

My Samsung Galaxy Note® 5



Craig James Johnston
Guy Hart-Davis

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My Samsung Galaxy Note® 5

Craig James Johnston
Guy Hart-Davis

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800 East 96th Street,
Indianapolis, Indiana 46240 USA

My Samsung Galaxy Note® 5

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About the Authors

Craig James Johnston has been involved with technology since his high school days at Glenwood High in Durban, South Africa, when his school was given some Apple][Europluses. From that moment, technology captivated him, and he has owned, supported, evangelized, and written about it.

Craig has been involved in designing and supporting large-scale enterprise networks with integrated email and directory services since 1989. He has held many different IT-related positions in his career, ranging from sales support engineer to mobile architect for a 40,000-smartphone infrastructure at a large bank.

In addition to designing and supporting mobile computing environments, Craig cohosts the CrackBerry.com podcast as well as guest hosting on other podcasts, including iPhone and iPad Live podcasts. You can see Craig's previously published work in his books *Professional BlackBerry*, *My iMovie*, and many books in the *My* series covering devices by Apple, BlackBerry, Palm, HTC, Motorola, Samsung, and Google.

Craig also enjoys high-horsepower, high-speed vehicles and tries very hard to keep to the speed limit while driving them.

Originally from Durban, South Africa, Craig has lived in the United Kingdom, the San Francisco Bay Area, and New Jersey, where he now lives with his wife, Karen, and a couple of cats.

Craig would love to hear from you. Feel free to contact Craig about your experiences with *My Samsung Galaxy Note 5* at <http://www.CraigsBooks.info>.

All comments, suggestions, and feedback are welcome, including positive and negative.

Guy Hart-Davis is the author of more than 100 computer books, including *Android Tips and Tricks* and *Windows 10 Tips and Tricks*.

Dedication

"I love deadlines. I like the whooshing sound they make as they fly by."
—Douglas Adams

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In this chapter, you become familiar with the external features of the Galaxy Note 5 and the basics of getting started with the Android operating system. Topics include the following:

- Getting to know your Galaxy Note 5's external features
- Getting to know your Galaxy Note 5's S Pen (stylus)
- Learning the fundamentals of Android 5.1.1 (Lollipop) and TouchWiz
- Setting up your Galaxy Note 5 for the first time
- Installing desktop synchronization software

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Getting to Know Your Galaxy Note 5

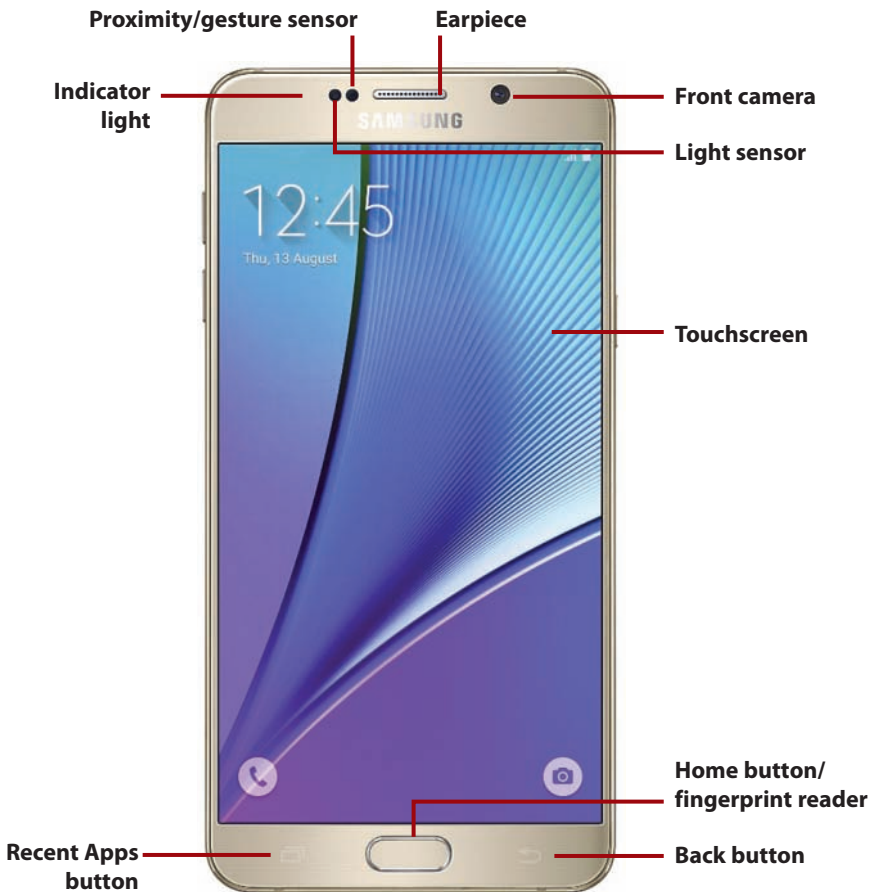
Let's start by getting to know more about your Galaxy Note 5 by examining the external features, device features, and how the Android 5.1.1 operating system works.

In addition to Android 5.1.1 (Lollipop), this chapter covers the Samsung TouchWiz interface, which is overlaid on top of Android to adjust the way things look and function.

Your Galaxy Note 5's External Features

Becoming familiar with the external features of your Galaxy Note 5 is a good place to start because you will be using them often. This section covers some of the technical specifications of your Galaxy Note 5, including the touchscreen, camera, and S Pen. There are many versions of the Samsung Galaxy Note 5, but no matter which one you own or which wireless carrier you use to connect it, the exterior, functionality, and look and feel of the interface are exactly the same.

Front



- **Proximity/gesture sensor**—Detects when you place your Galaxy Note 5 against your head to talk, which causes it to turn off the screen so that your ear doesn't inadvertently activate any onscreen items. This sensor also allows you to use gestures (in conjunction with the accelerometer). Gestures are covered later in the chapter.
- **Light sensor**—Adjusts the brightness of your Galaxy Note 5's screen based on the brightness of the ambient light.
- **Earpiece**—The part you hold against your ear while on a call.
- **Indicator light**—Indicates new events (such as missed calls, new Facebook messages, and new emails).
- **Front camera**—A 5-megapixel front-facing camera that you use for video chat, taking self-portraits, and even unlocking your Galaxy Note 5 using your face.

- **Touchscreen**—The Galaxy Note 5 has a 5.7" 1440×2560 pixel Quad HD Super AMOLED (Super Active-Matrix Organic Light-Emitting Diode) screen that incorporates capacitive touch.
- **Back button**—Tap to go back one screen when using an application or menu. This is a touch-sensitive button.
- **Recent Apps button**—Tap to see a list of apps you recently used. You can then touch to jump to them or swipe them off the screen to close them. Touch and hold to see additional options for the current screen.
- **Home button/fingerprint reader**—Press to go to the Home screen. The application that you are using continues to run in the background. Press twice to launch S Voice. Press and hold to launch Google Now. A fingerprint reader is built in to the Home button; you can read more about it in Chapter 2, "Customizing Your Galaxy Note 5." This is a physical button.

Back



- **Volume up/down buttons**—Control the audio volume on calls and while playing audio and video.
- **Power button**—Press once to wake up your Galaxy Note 5. Press and hold for one second to reveal a menu of choices. The choices enable you to put your Galaxy Note 5 into Silent mode or Airplane mode, or to power it off completely.
- **Rear camera**—Take clear pictures up close or far away with the 16-megapixel camera with autofocus and Optical Image Stabilization (OIS).
- **LED (light-emitting diode) camera flash**—Use the flash to illuminate your surroundings when you're taking pictures in low light.
- **Heart rate sensor**—While using the S Health app, place your finger over the heart rate sensor to allow S Health to detect your heart rate.

Top



Noise-canceling microphone

SIM card tray

- **SIM card tray**—Use the SIM card tray ejection tool provided in the box to eject the SIM card tray and insert a new or replacement SIM card.
- **Noise-canceling microphone**—Use in conjunction with the regular microphone to reduce background noise during phone calls. This microphone is also used when you record videos.

Bottom



3.5mm
headphone jack

Speaker

S Pen (Stylus)

Micro USB 2
port

- **Micro USB 2 port**—You can use the Micro USB 2 port to synchronize your Galaxy Note 5 to your desktop computer and charge it.

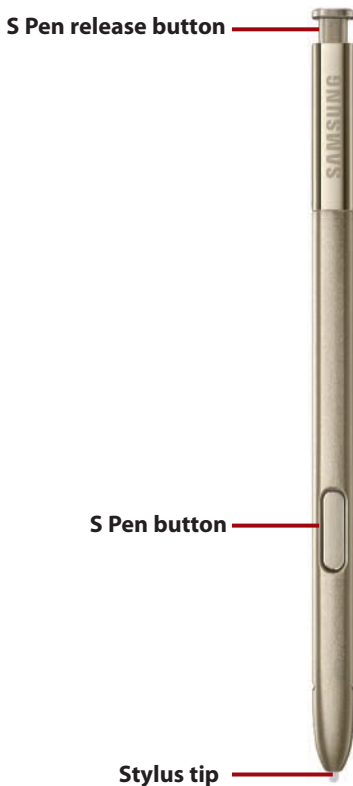
- **Microphone**—You use the microphones when you are on a call and holding your Galaxy Note 5 to your ear.
- **Speaker**—The speaker is used to play all audio and when you use the speakerphone function for phone calls.
- **S Pen (Stylus)**—Press the S Pen to reveal a pull-out grip, and then pull the S Pen out of its holder to draw on the screen and interact with apps. Read more about the S Pen in the next section.

S Pen

Your Samsung Galaxy Note 5 comes with a stylus, which Samsung calls the S Pen. The S Pen is stored in the Galaxy Note 5 on the right side, and you pull it out from the lower right. This section covers some of the S Pen's features and functions.

Getting to Know the S Pen

Let's take a look at the S Pen itself and learn about its features.

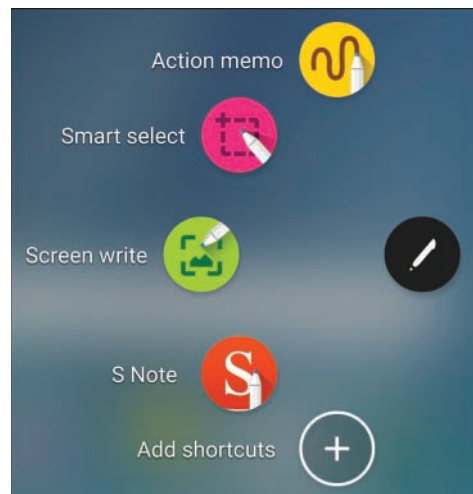


- **Stylus tip**—The S Pen stylus tip is what makes contact with the screen as you write and draw. The stylus tip is pressure sensitive, so it knows how hard or soft you are pressing. This is particularly useful for drawing because pressure translates into line thickness.
- **S Pen release button**—The release button enables you to easily remove and replace the S Pen. When the S Pen is in your Note 5, press the release button and then pull out the S Pen. When you re-insert the S Pen into your Note 5, press the release button again.
- **S Pen button**—The S Pen button adds extra functionality to the S Pen. When you press the button as you drag the pen on the screen, you can perform functions, such as moving between screens, taking screenshots, and even cutting out parts of any screen.

Air Command

When you remove your S Pen, Air Command is the first thing that pops up. Air Command gives you quick access to useful S Pen functionality. You can also access Air Command any time by hovering your S Pen over the screen and pressing the S Pen button or by tapping the pencil icon.

- **Action Memo**—Write a note and tell your Note 5 to take action on what you write. For example, write a phone number and tell Action Memo to dial that number.



- **Smart Select**— Capture a part of the screen by drawing around the area you want to capture. You can then write on the captured image, save the captured area of the screen to the Scrapbook or Gallery apps, or share the captured image.
- **Screen Write**— Capture the entire screen and then write on the image of the captured screen. You can then save the image to the Scrapbook or Gallery apps, or share it.

Write something first...



...and then tap More...

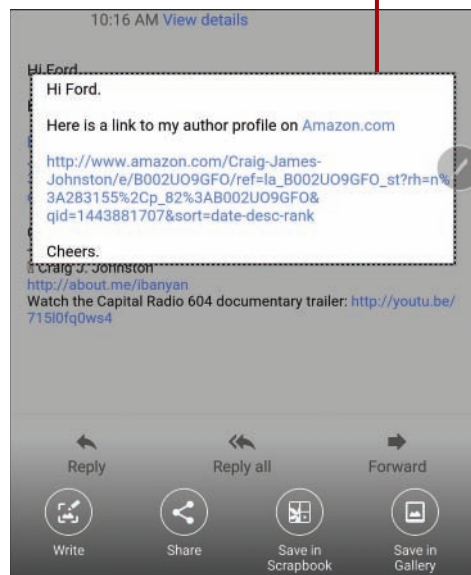


...and then tap Link to Action...

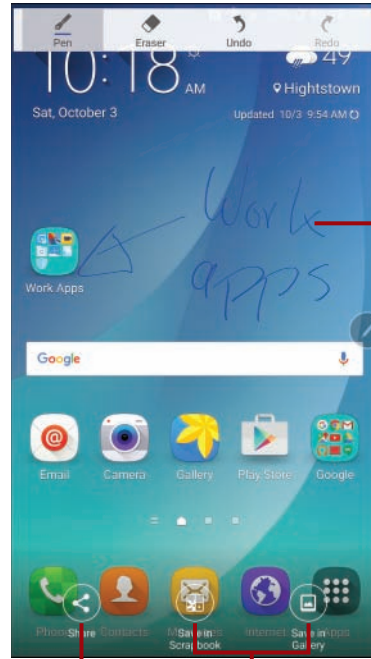


...and finish by choosing an action.

Draw around an area on the screen.



- **S Note**—S Note is a full-featured note-taking app. You can create notes that contain your handwriting or text (or both). You can insert voice notes, videos, and photos into your notes.

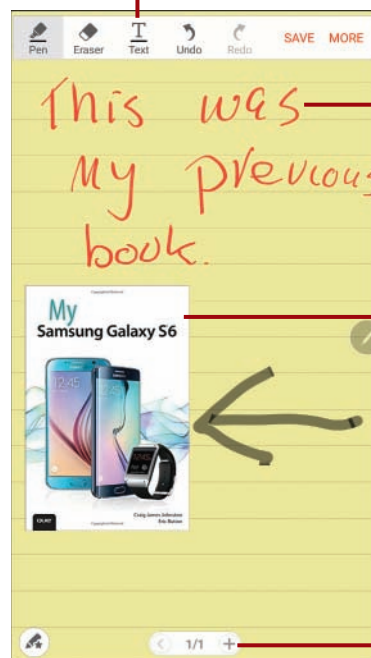


Draw on the captured screenshot.

Tap to share.

Tap to save.

Type text.



Write with your S Pen.

Insert images.

Add pages to your note.

Take a Note on the Lock Screen

S Note has a feature that enables you to write a note directly on your Note 5's Lock screen, so you can take a note without first having to unlock your Note 5 and launch the S Note app. To take a note while your Note 5 is locked, simply remove the S Pen and start writing.



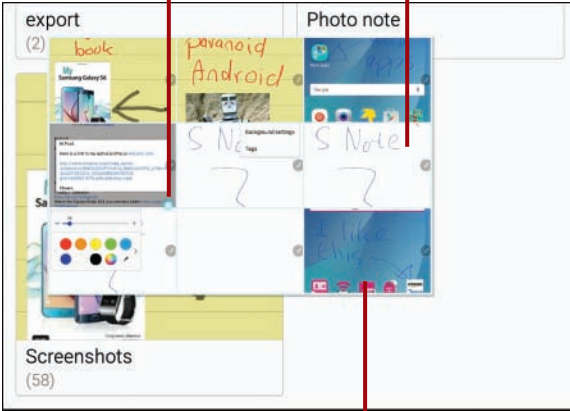
Air View

Air View is a feature that shows you a preview of information about an object and enables you to interact with it when you hover the S Pen or your finger near the screen over an object that is Air View enabled. Make sure that Air View is turned on in Settings before you try to use it. Refer to Chapter 2 to see how to turn on Air View and customize how it works. This section shows you some examples of using Air View.

**Hover over an album
in the Gallery app.**

**Album preview
is shown.**

**Information about
the icon is shown.**



**Touch a picture or
video to open it.**



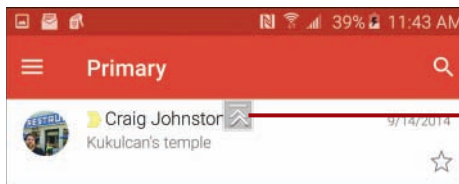
**Hover over an
icon.**

Air View Is Not Always Available

Apps must be specifically written to support Air View. For example, Samsung has rewritten the Gallery app to support Air View; however, the Photos app, which Google has moved to, does not support Air View.

Scrolling Using the S Pen

You can scroll up and down by hovering your S Pen at the top or bottom of an area of the screen that scrolls, such as a message list. For this gesture, you must not press the S Pen button on the screen—just hover at the top or bottom of the scroll area. You see an arrow indicating that the scrolling gesture has been recognized.



**Hover to
scroll up.**

Gestures and Motions

Gestures and motions allow you to quickly use certain functions or features by making hand gestures or moving the Note 5 in a specific way.

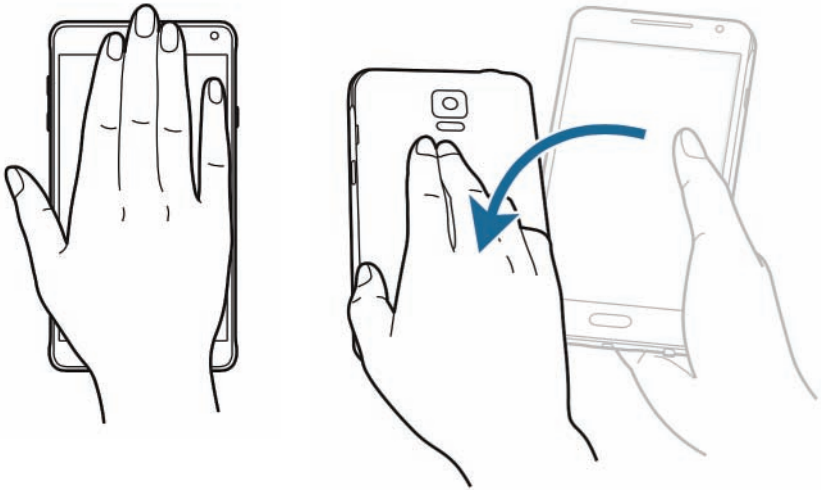
- **Direct Call**—While you are looking at a missed call, reading an SMS (text message) from someone, or viewing someone's contact information, if you lift your Note 5 to your ear and hold it there, the phone number being viewed will be dialed.



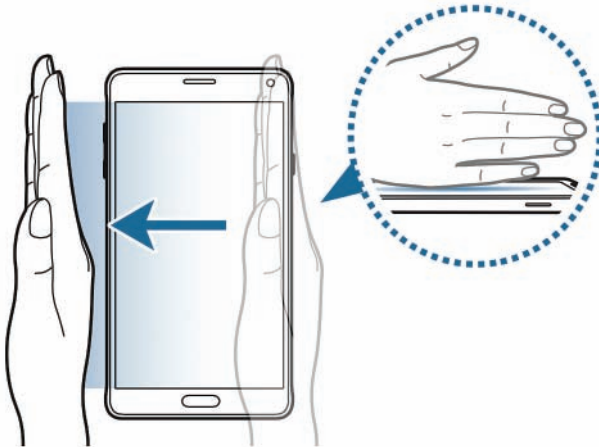
- **Smart Alert**—If you have missed calls or messages, when you pick up your Note 5 from a flat surface, it vibrates.



- **Mute**—To mute incoming calls and alarms, either place your hand over the screen or turn your Note 5 over.



- **Palm Swipe to Capture**—You can capture a screenshot by holding your palm perpendicular to the screen, touching it on the screen and swiping it from left to right or right to left. The captured screenshot goes to the Screenshots album, which you can view using the Gallery or Photos app.



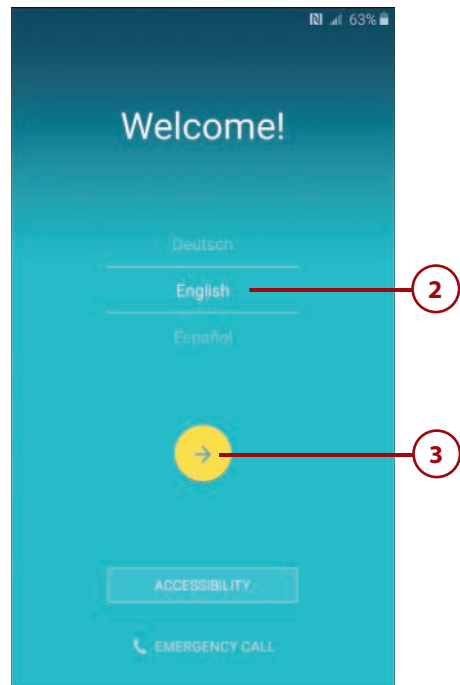
First-Time Setup

Before setting up your new Samsung Galaxy Note 5, you should have a Google account because your Galaxy Note 5 running Android is tightly integrated with Google. When you have a Google account, you can store your content in the Google cloud, including any books and music you buy or movies you rent. If you do not already have a Google account, go to <https://accounts.google.com> on your desktop computer and sign up for one.

