Introduction

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Google G Suite TC, GDE & Ambassador

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About the Speaker

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Member of the Apache Software Foundation
Release Manager for Apache SpamAssassin
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1Q 2020

STORY TIME:

Google Overlords, Pixelbook's Secret Titan Key, & Googlesplain'ing

CES Jan 2020

- No new new hardware was announced at CES!

- Google Assistant & AI
  Hey Google, Read this Page

  Hey Google, turn on the lights at 6AM

  Hey Google, Leave a Note...

CES Jan 2020 (continued)

Google Assistant & AI

    Speed Dial

    Interpreter Mode (Transcript Mode)
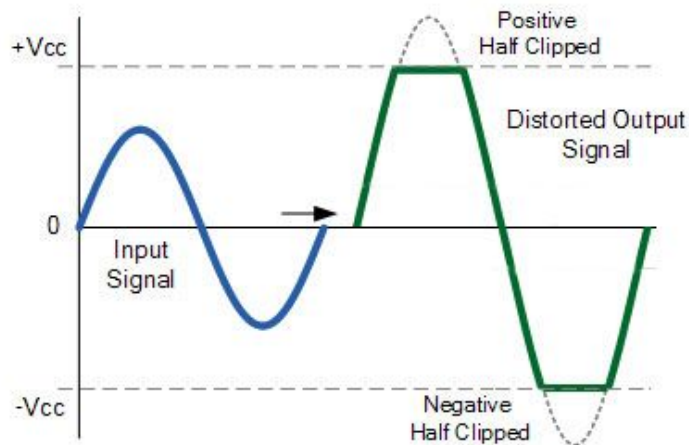
    Hey Google, that wasn't for you

Live Transcripts

Hangouts Meet w/Captions

Recorder App w/Transcriptions

Live Transcribe

Coming Next...: https://mashable.com/article/google-translate-transcription-audio/

EXPERT TIP: What is Clipping? And Whispering!

Streaming Games

- Google Stadia

Android Tablets

No more Android Tablets?

AI AI AI AI AI

Looker acquisition for 2.6B

https://www.cloudbakers.com/blog/why-cloudbakers-loves-looker-for-business-intelligence-bi

From Thomas Kurian, head of Google Cloud: "focusing on digital transformation solutions for retail, healthcare, financial services, media and entertainment, and industrial and manufacturing verticals.

He highlighted Google's strengths in AI for each vertical, such as behavioral analytics for retail, compliance for financial services, and the genomic data model for healthcare providers. " written by Liam Tung.

Google Graveyard

In Memoria

https://techcrunch.com/2020/01/07/heres-everything-google-announced-at-ces-2020/

Particularly sad about Google Cloud Print

https://killedbygoogle.com/

Elephant in the Room

Google Cloud Layoffs?

Google Cloud (10b) vs Azure (50b) vs AWS (40b)

- Planet-scale

- Reselling internal products

https://www.zdnet.com/article/google-cloud-cuts-jobs-in-restructure-despite-growth/

Focus on International Growth and AI.

More New Features

Refine your search results in Gmail with "Chips"
https://gsuiteupdates.googleblog.com/2020/02/gmail-search-chips-ga.html

Out of Office information in more Locations -
https://gsuiteupdates.googleblog.com/2020/02/greater-ooo-visibility.html

Google Meet works in Safari
https://gsuiteupdates.googleblog.com/2020/02/use-hangouts-meet-with-safari.html

And more!

Use a phone for audio in a Hangouts Meet video call
https://gsuiteupdates.googleblog.com/2020/01/use-phone-for-audio-in-hangouts-meet.html

G Suite Add-ons in GA for Calendar, Gmail and Drive
https://gsuiteupdates.googleblog.com/2020/01/gsuite-add-ons-generally-available.html

Manage Windows 10 Boxes Enhanced Security
https://gsuiteupdates.googleblog.com/2020/04/enhanced-security-windows-10-google-login.html along with Android, iOS, Chrome and Jamboard devices.

All this before March!

