [admin auditing](#).

INVESTIGATE ALERT

DELETE ALERT

Key details

Summary cheryl@ink-24.com has started exporting data from this domain.

Date Nov 12, 2018 14:30

Actor cheryl@ink-24.com

New domain data export initiated alert

User-reported phishing

Alert quality feedback: Very useful

About this alert type

Users reporting phishing emails indicates a potential phishing campaign in your domain. [Learn more](#)

This sender was external to your domain. To block this sender, go to [manage blocked senders](#).

To mark these messages as spam, go to the [investigation tool](#).

INVESTIGATE ALERT

DELETE ALERT

Key details

Summary cheryl@ink-24.com sent 103 messages that were reported as phishing by users in your domain. There were 218 recipients.

Date 2018-12-11T00:00:00-0800

Sender cheryl@ink-24.com

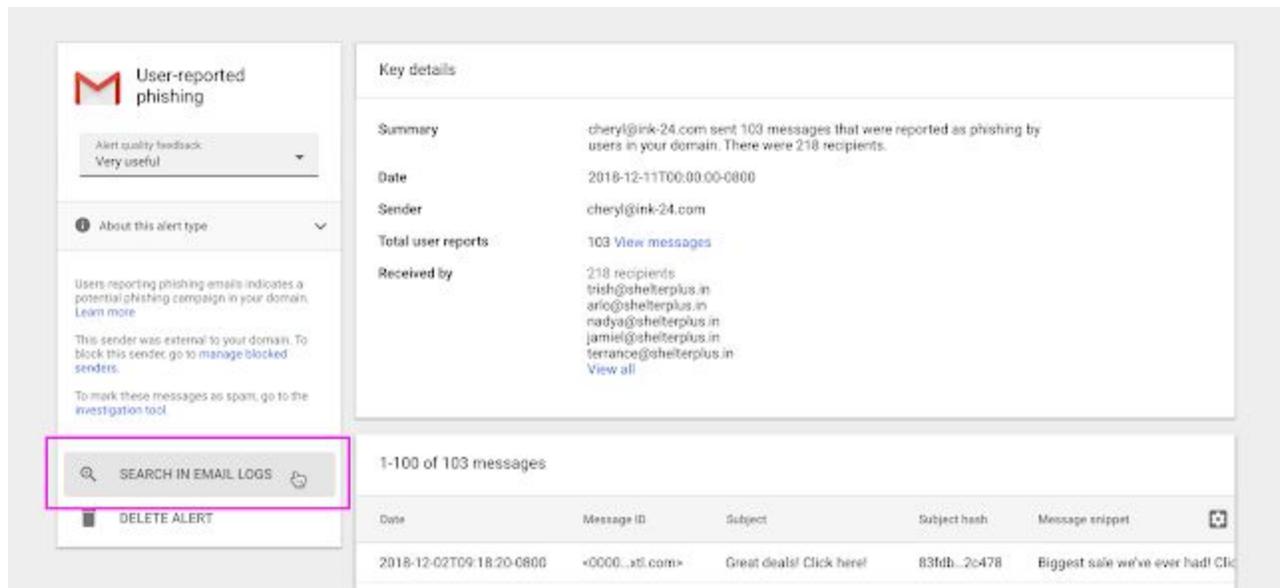
Total user reports 103 [View messages](#)

Received by 218 recipients
 trish@shelterplus.in
 aric@shelterplus.in
 nadya@shelterplus.in
 jamiel@shelterplus.in
 terrance@shelterplus.in
[View all](#)