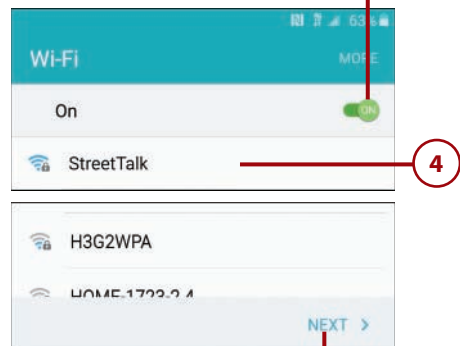
1. Press and hold the Power button until you see the animation start playing.
2. Scroll up and down to change your language if needed.
3. Tap the right arrow to continue.
4. Tap a Wi-Fi network you want to connect to during setup. If you'd rather not connect to a Wi-Fi network, tap Next and continue at step 8.

Why Use Wi-Fi During Setup?

As you go through the first-time setup of your Note 5, you might want to restore a backup of a previous device to your Note 5, and at the end of the device setup, a number of apps might need to be updated. Both of these activities can use a lot of data. Using Wi-Fi speeds up these activities as well as saves you the cost of the cellular data charges. Therefore, although you do not have to connect to a Wi-Fi network for device setup, it is advisable.

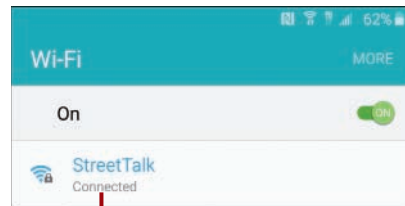
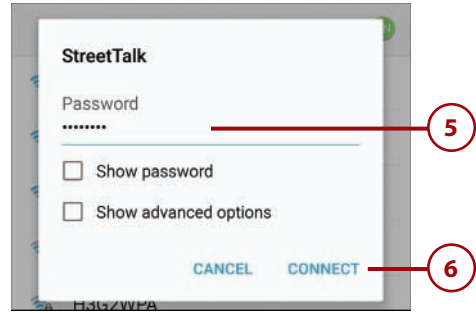


Tap to turn Wi-Fi on if it is not already on.



Tap to skip and use cellular data.

5. Enter the password for the Wi-Fi network using the onscreen keyboard.
6. Tap Connect. Your Galaxy Note 5 connects to the Wi-Fi network.
7. Tap Next.



Indicates that you are connected to the network.

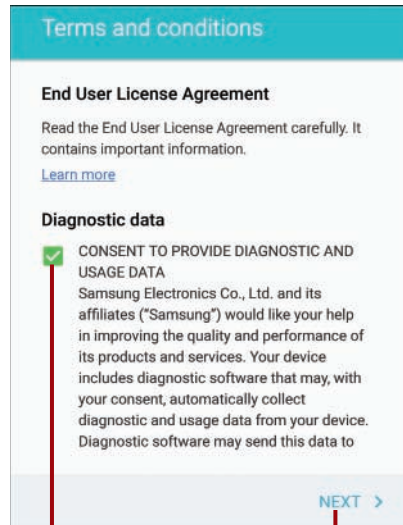


>>> Go Further

SMART NETWORK SWITCH

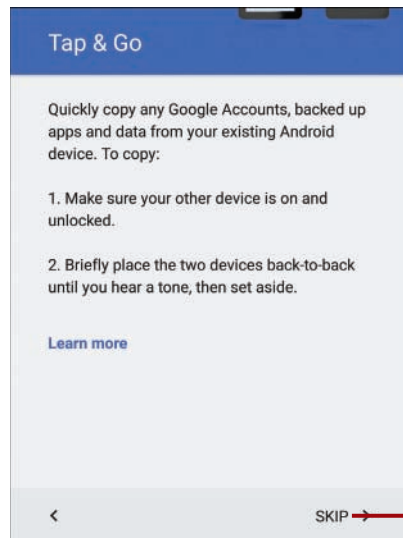
Smart network switch is a feature that, once enabled, allows your Note 5 to seamlessly switch between the two Wi-Fi bands (2.4GHz and 5GHz) and cellular data to maintain a stable Internet connection. Your Note 5 constantly analyzes its connection to the Internet and switches between Wi-Fi networks operating on 2.4GHz and 5GHz to provide the best connection, and if the Wi-Fi connectivity becomes poor, it switches to the cellular data network. Bear in mind that with this option enabled you might start seeing higher cellular data usage, especially in areas where Wi-Fi is unstable, slow, or overcrowded. To enable Smart Network Switch, before you continue with step 7, tap More, and tap Smart Network Switch to enable it.

8. Tap to check the box to give Samsung consent to collect diagnostic and usage data from your Note 5.
9. Tap Next after you have read and understood the End User License Agreement (EULA).
10. If you have another Android device (phone or smartphone) running Android 5.0 (Lollipop) or later and you want to transfer the data from it to your Note 5, follow the instructions on this screen, or tap Skip to continue.



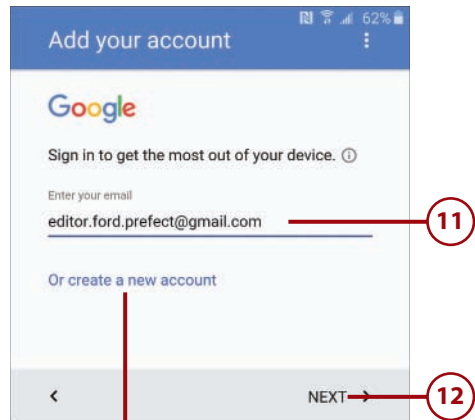
8

9

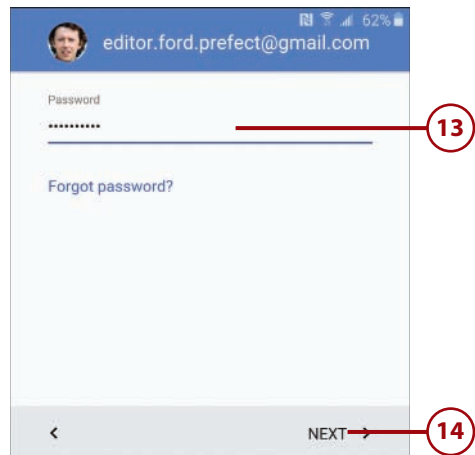


10

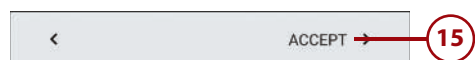
11. Enter your Google account email address (your Gmail address).
12. Tap Next.
13. Enter your Google account password.
14. Tap Next.
15. Tap Accept if you understand and accept the Google Terms of Service and Privacy Policy.



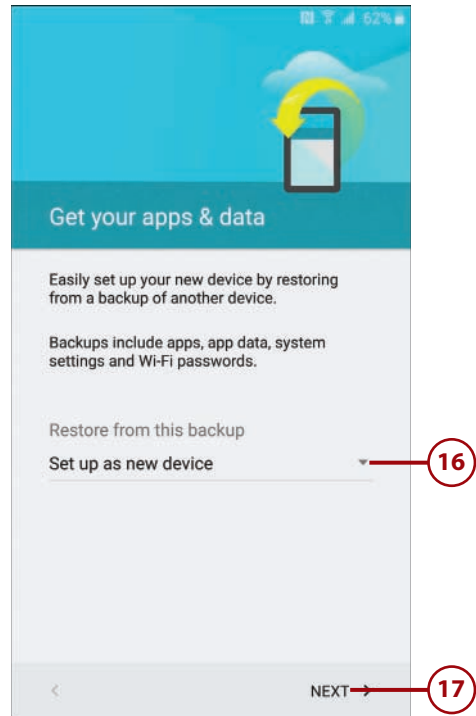
Tap to create a new Google account.



Tap to read the terms of service and privacy policy.

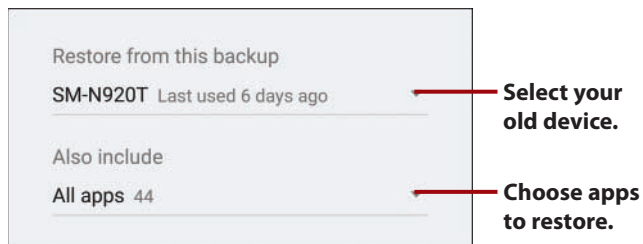


16. Tap Set Up as New Device if you are not restoring from a back of another device.
17. Tap Next to continue setting up your Note 5 as a new device.

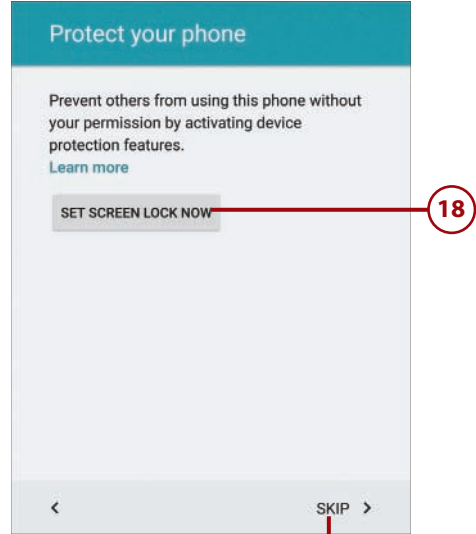


Beware of the Restore

If you are switching from a non-Samsung Android device to your new Galaxy Note 5, be careful when restoring apps and data from your previous device. If you decide to restore your apps and data in step 16, make sure that you first unselect some of the core Android apps such as Calendar and Contacts because Samsung has rewritten many of the core Android apps to support special Samsung features like the S Pen and to have a different look and feel. If you don't unselect these apps, you might end up with duplicate apps.

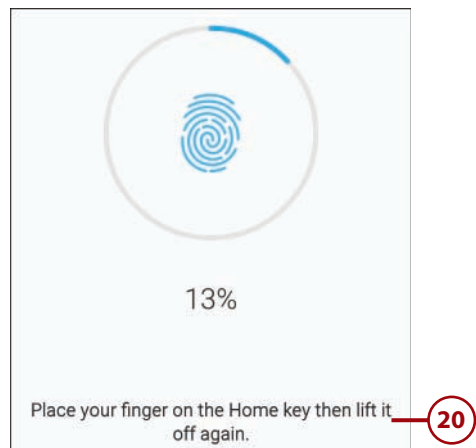
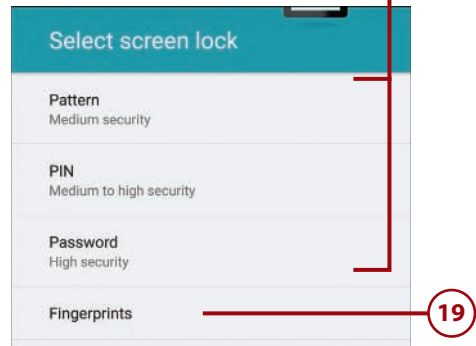


18. Tap Set Screen Lock Now to choose a method for securing your Note 5. If you decide not to secure your Note 5, skip to step 23.
19. Tap Fingerprints. The fingerprint method of securing your Note 5 is used in this example because it is by far the easiest and most secure method for securing your device.
20. Follow the on-screen instructions for capturing your fingerprint. This involves lightly placing your thumb or finger on the Home button and then lifting it when you see the percentage on the screen increase. You repeat this process until the percentage reaches 100%.

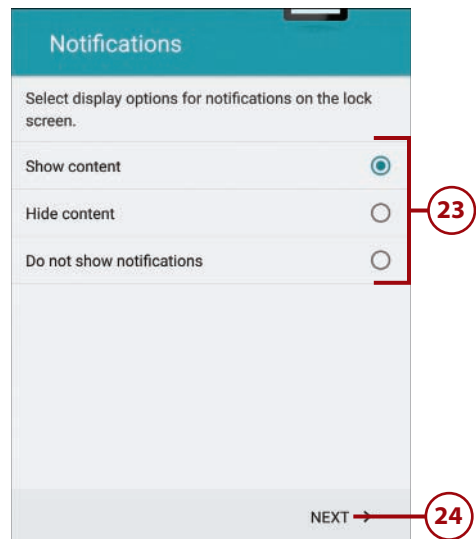
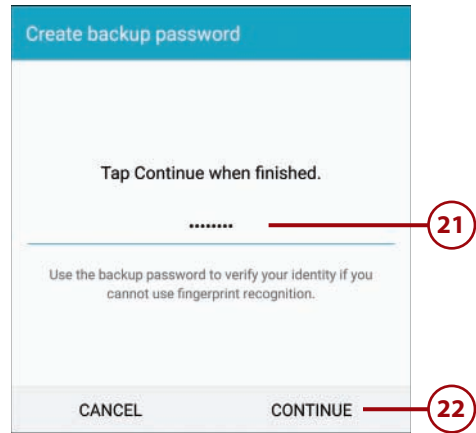


Tap to skip this step.

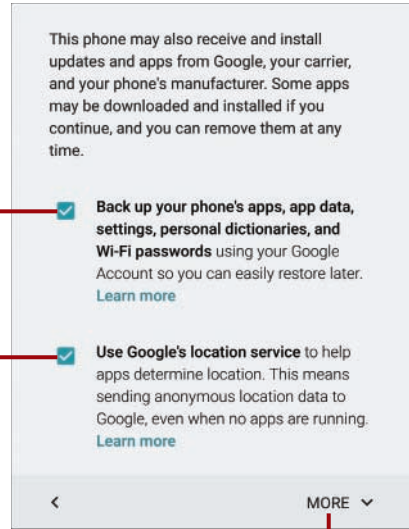
Use other screen lock methods.



21. Enter a password that you can use if your Note 5 is unable to read your fingerprint.
22. Tap Continue.
23. Choose whether you want notifications and their content to appear on the Lock screen. You can select Show Content to show notifications and their content, Hide Content to show the notifications but not their content, or Do Not Show Notifications keep the Lock screen free of notifications.
24. Tap Next.

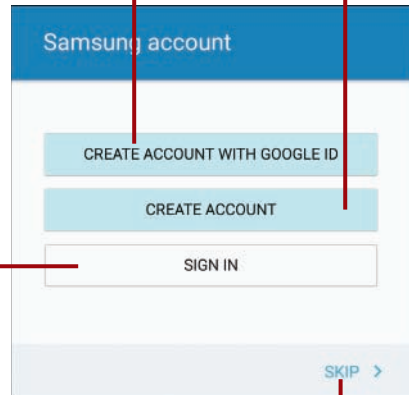


25. Check the box if you want the data on your Note 5 to be backed up to your Google account.
26. Check the box if you want to use Google's location services.
27. Tap More.
28. Tap to sign in to your Samsung account if you have one, or tap Skip and jump to step 36.



27

Create a Samsung account using your Google ID. **Create a Samsung account.**



Tap to skip.

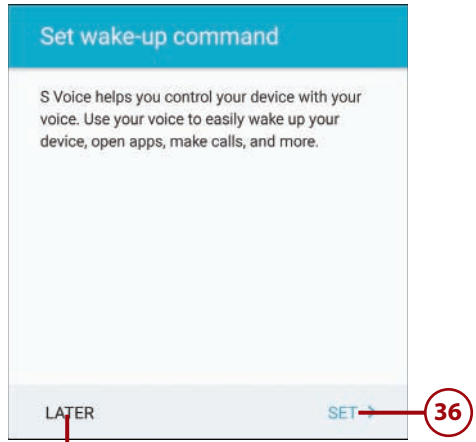
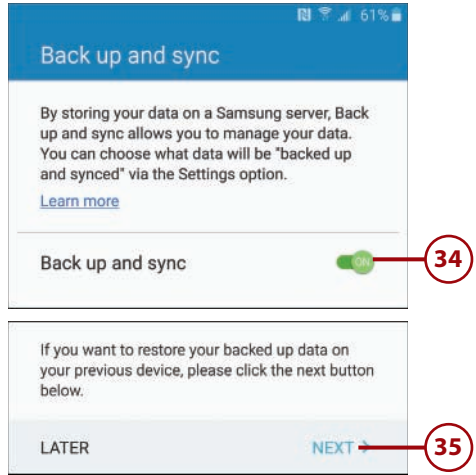
>>> Go Further

DO I NEED A SAMSUNG ACCOUNT?

Android was designed to be used with a Google account. Your Google account enables you to access the Google ecosystem of Android apps, music, movies, and books; plus, your phone's settings are backed up to the Google cloud. If you change devices, your new device reverts to the way you had your old device set up. A Samsung account does a similar thing, but it uses the Samsung ecosystem. If you would like to take advantage of the extra Samsung services on your Note 5—such as the Galaxy app store, the ability to locate your lost device, or to keep track of your S Health diet and health information—you should sign up for a Samsung account.

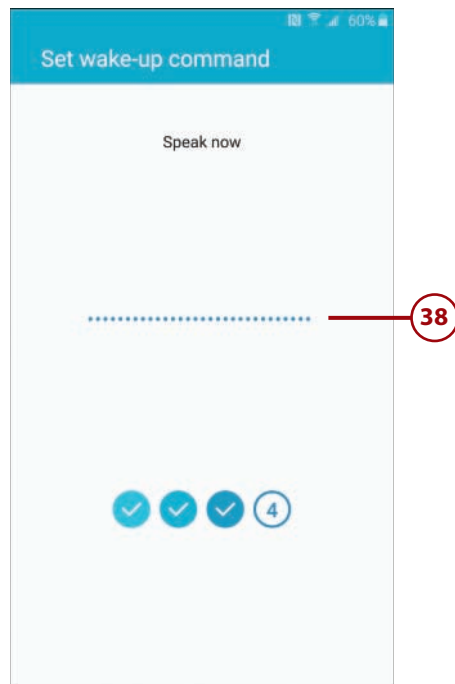
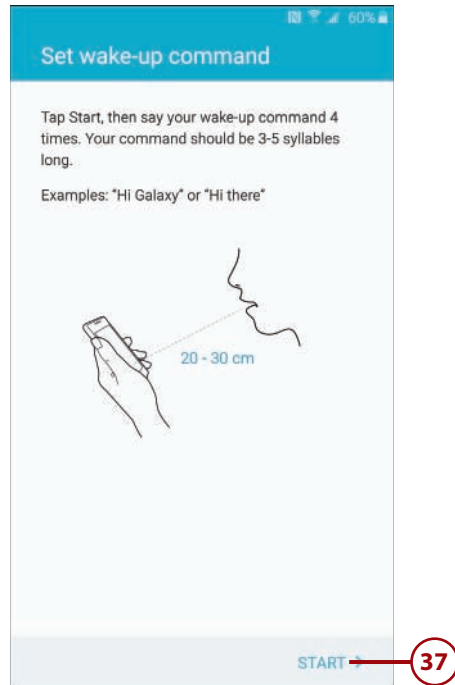
29. Enter the email address you used for your Samsung account.
30. Enter your Samsung account password.
31. Tap Sign In.
32. Check the box to enable enhanced Samsung account features. If you enable this, Samsung collects your phone number, contact list, and text messages. Samsung's enhanced features include Profile Sharing where you can see your friends' contact pictures, as long as they also have Samsung phones, and Simple Sharing that allows you to use the Contacts app to share files with friends who have Samsung phones.
33. Tap Agree if you understand and accept the Samsung terms and conditions.

34. Tap the on/off button to enable or disable automatically backing up your data to your Samsung account.
35. Tap Next.
36. Tap Set to set your wake-up command for Samsung's S Voice. When this is set, you can say your wake-up phrase (such as "Hi Galaxy") plus a command like "Call Charlie mobile" and your Note 5 performs that task for you. You can also tap Later and skip to step 40.

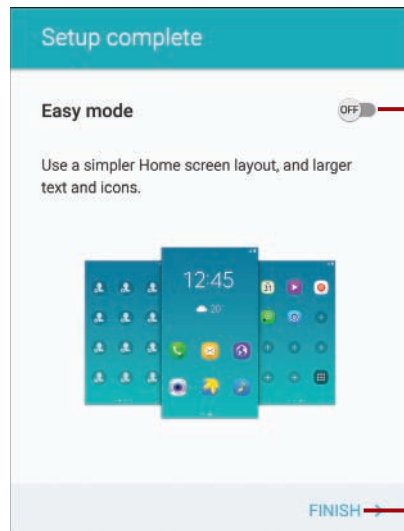
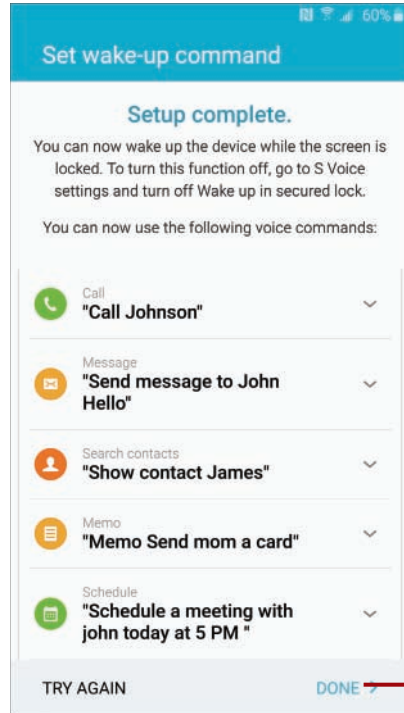


Tap to set
this up later.