In April 2019, you could use an Android phone as a security key for 2-Step Verification. You can now do the same with an iPhone!
https://gsuiteupdates.googleblog.com/2020/01/iphone-security-key-google-account.html

Present to meetings using HDMI cable on Hangouts Meet hardware
https://gsuiteupdates.googleblog.com/2020/01/present-to-hangouts-meet-using-hdmi.html

        SPOILER: Present a Tab now also works!

March through August

DEMO: Present in a Tab Spoiler

https://www.youtube.com/watch?v=dQw4w9WgXcQ&t=84

https://www.youtube.com/watch?v=tl6u2NASUzU&t=66

Quiz Break

What is the name of the First all-electronic Computer?

Quiz Break

A: ENIAC

(Electronic Numerical

Integrator And Computer)

Google Groups

Groups finally got some love and attention with the New Google Groups launched in late May. They also added shared group calendars in August and an improved mobile interface! https://support.google.com/a/answer/9687393

Also, use collaborative inboxes in Groups!
https://gsuiteupdates.googleblog.com/2020/08/collaborative-inbox-labels-tags-new-groups.html

Google Docs

Preview Links in Google Docs for Web & Mobile

And you can now "fix" image locations on a page in a Doc

Autocorrect & Smart Compose in Google Docs was launched in February but has since changed to a neural AI model for better grammatical suggestions.

IN DEVELOPMENT: Leverage domain-specific data to make spelling suggestions better.

IN DEVELOPMENT: Links suggest   Help writers easily link to other files in Drive. Shows suggested Drive files using the context of the selected text to save the user the effort of manually finding the file.

Google Editors aka Docs/Sheets/Slides

Editors got a new save status next to the document name and offline indicator

HINT: Click on the document status icon to go offline.

Google Sheets can now filter and sort by text and background Color - https://gsuiteupdates.googleblog.com/2020/03/sort-and-filter-cells-by-text-or-fill.html

Google Drive

Shortcuts or Pointers in Google Drive to any file or Folder
https://gsuiteupdates.googleblog.com/2020/03/shortcuts-for-google-drive.html

Share folders from shared drives now in Beta

Apps Script is getting a New IDE featuring Monaco Cloud IDE

IN BETA: Request approvals for documents   Gives you the ability to request approvals for Drive items and lock approved versions.

Google Drive (continued)

Drive Visitor sharing enables collaboration on documents with users who don't use Google accounts by creating a lightweight authentication flow. **Just went GA on August 31.**
https://gsuiteupdates.googleblog.com/2020/08/visitor-sharing-non-google-accounts-drive-docs-3-slides.html

IN DEVELOPMENT: Metadata as a DLP condition   Configure DLP policies based on manually classified files in Drive.

For Speakers: The access checker for Slides ensures inserted video and audio is playable
https://gsuiteupdates.googleblog.com/2020/08/access-check-google-slides-audio-video.html

Google Currents

Google+ became Currents on July 6, 2020 - Intended more for discussions among your organization employees. G+ was intended to be a underlying social fabric for G Suite.

With this, there will be a single Profile Photo:
https://gsuiteupdates.googleblog.com/2020/08/profile-photo-update-admin-controls.html

Gmail

Create & Use Multiple Signatures -
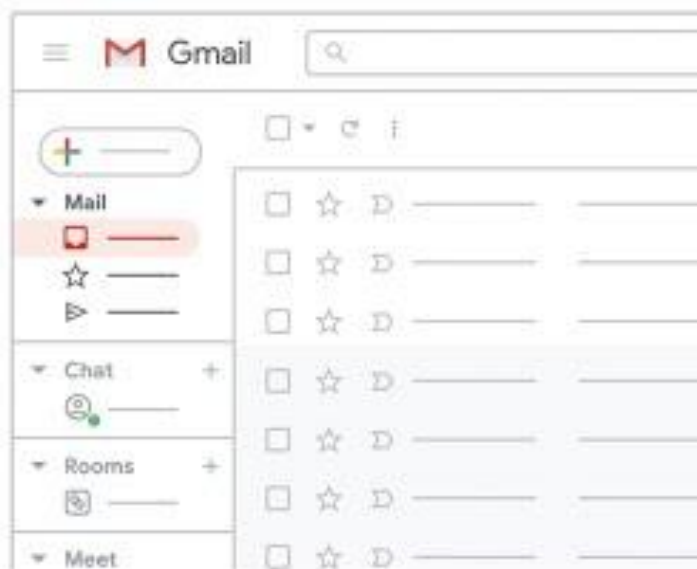https://gsuiteupdates.googleblog.com/2020/03/multiple-signatures-gmail.html