1-100 of 103 messages

Date	Message ID	Subject	Subject hash	Message snippet	
2018-12-02T09:18:20-0800	<0000...xtl.com>	Great deals! Click here!	83fdb...2c478	Biggest sale we've ever had! Clic	
2018-12-02T09:18:20-0800	<0000...xtl.com>	Great deals! Click here!	83fdb...2c478	Biggest sale we've ever had! Clic	
2018-12-02T09:18:20-0800	<0000...xtl.com>	Great deals! Click here!	83fdb...2c478	Biggest sale we've ever had! Clic	
2018-12-02T09:18:20-0800	<0000...xtl.com>	Great deals! Click here!	83fdb...2c478	Biggest sale we've ever had! Clic	
2018-12-02T09:18:20-0800	<0000...xtl.com>	Great deals! Click here!	83fdb...2c478	Biggest sale we've ever had! Clic	
2018-12-02T09:18:20-0800	<0000...xtl.com>	Great deals! Click here!	83fdb...2c478	Biggest sale we've ever had! Clic	
2018-12-02T09:18:20-0800	<0000...xtl.com>	Great deals! Click here!	83fdb...2c478	Biggest sale we've ever had! Clic	
2018-12-02T09:18:20-0800	<0000...xtl.com>	Great deals! Click here!	83fdb...2c478	Biggest sale we've ever had! Clic	
2018-12-02T09:18:20-0800	<0000...xtl.com>	Great deals! Click here!	83fdb...2c478	Biggest sale we've ever had! Clic	
2018-12-02T09:18:20-0800	<0000...xtl.com>	Great deals! Click here!	83fdb...2c478	Biggest sale we've ever had! Clic	
2018-12-02T09:18:20-0800	<0000...xtl.com>	Great deals! Click here!	83fdb...2c478	Biggest sale we've ever had! Clic	
2018-12-02T09:18:20-0800	<0000...xtl.com>	Great deals! Click here!	83fdb...2c478	Biggest sale we've ever had! Clic	

New option to delete the alert



Links to audit logs

Helpful links

- [Help Center: Understand audit logs](#)
- [Help Center: About the alert center](#)
- [Help Center: Domain data export details](#)

Moving Directory settings in the Admin console

Announced on January 14th, 2019

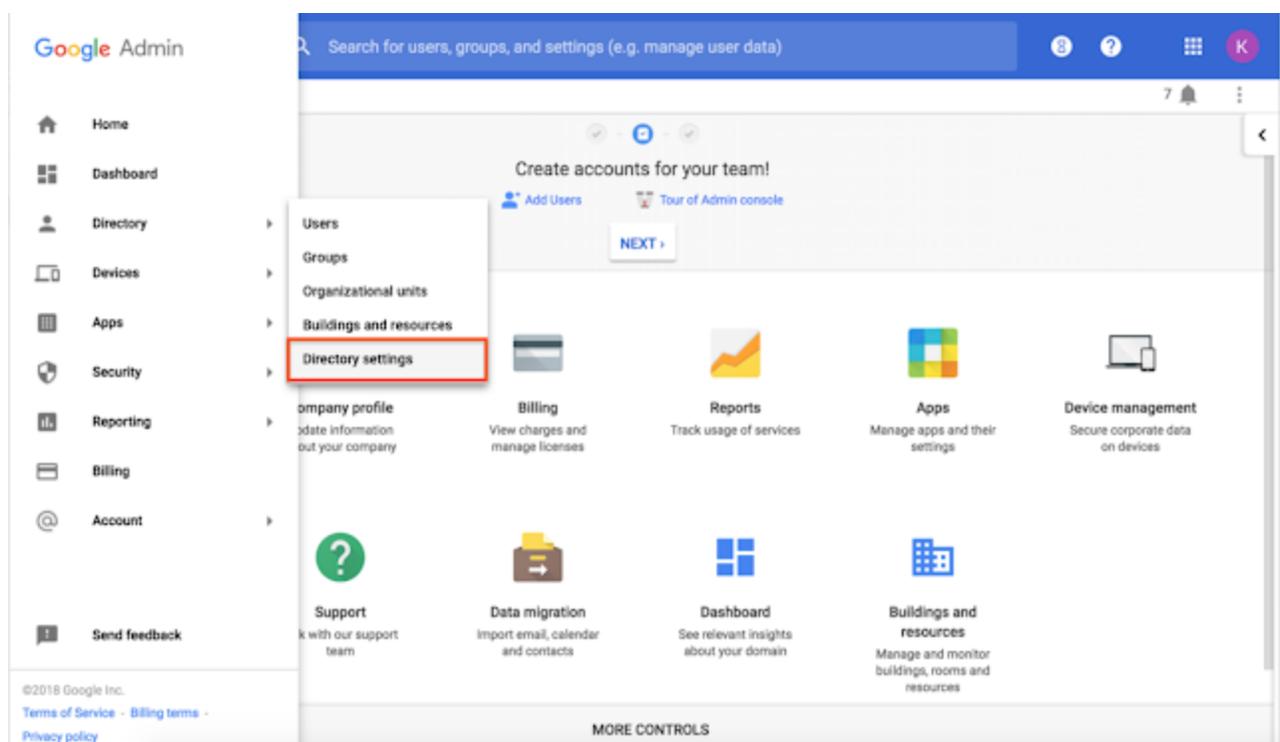
★ Admin feature

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What's changing

We're changing where you'd find the Directory settings in the G Suite Admin console from the apps screen to the Directory section of the main menu.