37. Hold your Note 5 about 8–12 inches (20–30 cm) from your mouth and tap Start.
38. Follow the on-screen prompts that guide you to say your wake-up command four times. The screen automatically advances when you're done.



39. Tap Done after you have read some of the examples of using your voice to command your Note 5.
40. Tap the on/off switch if you want your Note 5 to use Easy mode. Easy mode uses a simplified Home screen layout, plus enlarges the text and size of the app icons. You can always disable Easy mode later if you decide it's not for you.
41. Tap Finish.



Fundamentals of Android 5.1.1 and TouchWiz

Your Galaxy Note 5 is run by an operating system called Android. Android was created by Google to run on any smartphone, and your Galaxy Note 5 uses a version called Android 5.1.1 (or Lollipop). Samsung has made many changes to this version of Android by adding extra components and modifying many standard Android features. They call this customization TouchWiz.

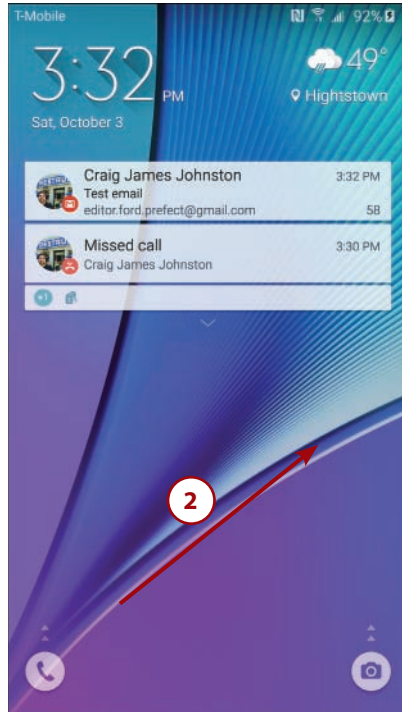
The Lock Screen

If you haven't used your Galaxy Note 5 for a while, the screen goes blank to conserve battery power. This task explains the different ways to interact with the Lock screen.

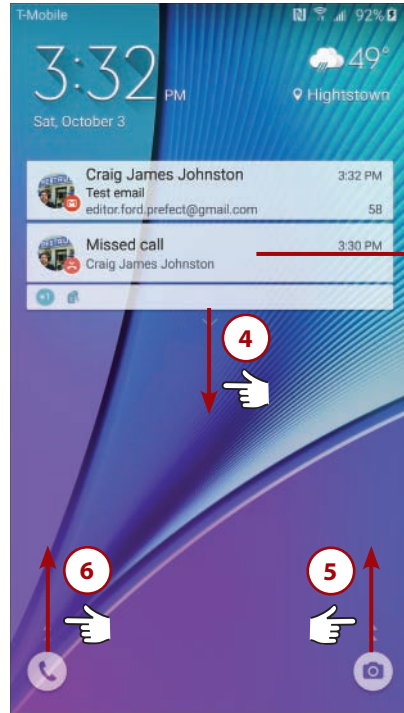
1. Press the Power button or Home button to wake up your Galaxy Note 5.
2. Swipe your finger across the screen in any direction to unlock your Galaxy Note 5. If you have set a PIN, password, or pattern lock, you need to enter or draw it to unlock your Note 5.

If You Use Your Fingerprint Always Use the Home Button

If you have chosen to unlock your Note 5 using your fingerprint, then it does not make sense to wake up your Note 5 using the Power button. Because the fingerprint reader is in the Home button, you can wake up and unlock your Note 5 in one step by pressing the Home button. If you do not want to unlock your Note 5 but just want to see what is on the Lock screen, press the Power button.

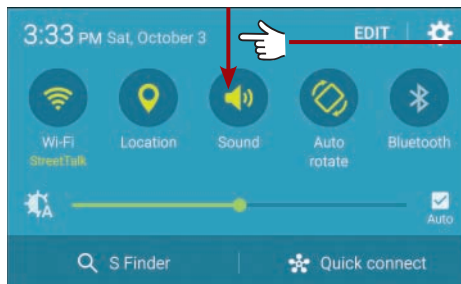


3. Tap a notification, such as the missed call and new email notifications in the figure, and then unlock your Note 5 (swipe the screen, type passcode, use fingerprint) to go directly to the app.
4. Swipe down from the down arrow to see more notifications, if there are more than two.
5. Swipe up from the Camera icon to launch the Camera app. You can launch the Camera app from the Lock screen without unlocking your Note 5.
6. Swipe up from the Phone icon to launch the Phone app. You still need to unlock your Note 5 to use the Phone app.



Working with Quick Settings on the Lock Screen

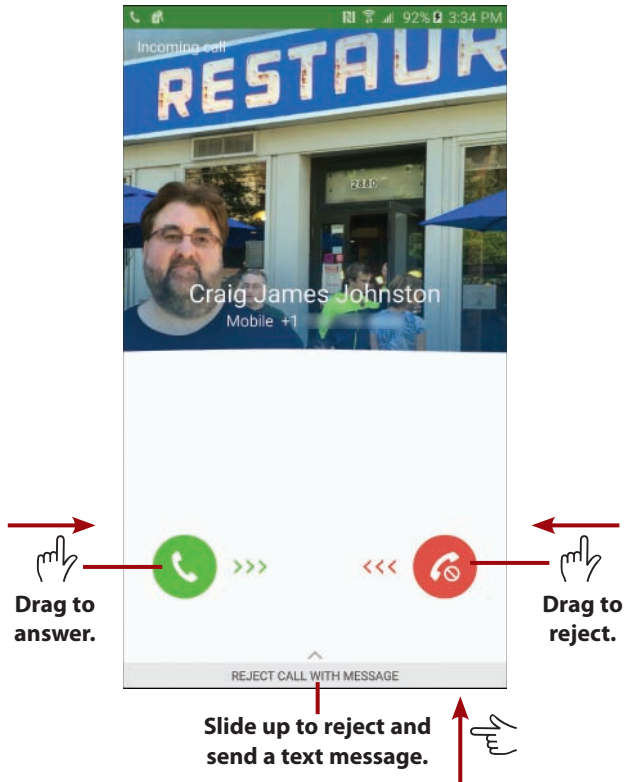
You can work with Quick Settings right on the Lock screen. Swipe down from the top of the screen to reveal the Quick Settings. Make the changes you want to make. Read more about Quick Settings later in the “Work with Notifications” section.



Swipe down to see Quick Settings.

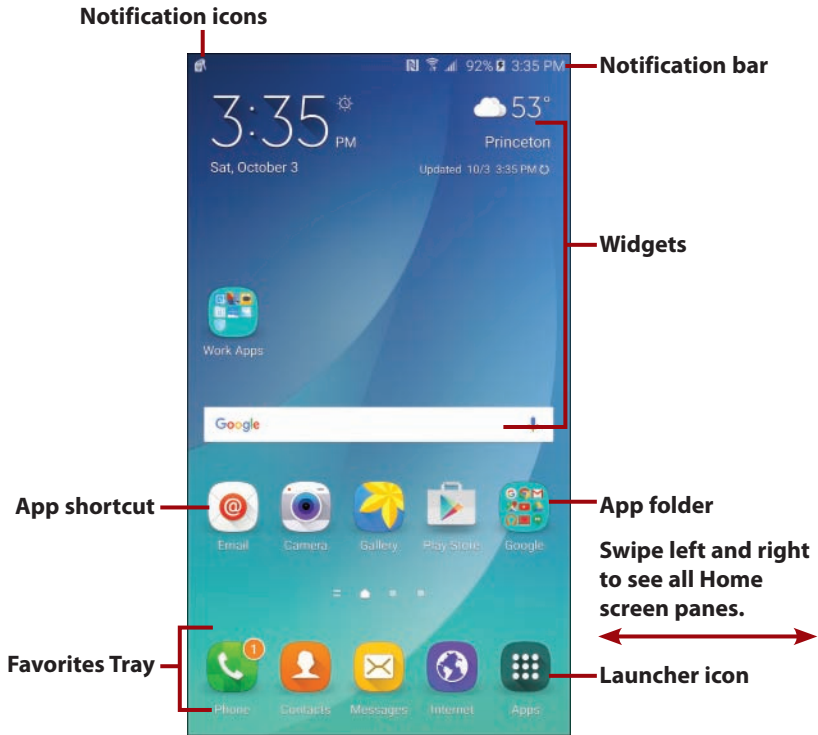
Answering a Call from the Lock Screen

If your Galaxy Note 5 is locked when a call comes in, you have three choices: Drag the green icon to answer the incoming call; drag the red icon to reject the incoming call and send it straight to voicemail; or drag up from the bottom of the screen to reject the call and send a preset text message (SMS) to the caller.



The Home Screen(s)

After you unlock your Galaxy Note 5, you are presented with the Home screen. Your Galaxy Note 5 has three Home screen panes (although you can create more). The Home screen panes contain application shortcuts, a Launcher icon, Notification bar, Shortcuts, Favorites Tray, and widgets.

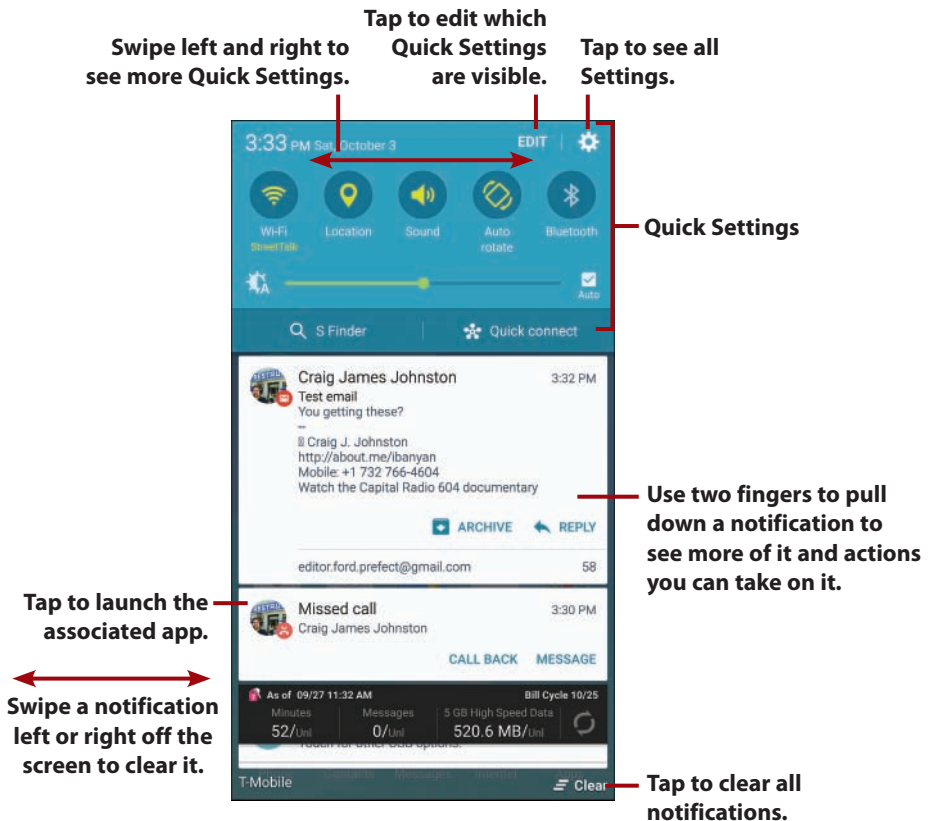


- **Notification bar**—The Notification bar shows information about Bluetooth, Wi-Fi, and cellular coverage, as well as the battery level and time. The Notification bar also serves as a place where apps can alert or notify you using notification icons.
- **Notification icons**—Notification icons appear in the Notification bar when an app needs to alert or notify you of something. For example, the Phone app can show the Missed Calls icon, indicating that you missed a call.
- **Widgets**—Widgets are mini-apps that run directly on the Home screen panes. They are specially designed to provide functionality and real-time information. An example of a widget is one that shows the current weather or provides a search capability. You can move and sometimes resize widgets.
- **App shortcut**—When you tap an app shortcut, the associated app launches.
- **App folders**—You can group apps in a folder as a way to organize your apps and declutter your screen.

- **Favorites Tray**—The Favorites Tray is visible on all Home screen panes. You can drag apps to the Favorites Tray so that they are available no matter which Home screen pane you are viewing. You can rearrange and remove apps in the Favorites Tray.
- **Launcher icon**—Tap to show application icons for all applications that you have installed on your Galaxy Note 5.

Work with Notifications

To interact with notifications that appear in the Notification bar, place your finger above the top of the screen and drag to pull down the Notification bar and reveal the notifications. Swipe individual notifications off the screen to the left or right to clear them one by one, or tap Clear to clear all of them at once. The Notification bar also includes Quick Settings such as the ability to turn on or off Wi-Fi or Bluetooth.

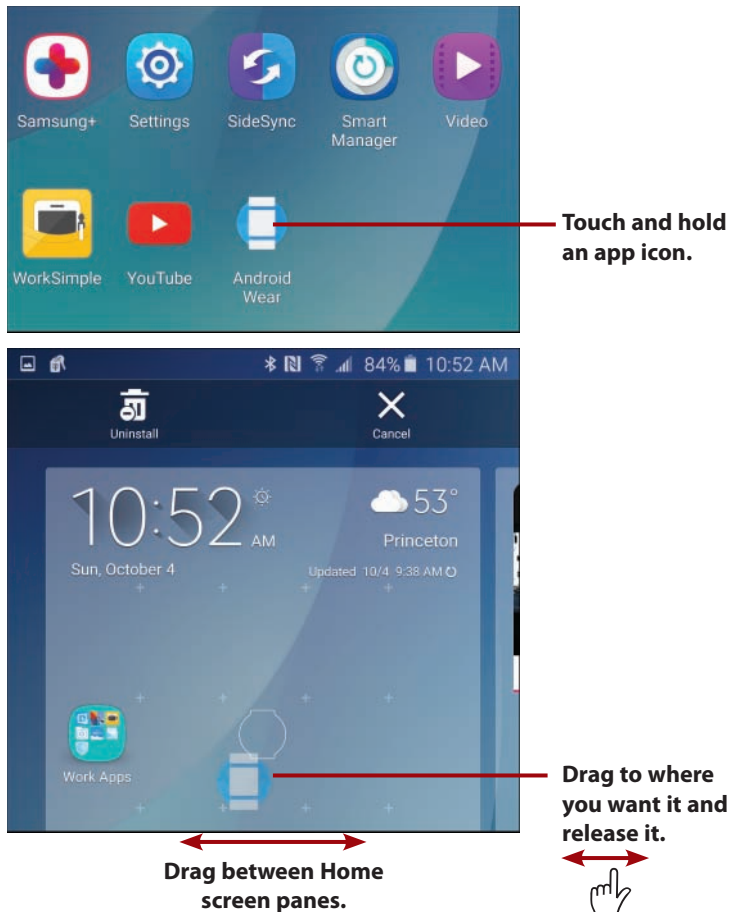


What Are Quick Settings?

Quick Settings are icons that allow quick on/off actions. Examples are turning Wi-Fi on or off and turning Bluetooth on or off. You can also change the settings for the services represented by their icons (for example Wi-Fi), by touching and holding an icon.

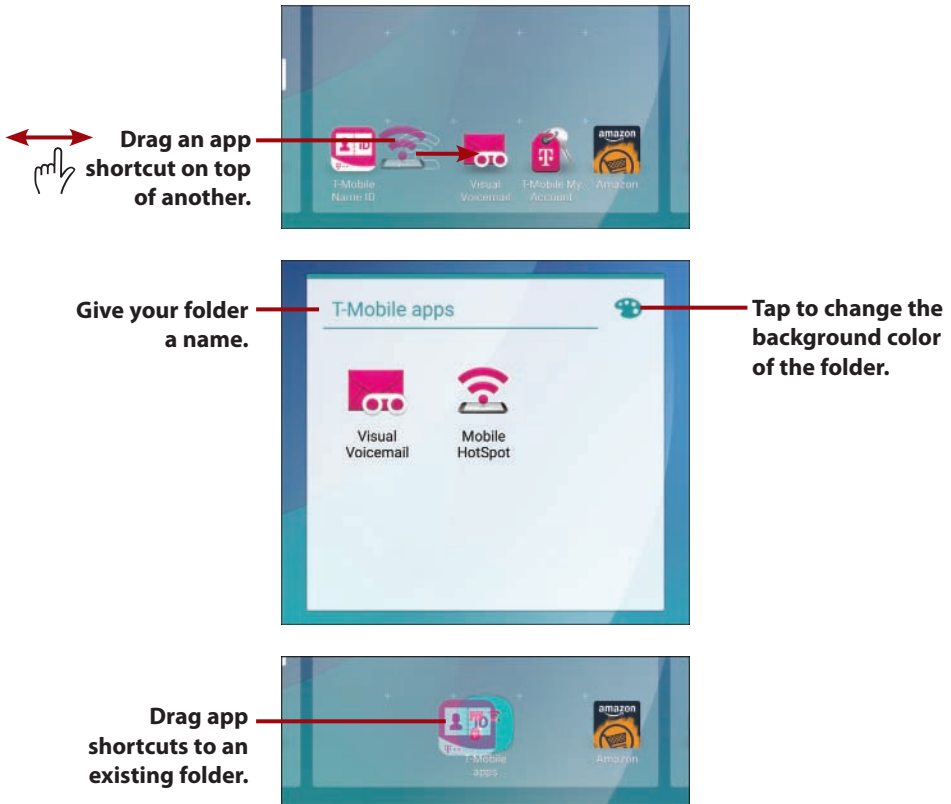
Create App Shortcuts

Tap the Launcher icon to see all of your apps. Touch and hold on the app you want to make a shortcut for. After the Home screen appears, drag the app shortcut to the location you want the shortcut to be on the Home screen, drag it to an app folder, or drag it left or right off the screen to move between Home screen panes. Release the icon to place it.



Create App Folders

To create a new app folder, drag one icon on top of another. After you give your app folder a name, the folder displays on your Home screen. Now you can drag other app shortcuts into that folder. To open the folder, tap it to reveal the shortcuts in that folder.



Remove an App Shortcut and Add a New Home Screen Pane

To remove an app shortcut, touch and hold the app shortcut icon, and then drag it to the trash can icon (labeled Remove). To create a new Home screen pane, touch and hold an app shortcut icon, drag it all the way to the right-most pane, and then release it. A new Home screen pane is created and your app shortcut icon is placed on it.

Use the Touchscreen

You interact with your Galaxy Note 5 mostly by touching the screen, which is known as making gestures on the screen. You can tap, swipe, pinch, touch and hold, double-tap, and type.



- **Tap**—To start an application, tap its icon. Tap a menu item to select it. Tap the letters of the onscreen keyboard to type.



- **Touch and hold**—Touch and hold to interact with an object. For example, if you touch and hold a blank area of the Home screen, a menu pops up. If you touch and hold an icon, you can reposition it with your finger.



- **Drag**—Dragging always starts with a touch and hold. For example, if you touch the Notification bar, you can drag it down to read all of the notification messages.



- **Swipe or slide**—Move your finger across the screen quickly to scroll the contents of the screen. Be careful not to touch and hold before you swipe or you will reposition something. You can also swipe to clear notifications or close apps when viewing the recent apps.



- **Double-tap**—Double-tapping is like double-clicking a mouse on a desktop computer. Tap the screen twice in quick succession. For example, you can double-tap a web page to zoom in to part of that page.



- **Pinch**—Zoom in and out of images and pages by placing your thumb and forefinger on the screen. Pinch them together to zoom out or spread them apart (unpinch) to zoom in. Applications such as Browser, Gallery, and Maps support pinching.

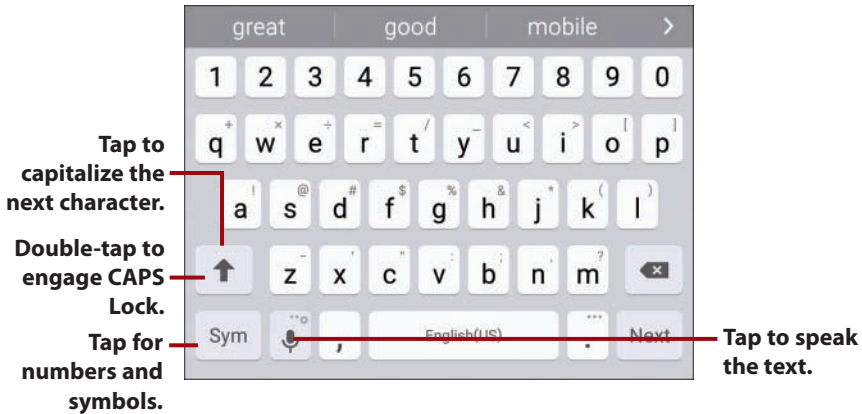


- **Rotate the screen**—If you rotate your Galaxy Note 5 from an upright position to being on its left or right side, the screen switches from Portrait view to Landscape view. Most applications honor the screen orientation. The Home screens and Launcher do not.