Integrated Workspace for Chat/Meet/Gmail & Rooms (plus Tasks & Keep) -
https://gsuiteupdates.googleblog.com/2020/07/coming-soon-an-integrated-workspace-in-gmail.html

Gmail now supports iPad multitasking

Google Voice

Google Voice in Gmail

Google Voice Ring Groups https://support.google.com/a/answer/9839752?hl=en

Google Voice Transfer Calls

Google Voice now Available in Canada

Use Google Voice and Google Fi on the Same Account

Google Contacts

Google Contacts has a new Trash Feature - Available for 30 days after deletion, managed from the web only but contacts deleted on mobile use the trash.

Google Chat

FINALLY!

Google Chat, you can finally add people outside your domain and create guest access rooms.

Admin Features

Improved Data Region handling for data at rest
https://gsuiteupdates.googleblog.com/2020/02/data-regions-improvements-indices-keep-groups.html

Dark Theme

The Dark Theme continues to expand now to the editors & Chat

Dark Theme helps with Low Light and Battery Usage.

Google Calendar

Calendar got a nice feature to Set the default meeting length for Google Calendar events in your domain
https://gsuiteupdates.googleblog.com/2020/07/set-default-meeting-length-for-google-calendar.html

 HINT: I recommend 20 minutes (shorter meetings got better visualization in July!)

Edit Calendar Events directly in the sidebar from Gmail and Docs

Finally, Calendar has added features to improve printing and in color
https://gsuiteupdates.googleblog.com/2020/07/full-color-support-and-more-updates-to.html

Google Sites

IN BETA: Vault for New Sites

IN DEVELOPMENT: Sites is also planning on adding Domain-created templates and Version History with the ability to rollback changes if necessary!

Google Jamboards

IN DEVELOPMENT: Jamboard is planning a number of improvements before the year end including drawing straight lines, Zoom, creating and accessing a jam while offline, Text Boxes and Shapes, and Z-ordering.

Google Meet

NOTE: Google Meet dropped Hangouts from the name. And you can use all the advanced features through September 30, 2020 like recording.

Google Meet low-light mode on Mobile

Google Meet 4x4 grid and memorizing the view - See
https://support.google.com/meet/answer/9292748

Google Meet Dial-out to an international phone number

Google Meet (continued)

IN DEVELOPMENT: Google Meet Background blur/replacement (Mobile & Desktop), Breakout Rooms, Digital Whiteboarding with Jamboard/Meet integration, hand raising, polling, and Q&A.

Present high-quality video and audio in Google Meet aka present a Chrome tab feature

Filter out sound that isn't Speech - Sad this is Enterprise only :-(

Google Meet (continued)

Hey Google for Google Meet Hardware - join and leave video meetings, dial a phone number, and more

Google Meet Casting to your TV - You can now cast Google Meet calls to your TV or smart display.
https://gsuiteupdates.googleblog.com/2020/08/cast-google-meet-to-your-tv.html

IN DEVELOPMENT - Google Meet moderator controls Give hosts more control (muting, presenting, invite-only, and more).

Already launched is now only meeting creators and calendar owners can mute or remove other participants

Graveyard News

Classic Hangouts replaced by Chat

Classic sites to be ended. NOTE: New sites is the Default on August 13, 2020 - https://gsuiteupdates.googleblog.com/2020/04/google-sites-templates-banners-family.html

Sheets data connector replaced by Connected Sheets to connect Sheets and BigQuery for up to 10 billion rows!
https://gsuiteupdates.googleblog.com/2020/06/connected-sheets-google-sheets-bigquery.html

Graveyard News (continued)

Less secure app deprecation suspended due to the Pandemic
https://gsuiteupdates.googleblog.com/2020/03/less-secure-app-turn-off-suspended.html

Google AppMaker to Shutdown on January 19, 2021

Google Cloud Print to Shutdown on December 31, 2020 (boo!)