- You can now find the setting at: *Admin Console > Menu > Directory > Directory Settings*
- The setting was previously at: *Admin Console > Apps > G Suite > Directory*



Directory settings will now be in the Admin console's main menu

Who's impacted

Admins only

Why you'd use it

You can use Directory settings to control your organization's global Directory and how your users can use Contacts. This includes what version of Google Contacts your users can use, how your users can edit their profiles in the global Directory, configuration of custom internal directories, and more.

How to get started

- Admins: Now you can find the setting at *Admin console > Menu > Directory > Directory Settings*. Use our Help Center to see more about how to [manage Directory settings in your organization](#) or [create custom directories](#).
- End users: No end user impact.

Helpful links

[Help Center: Manage the Directory settings](#)

[Help Center: Create custom directories](#)

Five new third-party applications added to pre-integrated SAML apps catalog

Announced on January 30th, 2019

★ Admin feature

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What's changing

We're adding SAML integration for five additional applications:

- Carbonite
- ComponentSpace
- Emburse
- Sentry
- Twic

Use our Help Center to see the [full list of SAML apps](#) and find out [how to configure SAML applications](#).

Who's impacted

Admins only

Why you'd use it

With [Single-Sign-On \(SSO\)](#), users can access all of their enterprise cloud applications—including the Admin console for admins—after signing in just one time. Google supports the two most popular enterprise SSO standards, OpenID Connect and SAML, and there are already many applications with pre-integrated SSO support in our [third-party apps catalog](#).

How to get started

- Admins: You can find our full list of pre-integrated applications, as well as instructions for installing them, in the [Help Center](#).
- End users: No action needed.

Additional details

Note that apart from the pre-integrated SAML applications, G Suite also supports installing "Custom SAML Applications," which means that admins can install any third-party application that supports SAML. The advantage of a pre-integrated app is that the installation is much easier. Use our Help Center to [learn more about installing Custom SAML Applications](#).

Helpful links

[Help Center: Using SAML to set up federated SSO](#)

Automatically provision users with two additional apps

Announced on January 7th, 2019

★ Admin feature

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What's changing

We're adding auto-provisioning support for two new applications:

- monday
- Proxyclick

Who's impacted

Admins only

Why you'd use it

When auto-provisioning is enabled for a supported third-party application, any users created, modified, or deleted in G Suite are automatically added, edited, or deleted in the third-party application as well. This feature is highly popular with admins, as it removes the overhead of managing users across multiple third-party SaaS applications.

How to get started

- Admins: Use the Help Center to see [how to set up auto-provisioning](#).
- End users: No action needed.

Helpful links

[Help Center: Automated user provisioning](#)

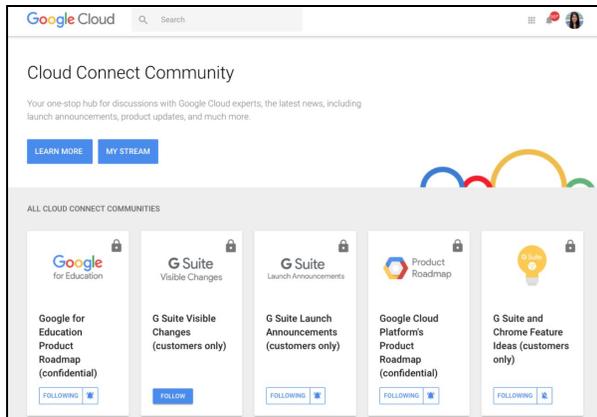
[Help Center: Using SAML to set up federated SSO](#)

Learn more about G Suite

Cloud Connect Community: The official community for G Suite admins

★ Admin resource

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Sign in today: Cloud Connect is your one stop shop for resources to make your work with G Suite easier. [Sign in today](#) to discuss best practices, ask questions, and communicate with your peers and Googlers. Don't miss out!

Follow G Suite on Social

★ Admin resource

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What's New for G Suite Admins videos

★ Admin resource

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What's new: The *What's New for G Suite Admins* videos provide a recap of all of the features we've released in the past month that are relevant to G Suite Admins, so you can watch and share them whenever you want.

How it works: Bookmark the [playlist on YouTube](#) and check back each month for updates.

Thanks for checking out our newsletter! We'd really appreciate [your thoughts](#) on how we can make this work best for you.