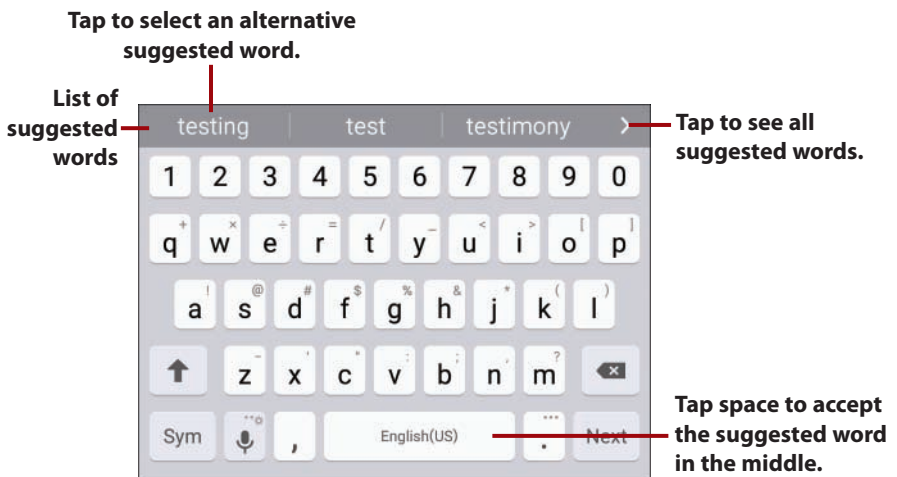
Use the Keyboard

Your Galaxy Note 5 has a virtual or onscreen keyboard for those times when you need to enter text. You might be a little wary of a keyboard that has no physical keys, but you will be pleasantly surprised at how well it works.

Most applications automatically show the keyboard when you need to enter text. If the keyboard does not appear, tap the area where you want to type and the keyboard slides up, ready for use.



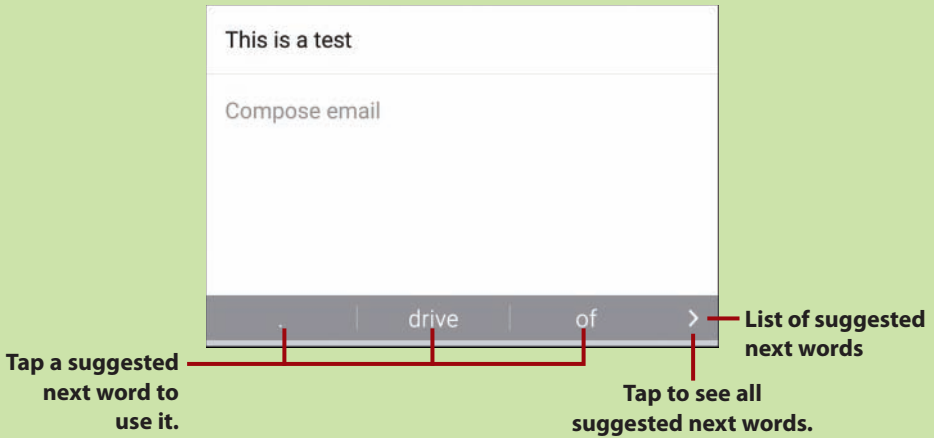
Using the virtual keyboard as you type, your Galaxy Note 5 makes word suggestions. Think of this as similar to the spell checker you would see in a word processor. Your Galaxy Note 5 uses a dictionary of words to guess what you are typing. If the word you were going to type is highlighted, tap space or period to select it. If you can see the word in the list but it is not highlighted, tap the word to select it.



>>>Go Further

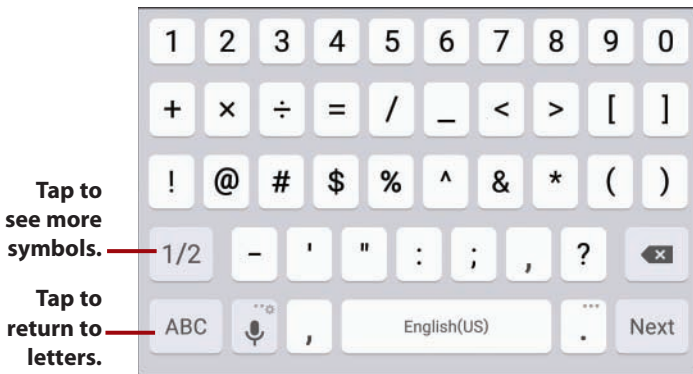
NEXT WORD SUGGESTION

When you are between typing words, the keyboard tries to predict the next word you want to type. (In this example I typed “This is a test”; the keyboard is suggesting that the most obvious word I want to type next is “drive,” but it is also showing that I might want to type “of” or end the sentence with a period.) All you need to do is tap the correct word, and the keyboard types it for you. If the keyboard is not showing a word that you want to use, simply continue typing. The more you type, the more the keyboard learns how you write and the better it will become at suggesting the next words you are likely to type.



To make the next letter you type a capital letter, tap the Shift key. To make all letters capitals (or CAPS), double-tap the Shift key to engage CAPS Lock. Tap Shift again to disengage CAPS Lock.

To type symbols, tap the Symbols key. When on the Symbols screen, tap the 1/2 key to see extra symbols. There are two screens of symbols. Tap the ABC key to return to the regular keyboard.



Quick Access to Symbols

If you want to type commonly used symbols, touch and hold the period key. A small window opens with those common symbols. Tap a symbol to type it or tap the Sym icon to see all symbols.



To enter an accented character, touch and hold any vowel or the C, N, or S key. A small window opens, enabling you to select an accented or alternative character. Slide your finger over the accented character and lift your finger to type it.



To reveal other alternative characters, touch and hold any other letter, number, or symbol.

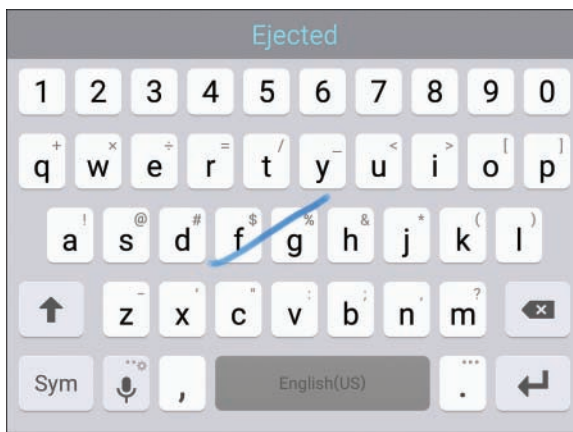
Want a Larger Keyboard?

Turn your Galaxy Note 5 sideways to switch to a landscape keyboard. The landscape keyboard has larger keys and is easier to type on.



Swipe to Type

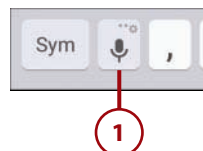
Instead of typing on the keyboard in the traditional way by tapping each letter individually, you can swipe over the letters in one continuous movement. This is called Swiftkey Flow. It is enabled by default; to use it, just start swiping your finger over the letters of the word you want to type. As you swipe, your finger is followed by a blue trail to help you see what keys your finger has passed over. Lift your finger after each word. No need to worry about spaces because your Galaxy Note 5 adds them for you. To type a double letter (as in the word *pool*), loop around that letter on the keyboard.



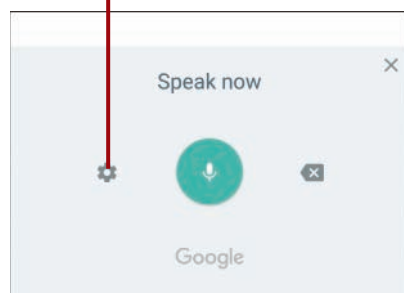
Dictation—Speak Instead of Type

Your Galaxy Note 5 can turn your voice into text. It uses Google's speech recognition service, which means you must have a connection to the cellular network or a Wi-Fi network to use it.

1. Tap the microphone key.
2. Wait until you see Speak Now and start speaking what you want to be typed. You can speak the punctuation by saying "comma," "question mark," "exclamation mark," or "exclamation point."



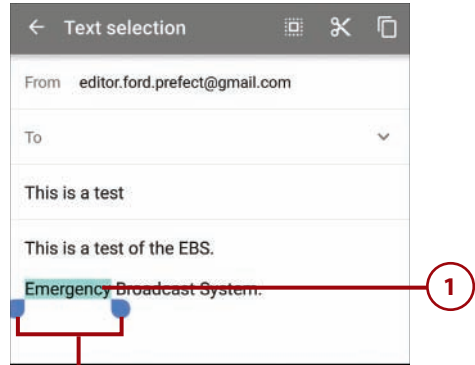
Tap to select a different dictation language.



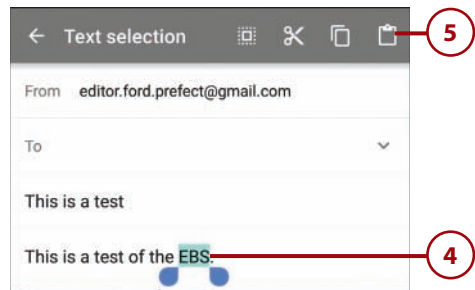
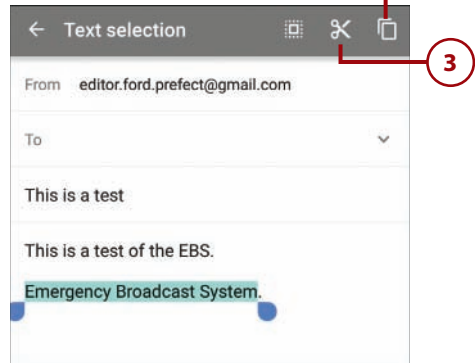
Edit Text

After you enter text, you can edit it by cutting, copying, or pasting the text. This task describes how to select and cut text so you can paste over a word with the cut text.

1. While you are typing, touch and hold a word you want to copy.
2. Slide the blue end markers until you have selected all of the text you want to copy.
3. Tap to cut the text. Cutting text places it in the Clipboard, just like a Copy action would do, but it also removes the text from its current position.
4. Touch and hold the word you want to paste over.
5. Tap to paste what you cut earlier.

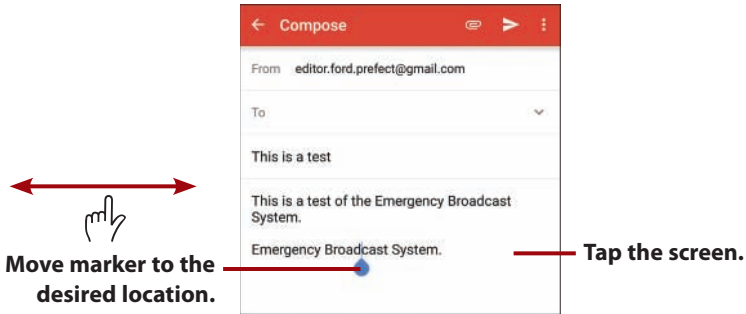


Tap to copy the selected text.



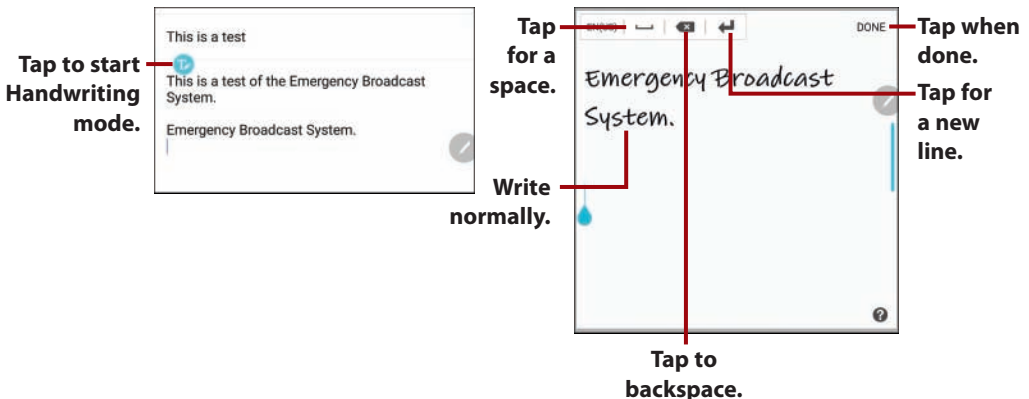
Placing a Cursor

You can also simply place a cursor on the screen and move it around to do manual text editing, such as backspace to delete letters or manually insert a new word. To do this, tap the screen in the text area. A single blue marker displays; drag that marker to the point in the text you want to make changes to. Now start typing or tap backspace, and the action occurs at the cursor position.



Writing Instead of Typing

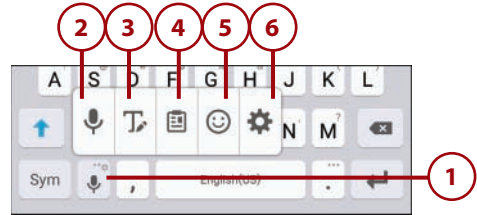
As discussed earlier in this chapter, your Galaxy Note 5 comes with the S Pen stylus. Instead of typing on the keyboard, you can use handwriting recognition to write. To enable Handwriting mode, pull out the S Pen from its holder and tap the Back key to dismiss the Air Command window. Then hover the S Pen over the screen in the text area until you see the handwriting icon. Tap the icon with your S Pen. Any text you have typed appears to be in handwriting. Now write in your own handwriting on the screen and it is turned into text. Tap Done to return to typing.



Keyboard Tricks

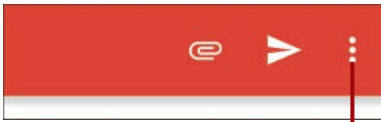
You can write instead of typing, use emoticons (smiley faces), and enable a one-handed keyboard.

1. Touch and hold the microphone key (to the right of the Sym key).
2. Tap to use dictation.
3. Tap to use Handwriting mode.
4. Tap to see everything you have previously copied to the clipboard. If there is text, you can tap it to paste it at the cursor position.
5. Tap to type emoticons (smiley faces).
6. Tap to change keyboard settings, including choosing a new keyboard.

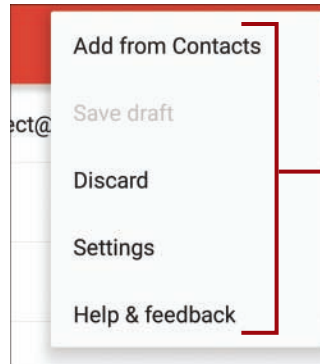


Menus

Your Galaxy Note 5 has two types of menus: app menus and context menus. All applications use an app menu. To see the app menu, tap the Menu icon, which is normally on the top-right of the screen.

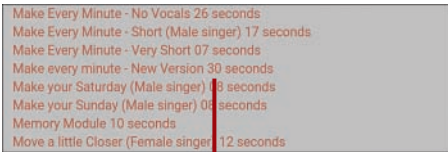


Tap to see the app menu.



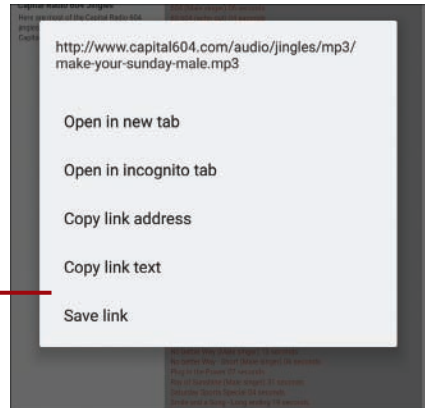
Tap a menu item.

A context menu applies to an item on the screen. If you touch and hold something on the screen (in this example, a link on a web page), a context menu appears. The items on the context menu differ based on the type of object you touched.



Touch and hold a link to reveal the link context menu.

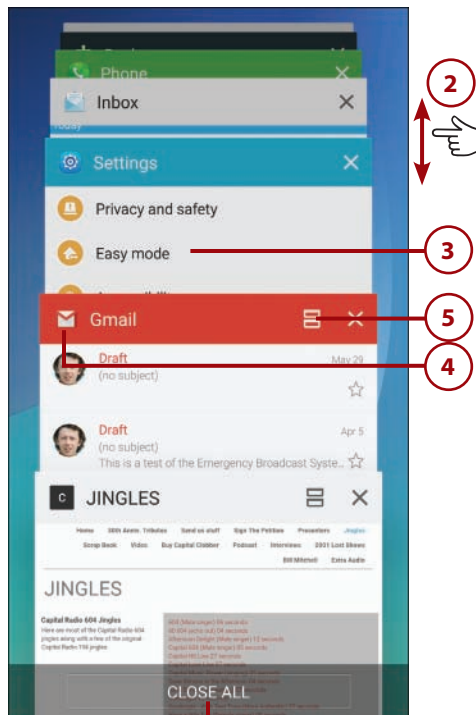
Tap a command from the context menu.



Switch Between Apps

You can use the multitasking feature to switch between running apps and close apps.

1. Tap the Recent Apps button (to the left of the Home button).
2. Swipe up and down the list of running apps.
3. Tap an app to switch to it.
4. Touch and hold an app icon to see memory and processor usage for each active app.
5. Tap to open the app in split-screen mode. This opens the app so that it only takes up the top half of the screen. See more about running multiple apps at the same time in the next section.
6. Close an app by swiping the app left or right off the screen or tapping the X on the top right of the app.



Tap to end all running apps.

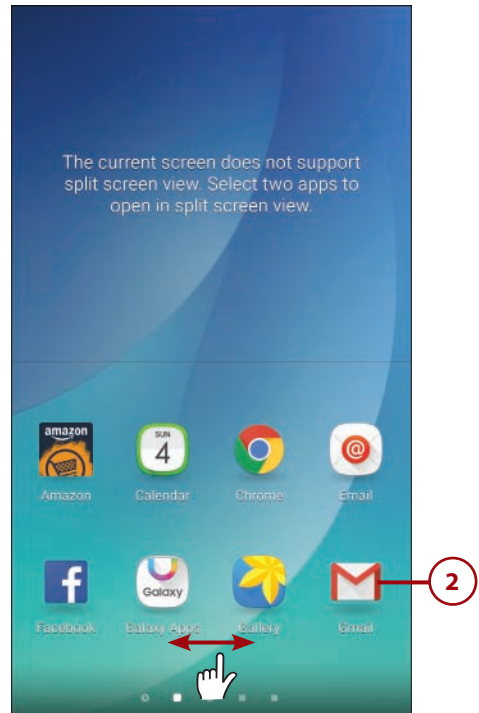
Run Multiple Apps on the Screen at the Same Time

Your Galaxy Note 5 has a feature called Multi Window that allows certain apps to run on the same screen at the same time. They can either run in a split-screen configuration, in multiple separate small windows, or a combination of both.

Run Two Apps on a Split-Screen

This section explains how to run two apps at the same time in a split-screen configuration.

1. Touch and hold the Recent Apps button while on the Home screen, to see apps that support Multi Window.
2. Tap an app you want to run. The app launches in the top half of the screen.

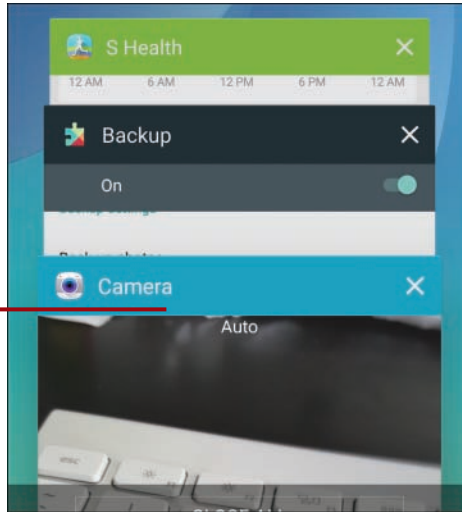


Scroll left and right to see all apps.

Choose Apps That Are Already Running

When choosing which apps to start in Multi Window mode, if you keep scrolling right so that you see the left-most screen, it looks very much like the Recent Apps screen. Tap an app that is already running to switch it to Multi Window mode.

Tap to choose
a running app.