Resources

Resources - Google Next & I/O

Google Next OnAir Announcements

https://cloud.google.com/blog/topics/google-cloud-next/complete-list-of-announcements-from-google-cloud-next20-onair

This is Google Cloud's biggest event of the year.

Google I/O is the annual developer conference: https://events.google.com/io/

Sadly, canceled for 2020.

Resources - G Suite

G Suite Updates blog: https://gsuiteupdates.googleblog.com/

Help Center goes back 6 months: https://support.google.com/a/table/7314896

Upcoming G Suite Releases:
https://support.google.com/a/table/7539891?visit_id=637345278191690490-582538673&p=upcomingreleases&rd=1

The Google Cloud Connect Community:
https://www.cloudconnectcommunity.com/

Resources - G Suite

Google Suite Visible Changes:
https://www.cloudconnectcommunity.com/ccc/ls/community/g-suite-visible-changes/

Get G Suite updates by Email:
http://feedburner.google.com/fb/a/mailverify?uri=GoogleAppsUpdates&loc=en_US

Release Calendar: https://gsuite.google.com/whatsnew/calendar/

The Welcome Center & The Power Users and Power Users Hack challenges are useful:
https://gsuiteupdates.googleblog.com/2019/12/help-your-team-get-more-out-of-g-suite.html

Resources - Google

Latest news across Google: https://blog.google/products/

Interested in SEO? https://www.searchenginejournal.com/

Interested in Hardware from Google?
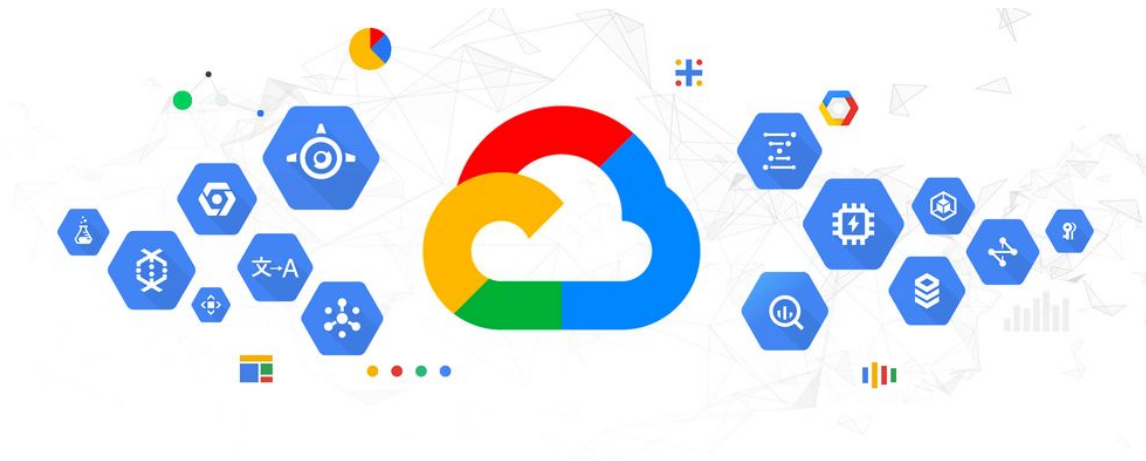https://9to5google.com/guides/made-by-google/ covers Pixel, Nest, Android, Auto, TV, Wear, Chrome, YouTube and Alphabet Topics.

Resources - Google Cloud Platform

For Google Cloud Platform, see https://cloud.google.com/blog/products/gcp

Defeating the "Hexagons of Doom"

https://github.com/gregsramblings/google-cloud-4-words

Thanks!

Slides will be on my LinkedIn & mcgrail.com/downloads

Big Thanks to Shoshana Brodman, G Suite Launch Program Manager

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    https://techcrunch.com/2020/01/07/heres-everything-google-announced-at-ces-2020/

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