

# **Let's Talk About Android (...and Google)**

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# Topics

Google Features

Print Service

Disaster Master Plan

Backup Apps

Move Authenticator

Other Apps

# **Android (OS) - from Wikipedia**

Android is a mobile operating system (OS) based on the Linux kernel and currently developed by Google. With a user interface based on direct manipulation, Android is designed primarily for touchscreen mobile devices such as smartphones and tablet computers.

# Google Features

Gmail

Android

Google Drive

Google Calendar

Google Maps

Chrome

Chromebook

Google Docs

Google Sheets

Google Slides

Chromebit

# Digital Analytics Program

## Devices used to access US Government Systems

| Platform | Share |
|----------|-------|
| Desktop  | 67.7% |
| Mobile   | 24.8% |
| Tablet   | 7.6%  |

# Chromebit = whole new kind of Chrome OS computer

- Under \$100 - plugs into your TV (HDMI)
- Smart swivel end plugs into practically any
- Rockchip RK3288 (Mali 760 graphics)
- 2GB RAM, 16GB SSS, WIFI, Bluetooth and single full-size USB 2.0 port
  - Like Intel's \$150 Compute Stick w/Windows 8.1

[http://gizmodo.com/googles-chromebit-turns-any-tv-into-a-chrome-pc-for-under-\\$100](http://gizmodo.com/googles-chromebit-turns-any-tv-into-a-chrome-pc-for-under-$100)

# Desktop Browsers

| Desktop           | Share |
|-------------------|-------|
| Internet Explorer | 41.5% |
| Chrome (est.)     | 36.2% |
| Firefox           | 16.3% |
| Safari (est.)     | 5.7%  |
| Opera             | 0.4%  |



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# 10 Things Newsletter

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with need-to-know lists of the  
top trends & tools in technology

*Get 10 Things Newsletter FREE*

*No thanks, I'm not qualified*





Mobile commerce is all about adapting quickly -  
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# Breaking Industry News

for everything mobile

*Access **Breaking** Mobile News*

*No thanks, I want my competitors to know first*

# Disaster Master Plan

“By enabling a few settings you will automatically backup all of this data to your Google account:

- Contacts, email, and calendars

- Chrome browser data

- Google Talk chat logs

- Apps and other purchased content”

# Disaster Master Plan (Cont'd)

Exceptions: Some Photos, Mail POP accounts, non-Google Play Store Apps, SMS messages, Apps requiring rooted phones, etc.

Details: Prepare your Android device for disasters with this master plan

<http://www.techrepublic.com/article/prepare-your-android-device-for-disasters-with-this-master-plan/>

# Backup Apps

Helium App Sync and Backup (Free / \$4.99)

Ultimate Backup (Free / \$2.99)

Titanium Backup (Free / \$6.58)

My Backup Pro (\$3.99)

Super Backup (Free / \$1.99)

# Backup Apps (Cont'd)

Easy Backup & Restore (Free)

GCloud Backup

Mobile Backup & Restore (Free / \$1.99 mo)

SMS Backup+ (Free)

ROM Manager (Free / \$5.99)

# Android SDK Backup

“Sometimes, a backup of a smartphone or tablet just isn't enough.... For that, you need a bit more power than Titanium Backup... or Google Drive. If you want to do full-blown backup of devices, you must turn to the Android Software Developer Kit (SDK). With this powerhouse tool, you can easily create a complete backup of a device with a single command.”

# Security

- AVG Antivirus
- Malwarebytes
- Google Authenticator

# Google Authenticator

Enable 2-step verification to protect your account from hijacking by adding another layer of security. With 2-step verification signing in will require a code generated by the Google Authenticator app in addition to your account password.



# Move Authenticator

“If you haven’t enabled **two-step authentication**, know that your Google account is at a much higher risk of being hacked.”

<http://www.techrepublic.com/article/move-google-authenticator-from-one-android-device-to-another>

# Changing Phones

## How to Upgrade to a New Android Phone and Take Everything with You

- How Backups Work in Android Lollipop
- Moving Between Non-Rooted (Stock) Phones, or From an Old Device to a New One
- Moving Between Two Rooted Phones: Use Recovery or Titanium Backup

<http://lifehacker.com/5843206/how-to-upgrade-to-a-new-android-phone-and-take-everything-with-you>

# Other Apps

Nova Launcher

Inbox

Astro File Manager (Free / \$3.99)

Commandr for Google Now

Malwarebytes

WPS Office

# Other Apps (Cont'd)

F-Droid (non-Google Play Store)

Chaos Control

MacroDroid

Waze

<http://www.techrepublic.com/blog/10-things/10-free-android-apps-that-are-worth-checking-out>

# (Google) Print Service

In order to print using the [Google Cloud Print](#) service, first connect your printer to the service. Google Cloud Print can print to either a Cloud Ready printer that can connect directly to the Internet or a classic printer that is plugged into a Windows or Mac computer with Internet access.

# Chrome Help Instructions

## On “host system” install/start Chrome

1. Turn your printer on.
2. Log in to your user account on the Windows or Mac computer.
3. Open Google Chrome.
4. Click the Chrome menu on the browser toolbar.
5. Select **Settings**.
6. Click **Show advanced settings**.
7. Scroll down to the “Google Cloud Print” section. Click **Add printers**.
8. If prompted, sign in with your Google Account.
9. Select the printers you want to connect, and then click **Add printer(s)**

# TechRepublic Productivity Tips

1. Clean out the unwanted
2. Default to Google Tools
3. Make Google Now your go-to tool
4. Find a home screen launcher that best suits your needs
5. Get the hang of copy/paste

<http://www.techrepublic.com/article/5-tips-to-help-make-android-more-productive>

# Google Docs Offline on Android

Install Google Docs & Google Sheets from Google Play Store

1. Open App (Sheets or Docs)
2. Locate File to be Used Offline
3. Tap Info Icon Associated with File (Far Right)
4. Switch Keep on this Device (Tap Slider)

<http://www.techrepublic.com/article/pro-tip-how-to-work-with-google-docs-offline-using-android>