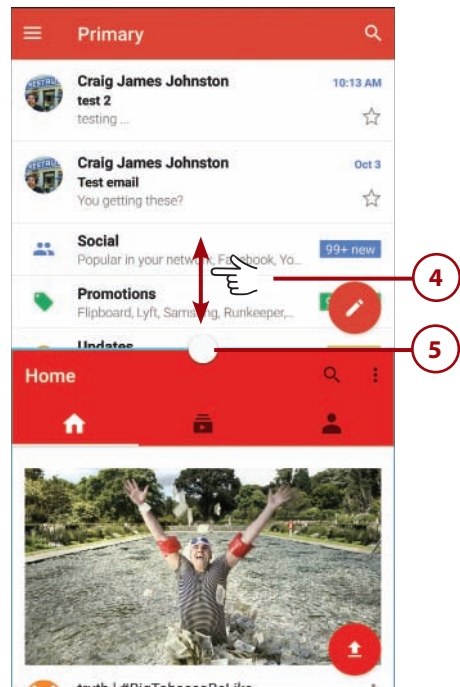
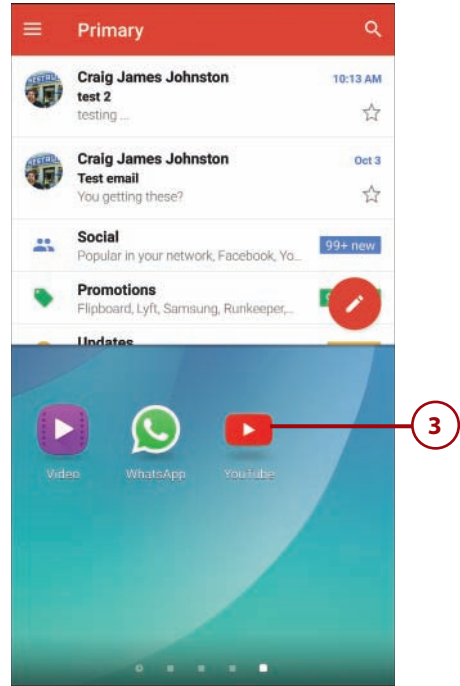


It's Not All Good

Not All Apps Support Multi Window

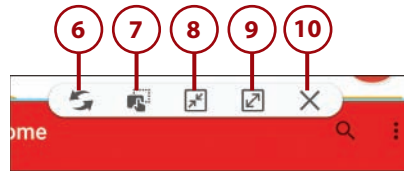
Apps must be specially written to take advantage of Samsung's Multi Window mode because Multi Window mode is not part of the Android operating system. This means that you might not see the apps you are looking for until the developer updates the app to support Samsung's Multi Window mode.

3. Tap a second app icon to launch it in the bottom half of the screen.
4. Drag the circle up or down to give more or less room to each app.
5. Tap the circle to reveal extra Multi Window features.



The blue outline indicates which app is active.

6. Tap to swap the position of the apps on the screen.
7. Tap to enable dragging content (such as text or an image) between windows.
8. Tap to minimize the selected app to a small draggable circle on the screen. A blue box indicates which app is selected.
9. Tap to maximize the selected app to full screen. A blue box indicates which app is selected.
10. Tap to close the app in the selected window. The selected app has a blue box around its perimeter.



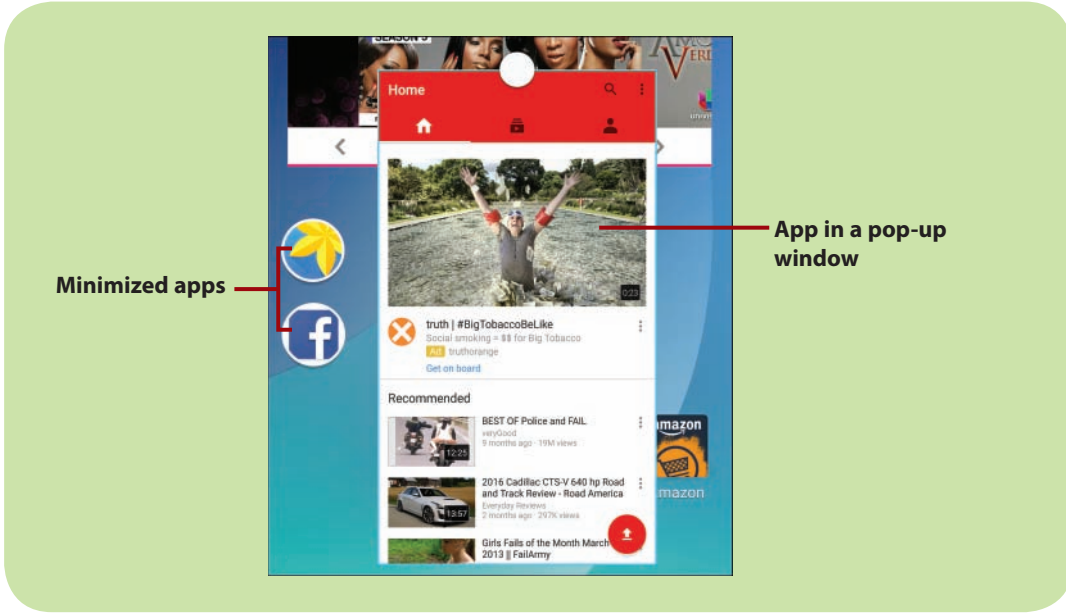
How To Tell Which App Is Selected

When you have two apps open on the screen at the same time, you can tell which one is active by looking for a blue border around the active app. It is important to know which app is active when you are using the controls in steps 8, 9, and 10.

>>> Go Further

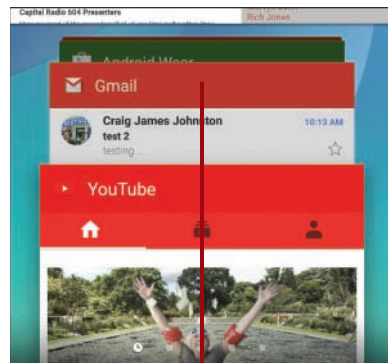
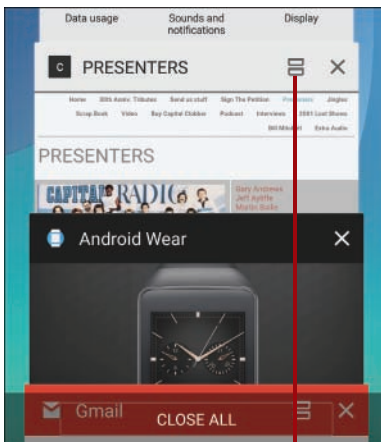
MINIMIZED APPS

When you choose to minimize an app as shown in step 8, the app shrinks to a small circle on the screen. You can drag the minimized app anywhere on the screen. If you touch and hold the app, a trash can icon appears; drag the app to the trash can to close the app. If you tap the minimized app, it enlarges to a pop-up window instead of maximizing back to its original window in the split screen. You can then continue working on the app in its small window. When an app is in a pop-up window, you can resize it by dragging the blue border around the app. Minimized and pop-up apps continue to be shown no matter what screen you are on and what app you are running.



Quicker Way of Running Multi-Window

If you only want to use apps that are already running in Multi Window, you can do this more quickly. Tap the Recents Apps button. Tap the Multi Window icon on any running app. That app switches to Multi Window mode and displays in the top-half of the screen. Next, tap a second app to run in the bottom half of the screen. Remember that not all apps support Multi Window, so some apps might not have the Multi Window icon.



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Tap to choose where
to use the wallpaper.



Tap to choose a new
wallpaper.

In this chapter, you find out how to customize your Galaxy Note 5 to suit your needs and lifestyle. Topics include the following:

- Using wallpapers and live wallpapers
- Replacing the keyboard
- Adjusting sound and display settings
- Setting the region and language
- Using the fingerprint scanner

2

Customizing Your Galaxy Note 5

Your Galaxy Note 5 arrives preconfigured to appeal to most buyers; however, you might want to change the way some of the features work, or even personalize it to fit your mood or lifestyle. Luckily, your Galaxy Note 5 is customizable.

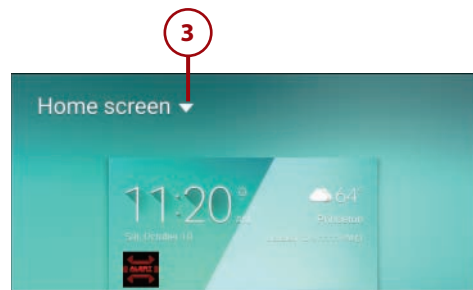
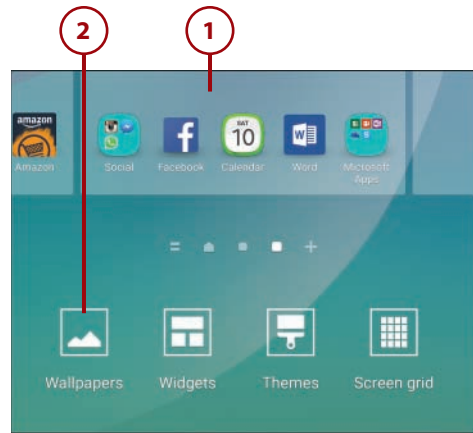
Changing Your Wallpaper

Your Galaxy Note 5 comes preloaded with a cool wallpaper. You can install other wallpapers, use live wallpapers that animate, and even use pictures in the Gallery application as your wallpaper.

1. Touch and hold in an open area on the Home screen.
2. Tap Wallpapers.
3. Tap to select where you want to change the wallpaper. You can choose a new wallpaper for the Home screen only or the Lock screen only, or you can use the same new wallpaper for both the Home and Lock screens.
4. Use the steps in one of the following three sections to choose the type of wallpaper to use as well as to select your new wallpaper.

What Is Wallpaper Motion Effect?

Wallpaper Motion Effect is an effect that creates the illusion that your icons and widgets are floating above the wallpaper. When the effect is turned on, as you move your Note 5 in your hand, the wallpaper appears to move, creating the perspective illusion. Some people are sensitive to this effect and might feel dizzy or disoriented. If you don't care for this effect, you can turn it off. This effect also uses processing power, which translates into a draw on battery charge, so turning off the effect might extend your battery life a little bit.

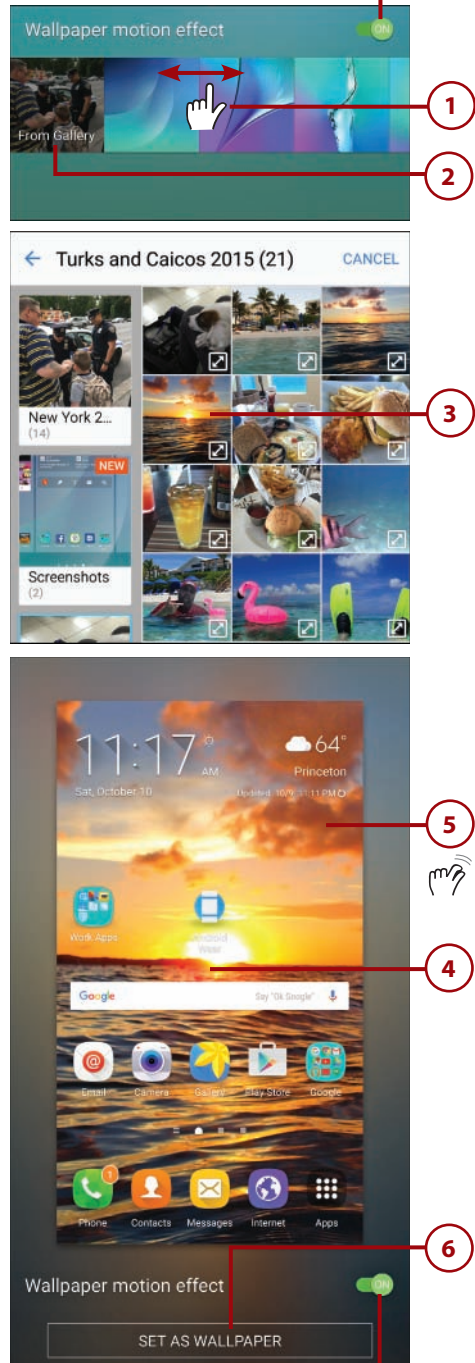


Set Up Wallpaper from Gallery Pictures

You can use any picture in your Gallery as a wallpaper.

1. Swipe from left to right over the wallpaper thumbnails until you see one labeled From Gallery.
2. Tap From Gallery.
3. Navigate your photo albums and tap a photo you want to use for your wallpaper.
4. Drag the picture around with your finger to adjust what part of the picture you want to use as your wallpaper.
5. Zoom in and out of the picture using the pinch gesture. Sometimes if the photo you choose is very large, you are not able to zoom in or out.
6. Tap Set as Wallpaper when you have finished adjusting the picture.

Turn on or off the Wallpaper motion effect.

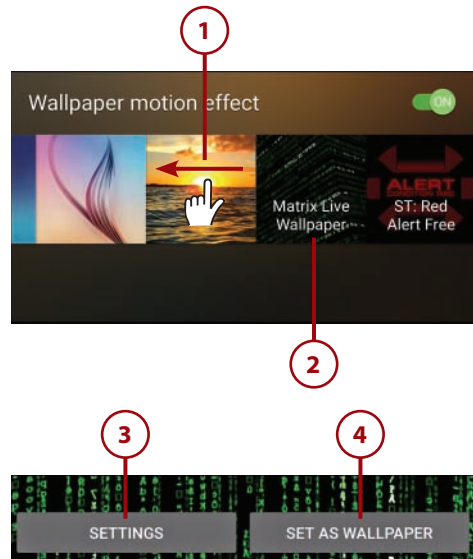


Turn the Wallpaper motion effect on or off.

Set Up Live Wallpaper

Live wallpaper is wallpaper with some intelligence behind it. It can be a cool animation or even an animation that keys off things such as the music you are playing on your Galaxy Note 5, or it can be something simple such as the time. There are some very cool live wallpapers in Google Play that you can install and use.

1. Swipe from left to right over the wallpaper thumbnails until you see the thumbnails with titles. Live wallpapers are kept on the right side of the wallpaper thumbnails.
2. Tap the live wallpaper you want to use.
3. Tap Settings to change the way the live wallpaper works. (Not all live wallpapers have settings that you can adjust.)
4. Tap Set as Wallpaper to use the live wallpaper.



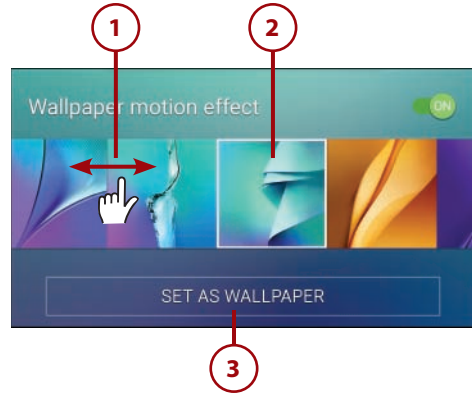
Finding More Wallpaper

You can find wallpaper or live wallpaper in the Google Play Store. Open the Google Play Store app and search for "wallpaper" or "live wallpaper." Read more on how to use the Google Play Store in Chapter 11, "Working with Android Apps."

Set Up Wallpaper

Choose a static wallpaper that is pre-loaded and sized correctly for your screen.

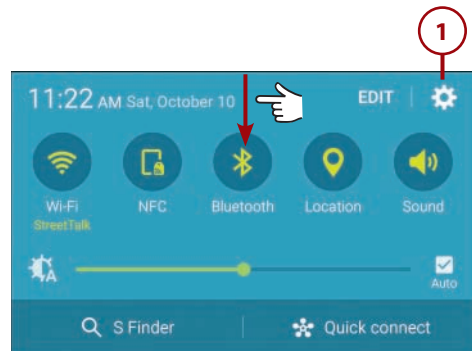
1. Swipe left and right over the wallpaper thumbnails to see static wallpaper options. Static wallpapers are in between the From Gallery option and the live wallpapers.
2. Tap a wallpaper to preview it.
3. Tap Set as Wallpaper to use the wallpaper.



Changing Your Keyboard

If you find it hard to type on the standard Galaxy Note 5 keyboard, or you just want to make it look better, you can install replacement keyboards. You can download free or purchase replacement keyboards from the Google Play Store. Most, if not all, keyboards come with their own installation wizard that walks you through adding and activating a keyboard, but if the one you installed does not have a wizard, or when you want to manually switch keyboards in the future, you need to use these steps.

1. Pull down the notification bar and tap the Settings icon.

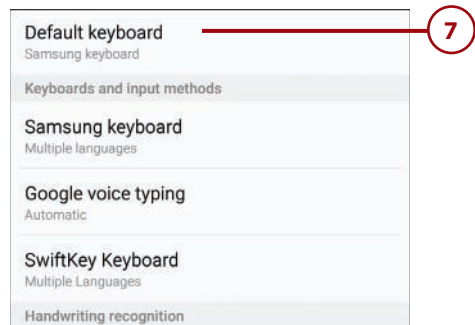
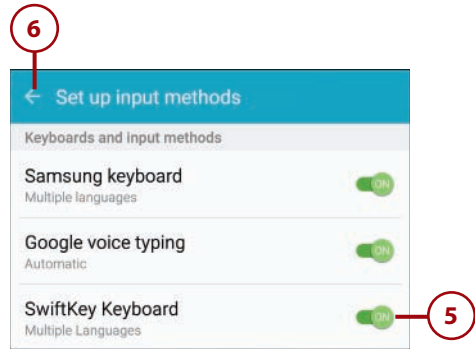
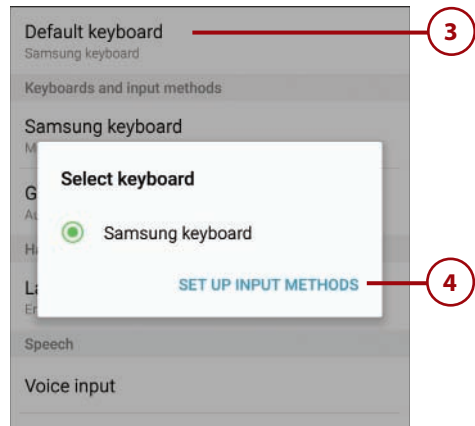
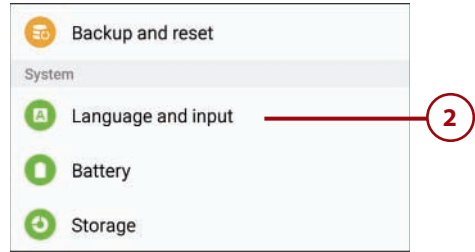


2. Tap Language and Input.
3. Tap Default keyboard.
4. Tap Set Up Input Methods.
5. Tap the on/off switch next to a keyboard you have previously installed from the Google Play Store (this example uses SwiftKey Keyboard) to make that keyboard available for use.
6. Tap the back arrow to return to the previous screen.

Doing Your Research

When you enable a new keyboard in step 5, the Galaxy Note 5 gives you a warning telling you that nonstandard keyboards have the potential for capturing everything you type. Do your research on any keyboards before you download and install them.

7. Tap Default Keyboard to change the default keyboard to the one you have just enabled.

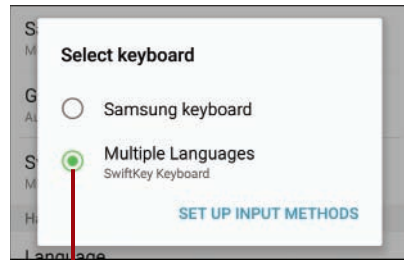


8. Tap the name of your new keyboard to select it to be the default.

What Can You Do with Your New Keyboard?

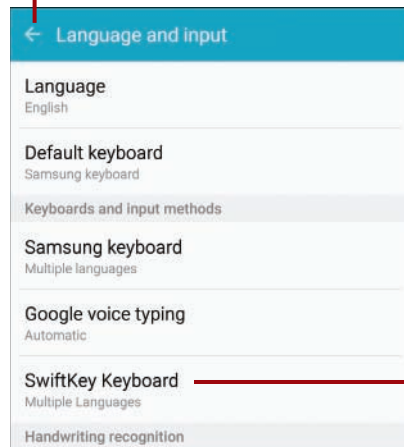
Keyboards you buy in the Google Play Store can do many things. They can change the key layout, change the color and style of the keys, offer different methods of text input, and even enable you to use an old T9 predictive input keyboard that you might have become used to when using an old “dumb phone” that had only a numeric keypad.

9. Tap the new keyboard name to make changes, including customizing it. Sometimes the keyboard’s customization wizard launches when you tap the keyboard name.
10. Tap the back arrow to save your changes.



8

10



9

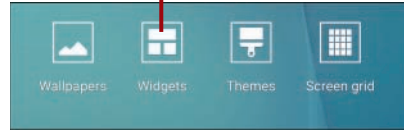
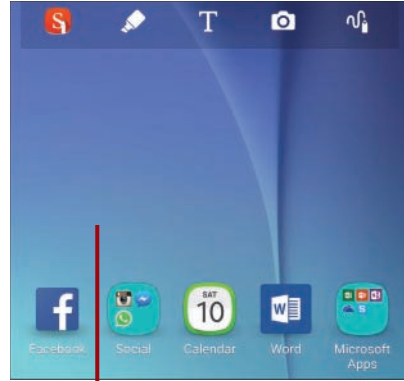
Adding Widgets to Your Home Screens

Some applications that you install come with widgets that you can place on your Home screen panes. These widgets normally display real-time information, such as stocks, weather, time, and Facebook feeds. Your Galaxy Note 5 also comes preinstalled with some widgets. The following tasks explain how to add and manage widgets.

Add a Widget

Your Galaxy Note 5 should come preinstalled with some widgets, but you might also have some extra ones that have been added when you installed applications. Here is how to add those widgets to your Home screen panes.

1. Touch and hold an open area on the Home screen.
2. Tap Widgets.
3. Touch and hold a widget to move it to a Home screen pane. Keep holding the widget as you move to step 4. This example uses the Hangouts widget.

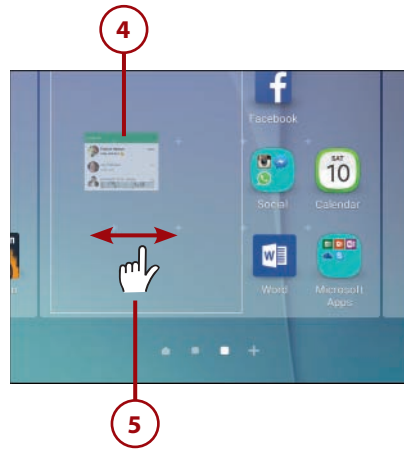


Tap to see all widgets in a group.  Scroll left and right to see all widgets.



Widget's size

4. Position the widget where you want it on the Home screen pane.
5. Drag the widget to different Home screen panes if you want to place it on a different pane, or drag it to the right-most pane to create a new Home screen pane and place the widget on the new pane.
6. Release your finger to place the widget. Some widgets might help with the setup by prompting you with a few questions after they are positioned.

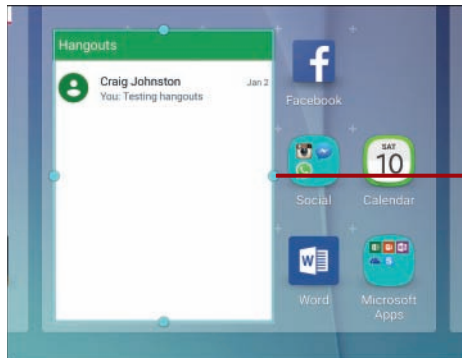


How Many Widgets Can I Fit?

Each part of the Home screen is divided into a grid of five blocks across and five blocks down. In the figure for step 3, notice that some widgets show their size in blocks across and down (such as 4×3). From that, you can judge if a widget is going to fit on the screen you want it to be on, but it also helps you position it in step 4. You can change the grid size of your Home screen panes: Touch and hold on the Home screen and tap Screen Grid. You can change your screen grid to 4×4, 4×5, or 5×5. Bear in mind that the fewer grid positions there are available, the less you can fit onto each Home screen pane.

Resizing Widgets

Some (not all) widgets can be resized. To resize a widget, touch and hold the widget until you see an outline and then release it. If the widget can be resized, you see the resizing borders. Drag them to resize the widget. Tap anywhere on the screen to stop resizing.

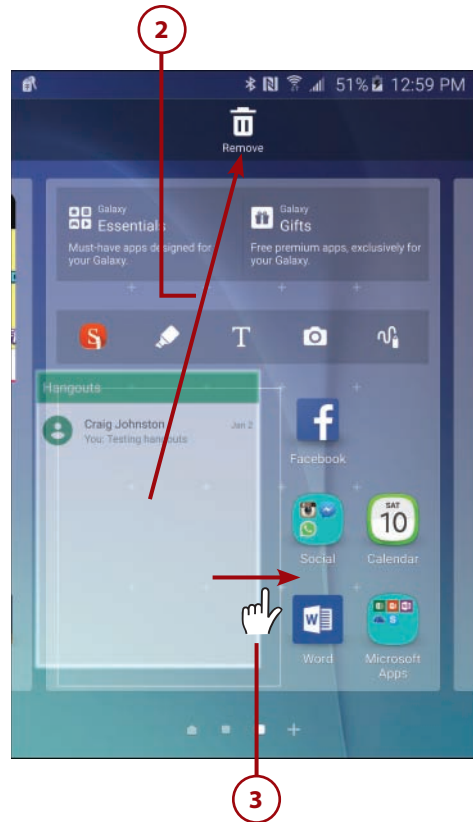


Drag to resize the widget.

Remove and Move a Widget

Sometimes you want to remove a widget, resize it, or move it around.

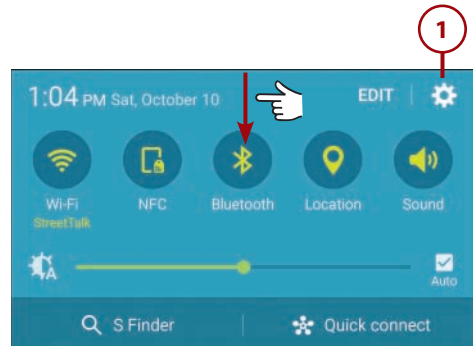
1. Touch and hold the widget until the widget zooms out, but continue to hold it.
2. Drag the widget to the word Remove to remove it.
3. Drag the widget around the screen or drag it off the edge of the Home screen panes to reposition it on another screen.
4. Release the widget.



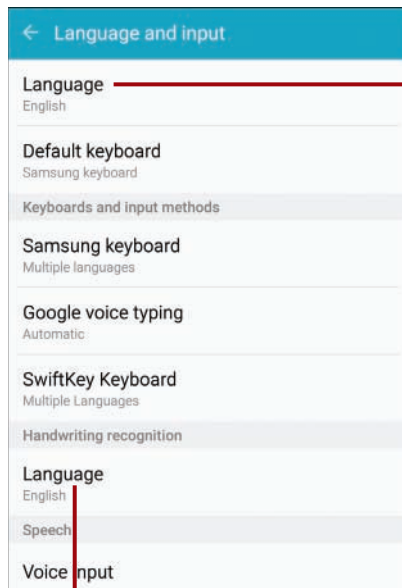
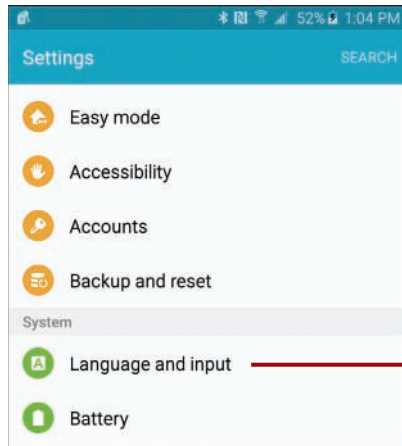
Setting the Language

If you want to change the language used by your Galaxy Note 5, you can do so with a few taps.

1. Pull down the Notification bar and tap the Settings icon.



2. Tap Language and Input under the System section.
3. Tap Language.

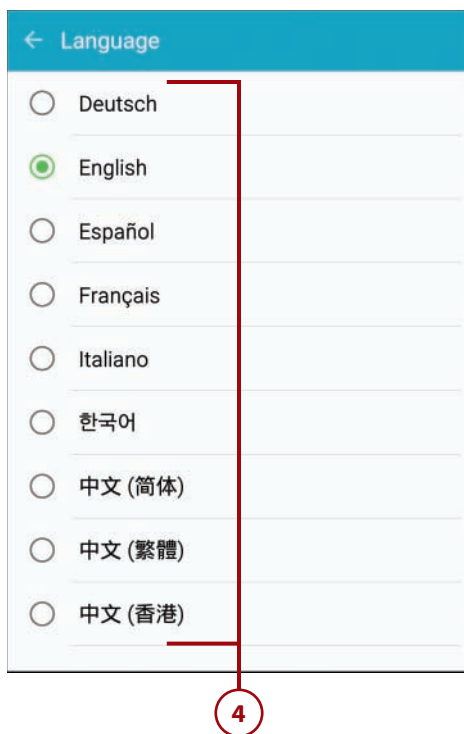


Tap to set the handwriting language.

4. Tap the language you want to switch to. The language is changed, and you are returned to the previous screen automatically.

What Obeys the Language Setting?

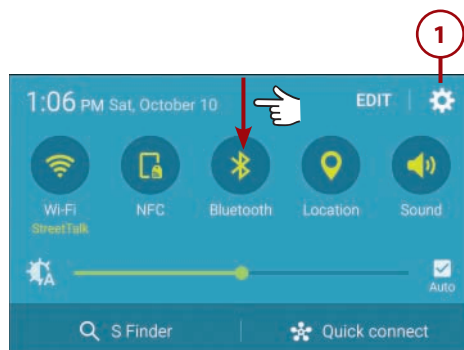
When you switch your Galaxy Note 5 to use a different language, you immediately notice that all standard applications and the Galaxy Note 5 menus switch to the new language. Even some third-party applications honor the language switch. However, many third-party applications ignore the language setting on the Galaxy Note 5. Therefore, you might open a third-party application and find that all its menus are still in English.



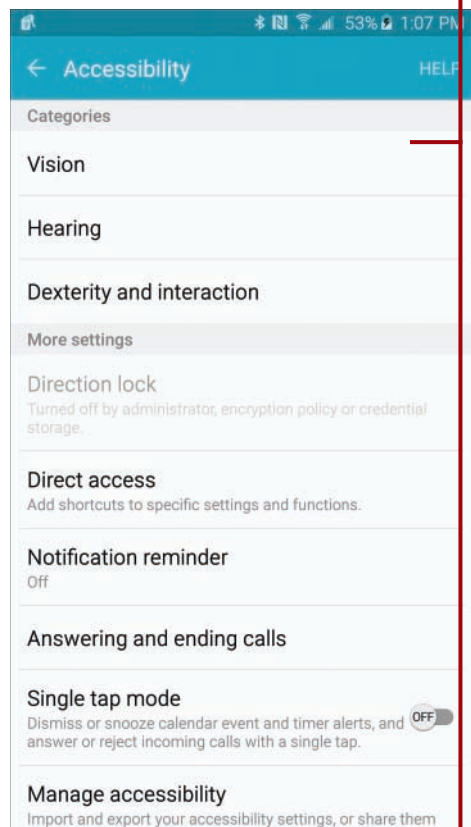
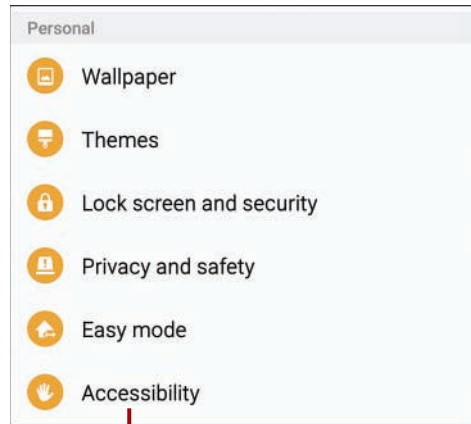
Changing Accessibility Settings

Your Galaxy Note 5 includes built-in settings to assist people who might otherwise have difficulty using some features of the device. The Galaxy Note 5 has the ability to provide alternative feedback, such as vibration and sound. It can even read menu items aloud to you.

1. Pull down the Notification bar and tap the Settings icon.

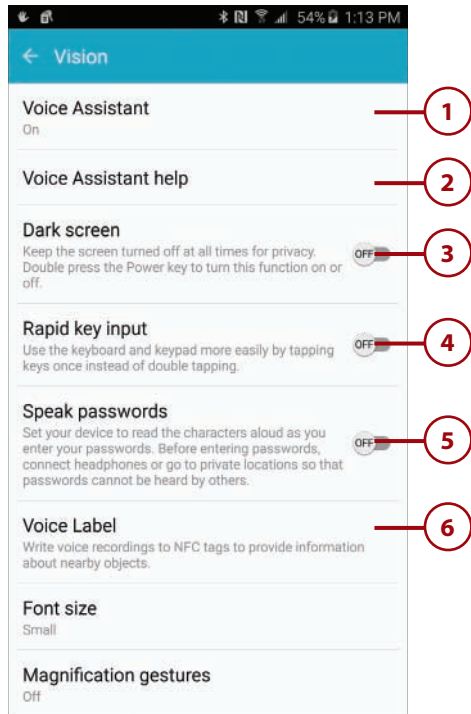


2. Tap Accessibility under the Personalization section.
3. Tap one of the categories on the Accessibility screen and use the following sections to change the settings in the different categories.



Vision

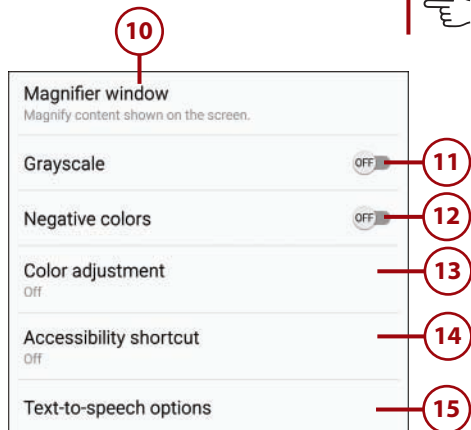
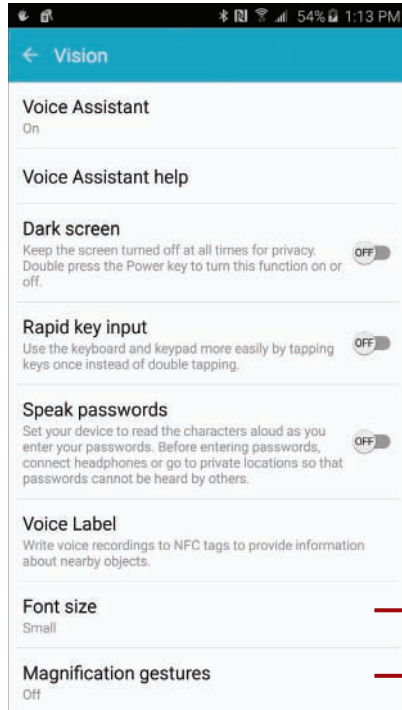
1. Tap to enable or disable Voice Assistant. When enabled, Voice Assistant speaks everything, including menus, but it also has other features, such as one that requires that you double-tap something to select it instead of single tapping.
2. Tap to see a tutorial on how Voice Assistant works.
3. Tap to enable the Dark Screen feature. After this feature is enabled, you double-press the Power key to enable and disable it. When you have it enabled, your screen remains off for privacy.
4. Tap to enable the Rapid Key Input feature. When enabled, it overrides the Voice Assistant requirement of having to double-tap each key while typing.
5. Tap to enable Speak Passwords. When this feature is enabled, Voice Assistant speaks each character of your password as you type it.
6. Tap to record voice labels and write them to NFC tags.



What Is a Voice Label?

Imagine if you could hold your Note 5 near an Near Field Communications (NFC) tag that was close to an object in the room, and a recording played back to tell you about the object? Voice Labels allow you to do just that. When you tap Voice Label in step 6, you can record your voice saying the name of the object, or something relevant about the object (say a refrigerator). After you have recorded what you want to say, you are prompted to hold a new NFC tag against the back of your Note 5 and your recording is written to the NFC tag. You can then stick the NFC tag near the object. When your Note 5 comes close to the NFC tag in the future, what you recorded will be automatically played back.

7. Tap to set the font size used on your Galaxy Note 5. You can choose sizes ranging from tiny to huge.
8. Tap to enable or disable magnification gestures, which include the ability to magnify any screen by triple-tapping it. When a screen is magnified, you can pan around it.
9. Swipe up for more settings.
10. Tap to open a new screen that enables or disables a Magnifier Window that can magnify whatever is under it. You can change the size of the Magnifier Window and how much magnification is applied.
11. Tap to enable or disable the Grayscale feature, which makes everything on the screen grayscale instead of full color.
12. Tap to enable or disable the Negative Colors feature, which makes all colors displayed on your Galaxy Note 5 reversed. (For example, black text on a white background instead appears as white text on a black background.)
13. Tap to enable the Color Adjustment Wizard, which helps you adjust the screen colors if you have difficulty seeing it.
14. Tap to enable or disable the Accessibility Shortcut feature. When it's enabled, you can access accessibility features by performing certain gestures.
15. Tap to change the settings for the Text-to-Speech service provided by Samsung or to switch to the Google Text-to-Speech service.
16. Tap to save your changes and return to the previous screen.

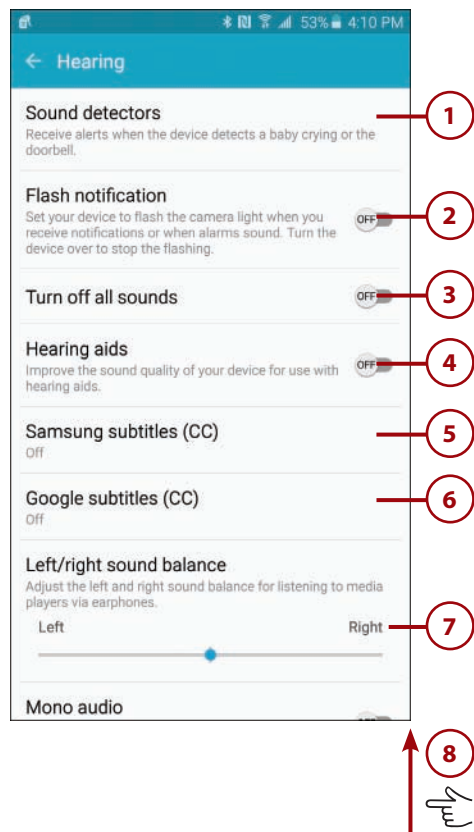


More About Text-to-Speech

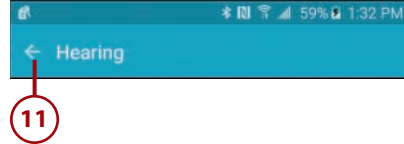
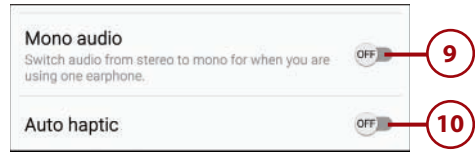
By default, your Galaxy Note 5 uses the Samsung Text-to-Speech service with an option to use the Samsung service to speak any text you need to read. You can install other text-to-speech software by searching for them in the Google Play Store. After you've installed the software, you'll have multiple choices.

Hearing

1. Tap to enable or disable an option that makes your Note 5 vibrate when it detects a baby crying or a doorbell ringing.
2. Tap to enable or disable making your Note 5 light up the camera flash when you have a new notification.
3. Tap to turn off all sounds.
4. Tap to enable or disable improving the sound quality if you use a hearing aid.
5. Tap to enable video subtitles provided by Samsung, and adjust how the subtitles appear on the screen.
6. Tap to enable or disable video subtitles provided by Google, and adjust how the subtitles appear on the screen.
7. Tap to adjust the balance of audio played when wearing earphones.
8. Swipe up for more settings.

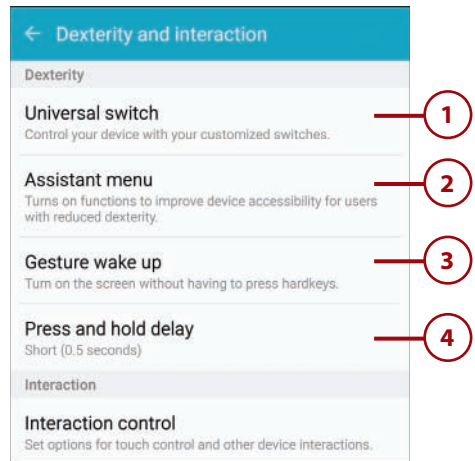


9. Tap to use mono audio when wearing one earphone.
10. Tap to enable or disable a feature that causes your Note 5 to vibrate in time to music being played, a video being watched, or a game being played.
11. Tap to save your changes and return to the previous screen.



Dexterity and Interaction

1. Tap to manage using universal switches to control your Note 5. Switches can include tapping on the screen, detecting movement of your head, eyes, or mouth, and can even include buttons being pressed on an externally connected accessory.
2. Tap to enable or disable the Assistant menu. Once it is enabled, you can set your dominant hand, reorder the menu items, and adjust the level of zoom. The Assistant menu appears as a small gray box on your screen at all times. When you tap it, it provides quick access to common device functions.
3. Tap to enable or disable the Gesture Wake Up feature. When this feature is enabled, you can wave your hand over the front of the device to wake it up as it rests on a flat surface.
4. Tap to adjust the Press and Hold Delay (also known as touch and hold) feature.



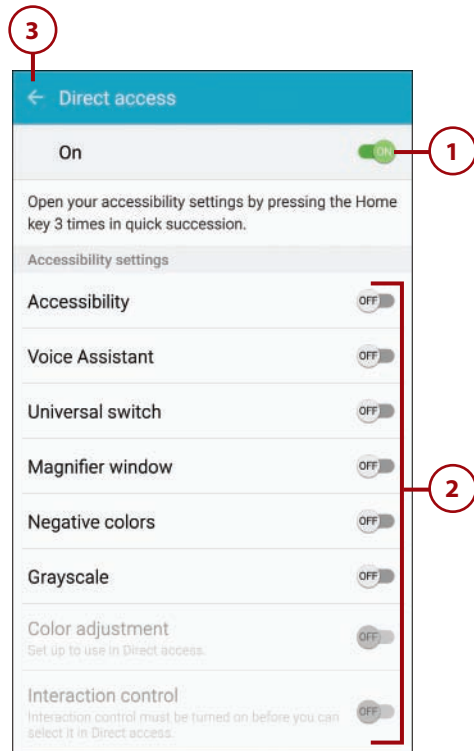
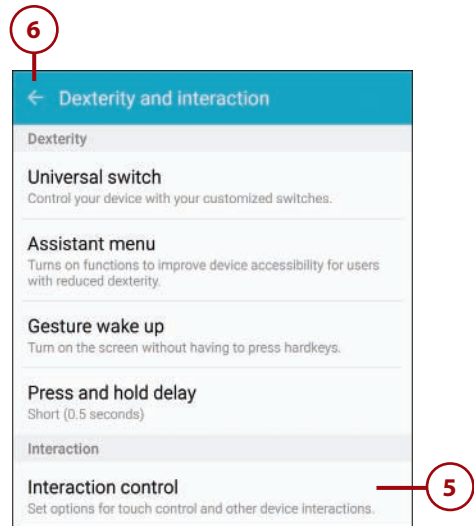
5. Tap to enable or disable Interaction control, which includes blocking areas of the screen so they do not respond to taps.
6. Tap to save your changes and return to the previous screen.

What Is Direction Lock?

Direction Lock is a method of unlocking your Note 5 by drawing a pattern of directions on the screen. When you enable Direction Lock, you are asked to draw a series of directions on the screen (consisting of up, down, left, and right) that can be used as an unlock pattern. If you have enrolled in your company's Mobile Device Management (MDM) system, your administrator might have disabled Direction Lock, which prevents you from using this feature to unlock your Note 5.

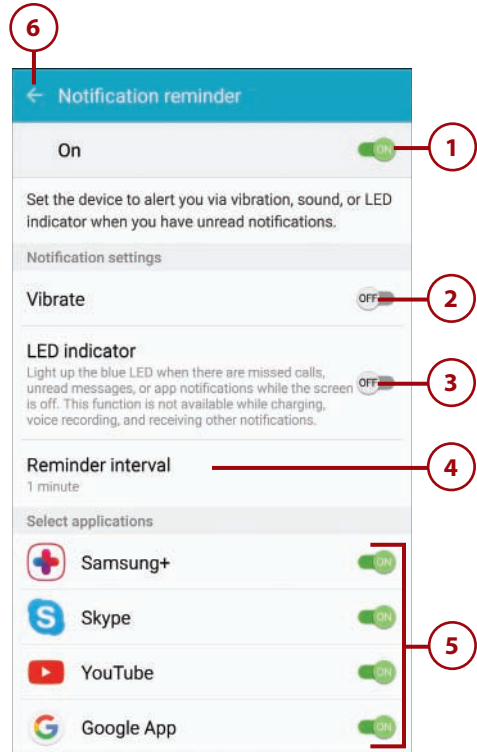
Direct Access

1. Tap to enable or disable direct access to certain accessibility settings. When this feature is enabled, press the Home button three times in quick succession to see the direct access menu.
2. Choose which accessibility settings you want direct access to.
3. Tap to save your changes and return to the previous screen.



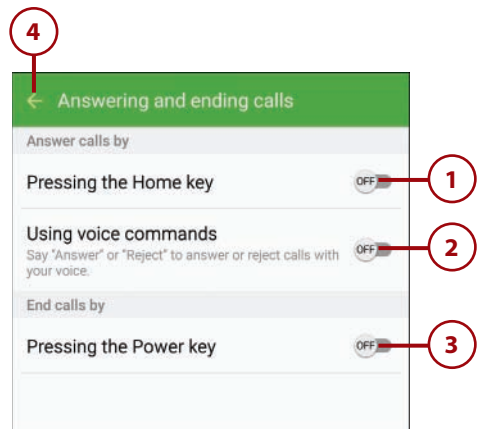
Notification Reminder

1. Tap to enable or disable extra notifications for certain apps.
2. Tap to choose whether to vibrate when one of your chosen apps sends a notification.
3. Tap to choose whether to turn on the indicator light when one of your chosen apps sends a notification.
4. Tap to choose how frequently the reminder occurs if you have not responded to the notification.
5. Choose which apps you want to receive this extra notification for.
6. Tap to save your changes and return to the previous screen.



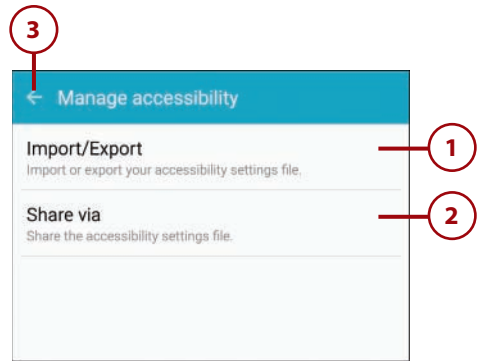
Answering/Ending Calls

1. Tap to enable or disable answering a call by pressing the Home button.
2. Tap to enable or disable using voice commands to answer or reject calls. When enabled, just say "Answer" or "Reject."
3. Tap to enable or disable ending a call by pressing the Power button.
4. Tap to save your changes and return to the previous screen.



Manage Accessibility

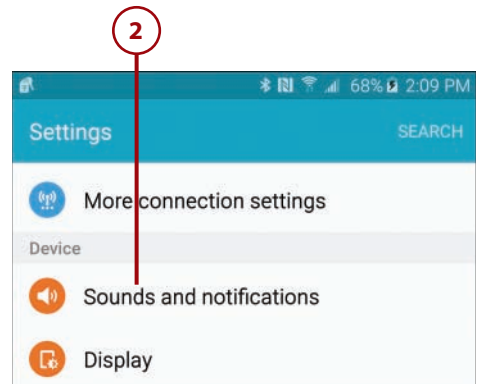
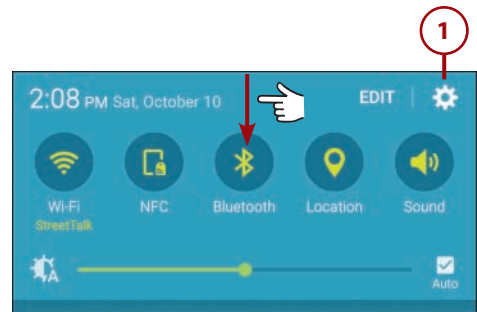
1. Tap to import accessibility settings that someone has shared with you or to export your settings.
2. Tap to share your accessibility settings with friends. You must first export your settings as mentioned in step 1.
3. Tap to return to the previous screen.



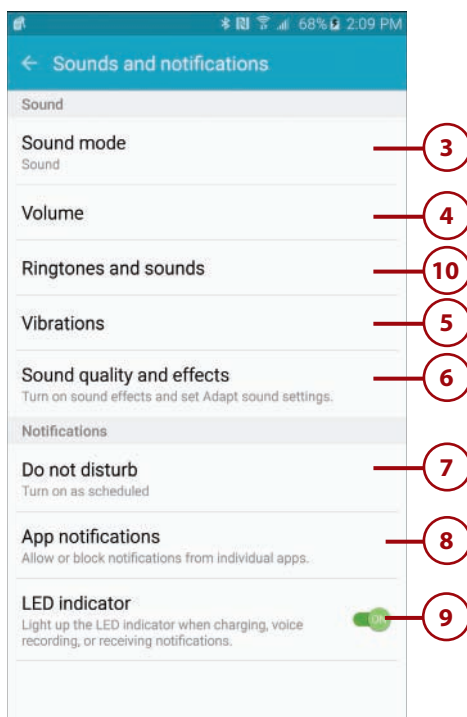
Adjusting Sound and Notifications Settings

You can change the volume for games, ringtones, and alarms, change the default ringtone and notification sound, plus control what system sounds are used.

1. Pull down the Notification bar and tap the Settings icon.
2. Tap Sound and Notifications in the Device section.

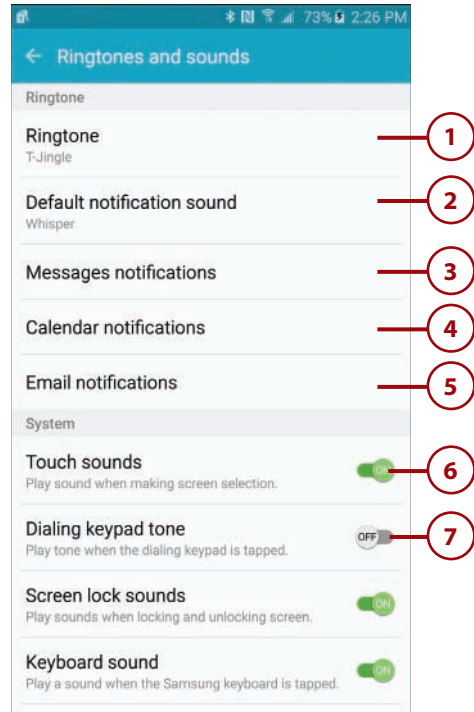


3. Tap to change the sound mode between Sound (play all sounds), Vibrate (vibrate instead of playing sounds), or Mute (silence all sounds and vibrations).
4. Tap to change the volume for ringtones, music, video games and other media, notifications, and system alerts.
5. Tap to choose the intensity of vibrations for incoming calls, notifications, and haptic feedback. This screen also enables you to create custom vibration patterns. See the “Vibrations” section later in this chapter for more information.
6. Tap to choose whether you want to go through a wizard so that your Note 5 can adapt its audio output to your ears, and choose whether you want to enhance the audio using UHQ Upscaler, SoundAlive+, or TubeAmp Pro. See the “Sound Quality and Effects” section later in this chapter for more information.
7. Tap to choose whether you want to enable Do Not Disturb, and set any exceptions. See the “Do Not Disturb” section later in this chapter for more information.
8. Tap to choose which apps you want to see notifications for, choose whether you want notifications to be displayed on the Lock screen, and also which ones you want to see as priority notifications.
9. Tap to enable or disable having the LED indicator light when charging or recording a voice memo, or when you receive a new notification.
10. Tap to change the ringtone and sounds of Messages, Calendar, and Email, plus System sounds. See the next section for more on ringtones and sounds.



Ringtones and Sounds

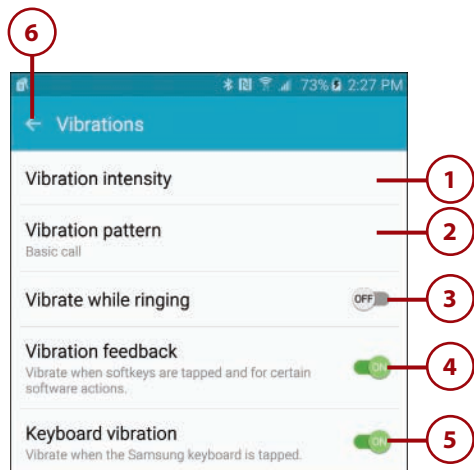
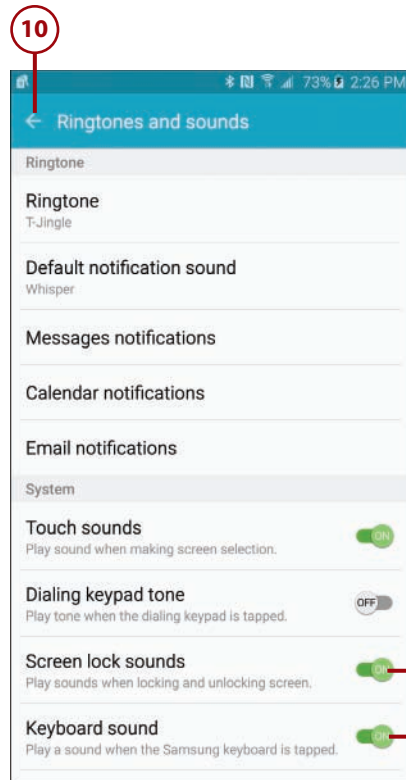
1. Tap to choose which ringtone plays when you receive an incoming phone call. While choosing the ringtone, you can add any audio file on your Note 5 as your ringtone.
2. Tap to choose the default notification sound that plays when a new notification is displayed.
3. Tap to choose whether you want to be notified when you receive a new SMS or MMS message, what ringtone plays when the notification is shown, and whether your Note 5 must also vibrate.
4. Tap to choose whether you want to be notified when you receive a new calendar notification (like an event reminder), what ringtone plays when the notification is shown, and whether your Note 5 must also vibrate.
5. Tap to choose whether you want to be notified when you receive a new email, what ringtone plays when the notification is shown, and whether your Note 5 must also vibrate. This alert does not change the Gmail notification setting.
6. Tap to enable or disable playing a sound when you interact with the touch screen, like tapping a menu item.
7. Tap to enable or disable touch tones that play while you type a phone number on the dialpad.



8. Tap to enable or disable playing a sound when you lock or unlock your Note 5.
9. Tap to enable or disable playing a sound for each key that you tap on the on-screen keyboard.
10. Tap to save your changes and return to the previous screen.

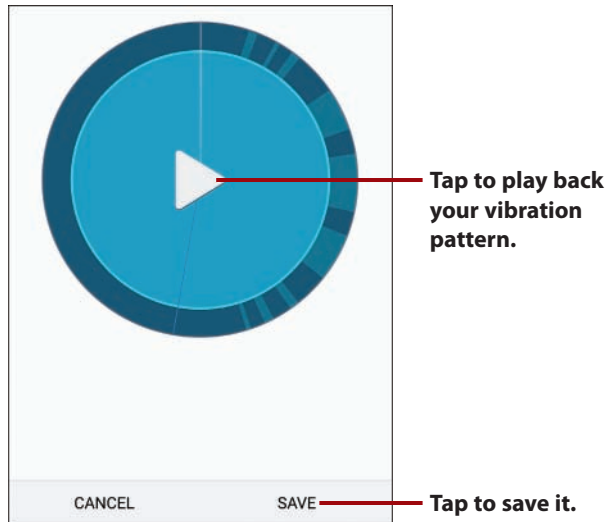
Vibrations

1. Tap to choose the vibration intensity for incoming calls, notifications, and vibration feedback.
2. Tap to choose a default vibration pattern for notifications. You can also create your own custom vibration pattern that can later be assigned to contacts.
3. Tap to choose whether you want your Note 5 to also vibrate when receiving an incoming call.
4. Tap to choose whether you want vibration feedback when you tap the Recent apps and Back buttons.
5. Tap to choose whether you want to feel a vibration as you type on the on-screen keyboard.
6. Tap to save your changes and return to the previous screen.



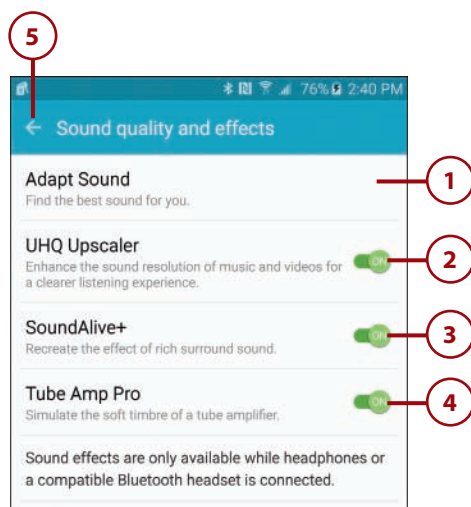
Creating Your Own Vibration Patterns

In step 2, you can choose the vibration pattern to be used when you are notified, but you can also create your own. Tap Create. On the next screen, tap in the area where it reads Tap to Create, and then tap out your vibration pattern on the screen using short taps for short vibrations and long taps for longer vibrations. The example in the figure uses Morse Code for SOS. You can create any vibration pattern you want. You can create more than one custom vibration pattern and can then use those custom patterns to distinguish between incoming calls from certain people in your Contacts. To do that, open the Contacts app, tap a contact, tap Edit, tap Add Another Field, and choose Vibration Pattern. You can then change the Vibration Pattern from Default to one of your custom patterns.



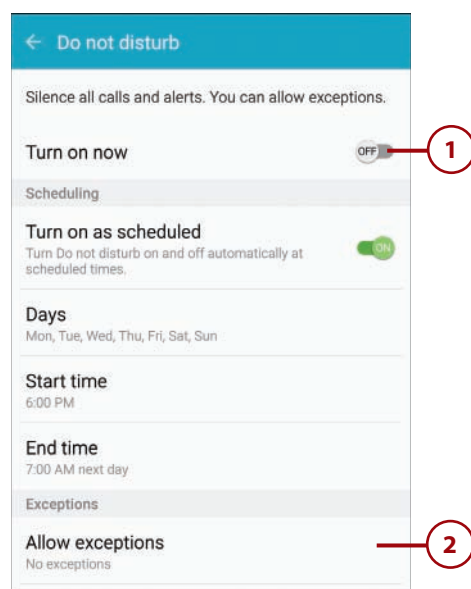
Sound Quality and Effects

1. Tap to run through an audio test to determine your exact auditory range, and have your Note 5 customize the sound to best suit your hearing abilities.
2. Tap to enable or disable the UHQ Upscaler feature that enhances the sound resolution of audio to make the sound clearer.
3. Tap to enable or disable the SoundAlive+ feature that simulates surround sound. You can only enable this feature if you have a wired or Bluetooth headset connected.
4. Tap to enable or disable the Tube Amp feature that simulates a tube amplifier. You can only enable this feature if you have a wired or Bluetooth headset connected.
5. Tap to save your changes and return to the previous screen.

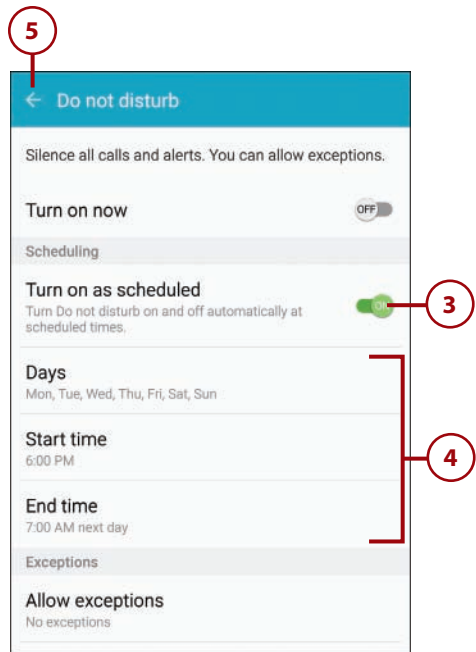


Do Not Disturb

1. Tap to enable or disable the Do Not Disturb feature. When enabled, you receive no notifications unless you have specified exceptions.
2. Tap to allow exceptions to the Do Not Disturb rule. For example, you probably want to allow the alarm to still wake you up in the morning, and you might want to allow incoming calls from certain people.



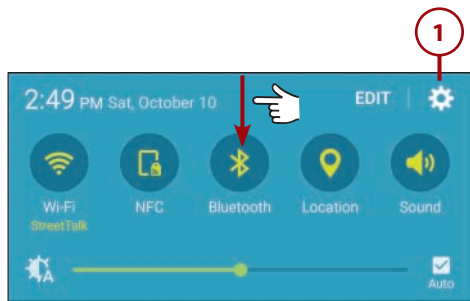
3. Tap to set a schedule when Do Not Disturb is automatically enabled and disabled. For example you might want to set it to be enabled when you go to sleep and disabled when you wake up.
4. Set the Do Not Disturb schedule.
5. Tap to save your changes and return to the previous screen.



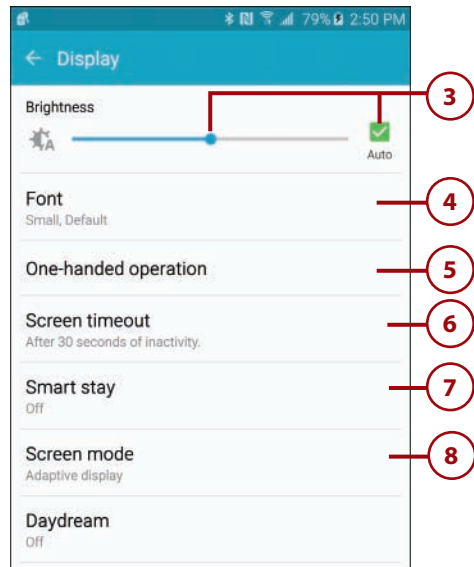
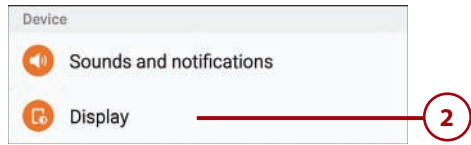
Modifying Display Settings

You can change many display settings, the screen mode, the wait time before your Galaxy Note 5 goes to sleep, the size of the font used, and the Pulse notification light settings.

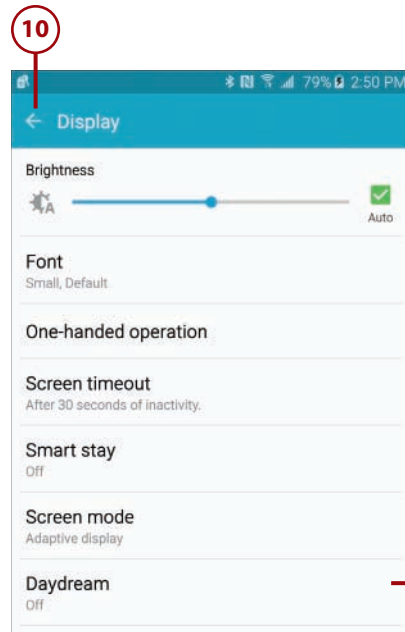
1. Pull down the Notification bar and tap the Settings icon.



2. Tap Display in the Device section.
3. Hold and move your finger along the slider to change the screen brightness manually or use the check box to set it to automatic. When on Auto, your Galaxy Note 5 uses the built-in light sensor to adjust the brightness based on the light levels in the room.
4. Tap to change the system font and how large the font style is. The system font is used for all menus, notifications, alerts, and warnings on your Note 5.
5. Tap to choose whether you want to enable the one-handed keyboard or have the ability to press the Home button three times in quick succession to reduce the screen size.
6. Tap to choose how many minutes of inactivity must pass before your Galaxy Note 5 puts the screen to sleep.
7. Tap to enable Smart Stay. When this feature is enabled, your Note 5 uses the front-facing camera to look for your eyes. It keeps the screen on as long as it detects that you are looking at the screen.
8. Tap to choose the Screen mode, which is how the screen represents colors. You can manually choose AMOLED Cinema, AMOLED Photo, and Basic, or leave it set to Adapt Display, which means your Note 5 chooses the best settings based on usage.



9. Tap to enable or disable Daydream mode, decide what Daydream mode must be displayed when daydreaming, and when to daydream. Daydream mode is essentially a screensaver.
10. Tap to save your changes and return to the previous screen.



What Is One-Handed Operation?

In step 5, you can choose to enable two features that allow you to use your Note 5 with one hand. The Note 5 is a large phone, and using it with one hand without special settings can be tricky. To help you achieve one-handed operation, you can choose to turn on reducing the screen size and/or turning on the one-handed keyboard. After you enable one-handed typing, your regular keyboard shrinks, which makes it easier to type with one hand. You can switch the shrunken keyboard to the bottom left or bottom right of the screen. When you enable the Reduce Screen Size feature, you can press the Home button three times in quick succession to make the screen shrink, which makes it easier to reach items near the top of the screen with one hand.

Is Adaptive Display Mode Good?

If you leave your screen mode set to Adaptive Display, you should know that your Note 5 adjusts the color range, saturation, and sharpness of the screen for the Gallery, Camera, Internet Web Browser, Samsung Video, Samsung Smart Remote, and Google Play Books apps only. All other system apps and apps that you install are not optimized. With this in mind, you might prefer to manually select an appropriate screen mode in step 7.

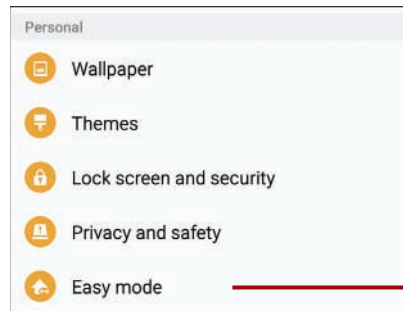
Aren't Screensaver's Obsolete?

Step 8 explains how to enable and manage the Daydream mode, which is essentially a screensaver as you might remember them from desktop computers. For many years now, screen savers have not been needed because we no longer use Cathode Ray Tube (CRT) monitors and screens. In the days when we used CRTs, if an image remained in one spot for a long time, it would be burned into the front of the screen. Having a screensaver on a CRT monitor made sense because the images were moving and changing constantly. Screen savers continued to be used because people liked seeing the patterns and images in the screensavers. This is why Daydream mode is on your Note 5. Once activated, it can display your photos or cool color patterns after a period of inactivity, when you plug your Note 5 into a dock, or when it is charging.

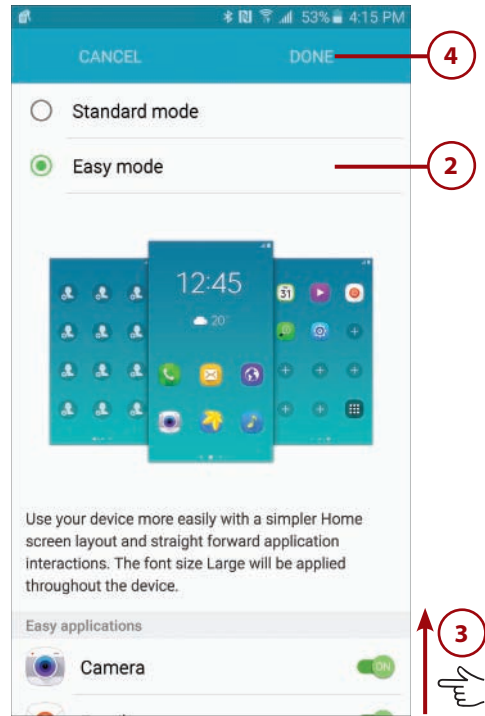
Easy Home Screen Mode

Home Screen mode changes which widgets are placed on your Home screen and how many you have on the Home screen. When Easy mode is enabled, it makes available a lot of widgets that have shortcuts to many apps, and it makes the icons larger.

1. Tap Easy Mode in the Personal section.



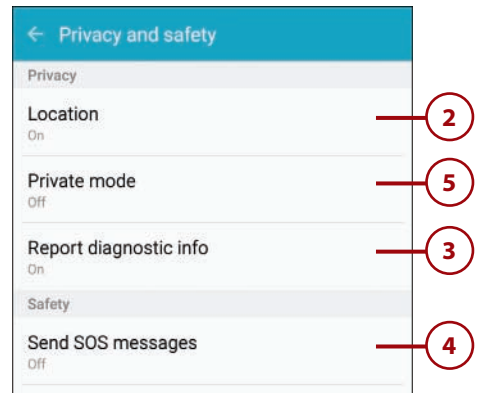
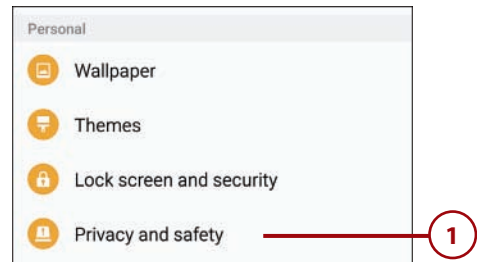
2. Tap to enable Easy Mode.
3. Swipe up to select which apps you want to have shortcuts to on your Home screen.
4. Tap Done to save your changes. You return to the Easy Mode Home screen.



Privacy And Safety

You use Privacy and Safety to set whether you want to allow your geographic location to be available to Google and apps running on your phone, to manage Private Mode, and to set up a feature that allows your phone to send information to people when you are in an emergency situation.

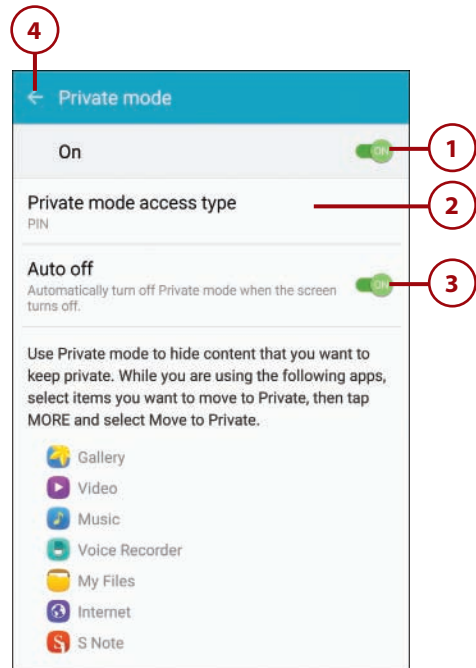
1. Tap Privacy And Safety in the Personal section.
2. Tap to manage whether Google or apps running on your phone have access to your geographic location.
3. Tap to enable or disable allowing your phone to report diagnostic information to Google.
4. Tap to manage how SOS messages are handled. See the "Send SOS Messages" section later in this chapter for more information.
5. Tap to manage Private Mode, which is covered in the next section.



Private Mode

Private mode is a bit confusing at first. While it is enabled, you can move content from certain apps to a secret area on your Galaxy Note 5. When Private mode is disabled, the content is invisible unless you come back into Settings and enable it again.

1. Tap to enable or disable Private mode.
2. Choose a method for securing Private mode. The method you use here is in addition to the method you already use for unlocking your Note 5. You need to make this choice only one time when you first enable Private mode.
3. Tap to enable or disable automatically disabling Private mode when the screen turns off. This is recommended.
4. Tap to save your changes and return to the previous screen.

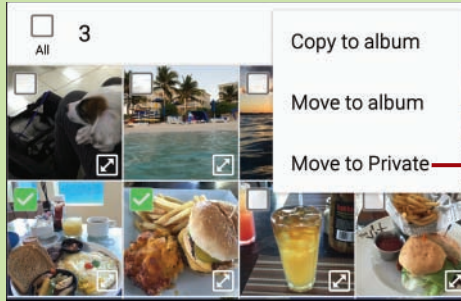


>>> Go Further

USING PRIVATE MODE

Private mode is a confusing feature. Essentially when Private mode is enabled, you can move content from certain apps to a secret, hidden area on your Note 5. You are also able to see content that you previously moved to this secret area. When Private mode is disabled, anything in the secret area becomes unavailable and invisible. When you enable Private mode again, you have to use a password, PIN, pattern, or your fingerprint. Private mode works only with the following

apps (that Samsung has heavily modified): Gallery, Video, Music, Voice Recorder, My Files, and Internet (not the Chrome browser). When Private mode is enabled, you tap the Menu icon to reveal a new menu item called Move to Private.

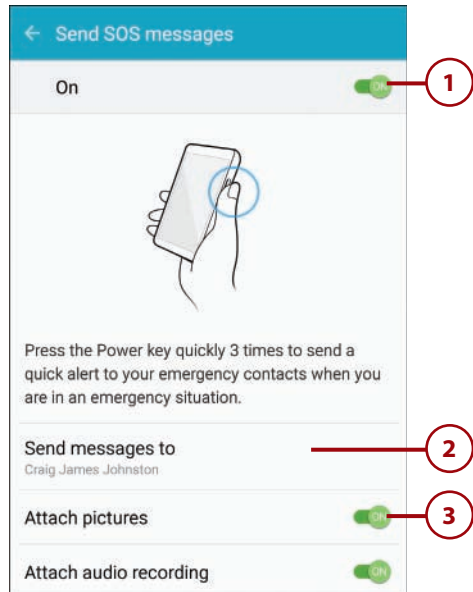


Move selected items to the Private area.

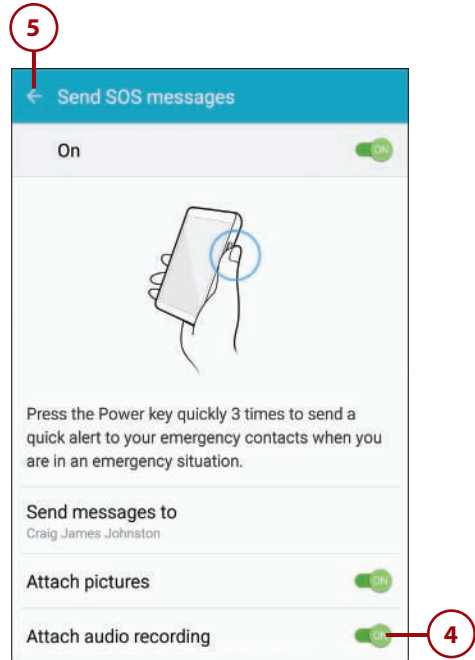
Send SOS Messages

When you have this feature enabled, if you find yourself in an emergency situation where you need help, you can press the Power button on your Note 5 three times in quick succession, and your phone starts taking note of your geographic location, recording audio, taking pictures, and sending it all to one or more contacts that you have previously set up.

1. Tap to enable the Send SOS messages feature. The first time you enable it, you are asked to choose at least one person from your contacts or to enter a new mobile phone number to be used by the feature.
2. Tap to manage which contacts will be sent your location, audio, and pictures when you trigger this feature. You can have more than one contact.
3. Tap to enable or disable including pictures with the SOS messages.



4. Tap to enable or disable including audio recordings with the SOS messages.
5. Tap to save your changes and return to the previous screen.



>>>Go Further

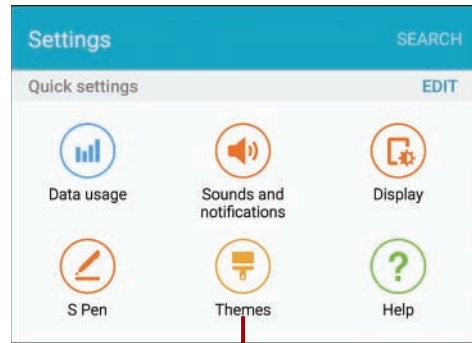
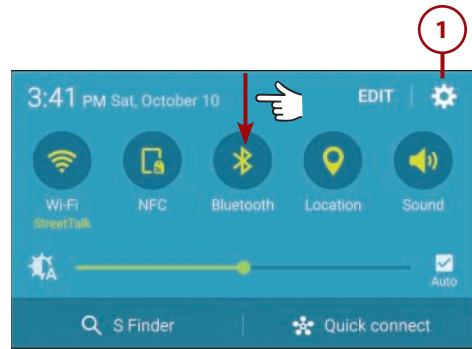
USING THE SEND SOS MESSAGES FEATURE

If you find yourself in an emergency situation, press the Power button three times in quick succession. Your phone immediately starts sending Save Our Souls (SOS) text messages to the people you have previously indicated should receive them. If you have chosen to, your phone also starts taking pictures and sending them. Finally, if you have chosen to, your phone starts recording audio and sending it to your chosen contacts. This continues until you stop it. To stop sending SOS messages, again press the Power button three times in quick succession.

Themes

Themes are packaged changes that, once chosen, change the look and feel of your Note 5. Themes have ability to change the system sounds, wallpaper, icons, fonts used, and colors used in phone menus and including the Notification screen. The themes can also modify the look and feel of some core Samsung apps, such as the Phone app.

1. Pull down the Notifications bar and tap the Settings icon.
2. Tap Themes in the Personal section or in the Quick Settings section.



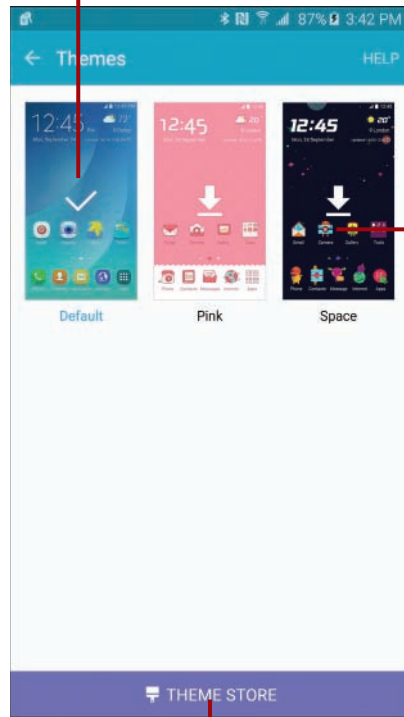
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CHANGE THEMES MORE QUICKLY

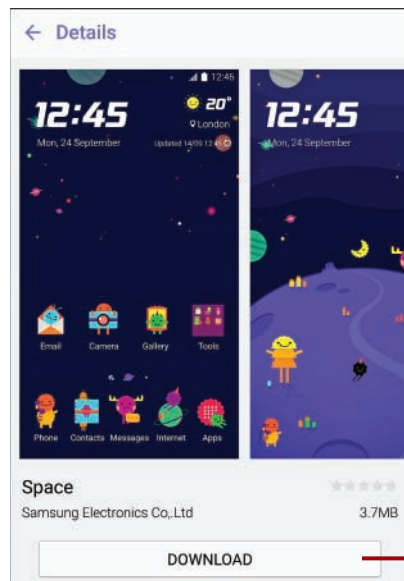
A faster way to get to the Theme screen is to touch and hold on the Home screen and tap Themes.

3. Tap a theme to download it and make it active. If you have previously downloaded and installed the theme, skip to step 5.
4. Tap Download to download and install the theme.

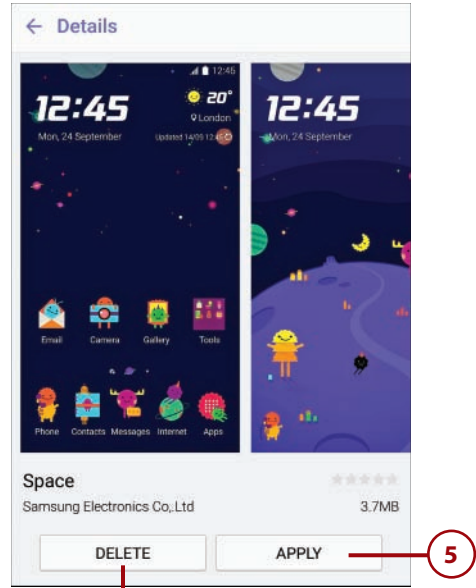
Applied theme



Download or purchase new themes.



5. Tap Apply.

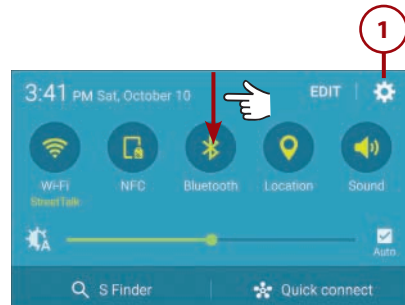


Tap to delete
the theme.

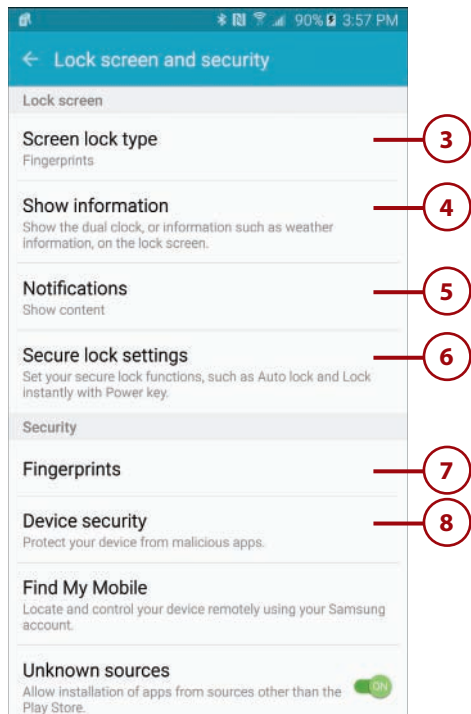
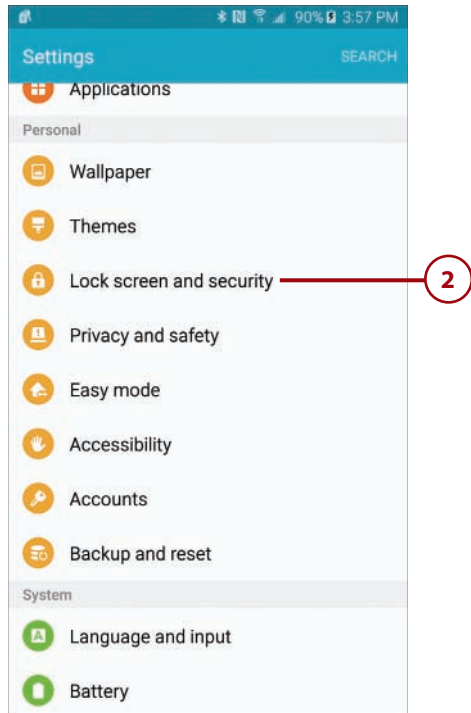
Lock Screen and Security

These settings screens allow to control what is shown on the Lock screen, how your device is unlocked, whether you want non-Google Play apps to be installed, and many other security-related options.

1. Pull down the Notification bar and tap the Settings icon.



2. Tap Lock Screen and Security.
3. Tap to change what must be done to unlock your phone's screen. You can choose to do nothing, or require a swipe across the screen, or you can use a security method like a numeric PIN, trace a pattern, type a password, or use your fingerprint.
4. Tap to choose what information is shown on the Lock screen. You can choose to show the clock, weather, and even your name.
5. Tap to choose whether notifications appear on the Lock screen, and if they do, whether they show the content of the notification or just the notification itself. You can also choose which apps can send notifications to the Lock screen.
6. Tap to manage your Secure Lock settings. Secure Lock settings include the setting for automatically locking the screen after a specified time, allowing you to press the Power button to lock the screen, and Smart Lock settings that allow you to keep your Note 5 unlocked under certain situations. See the "More About Smart Lock" margin note later in this section for more information.
7. Tap to manage your fingerprints. This includes adding or removing fingerprints, choosing when to use your fingerprint, and changing the backup password that you use when your fingerprint cannot be detected.
8. Tap to choose whether you want to enable Samsung's KNOX Active Protection (KAP) or install and use Samsung's My KNOX, which is a secure container for your company apps and data.

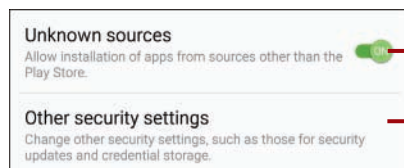
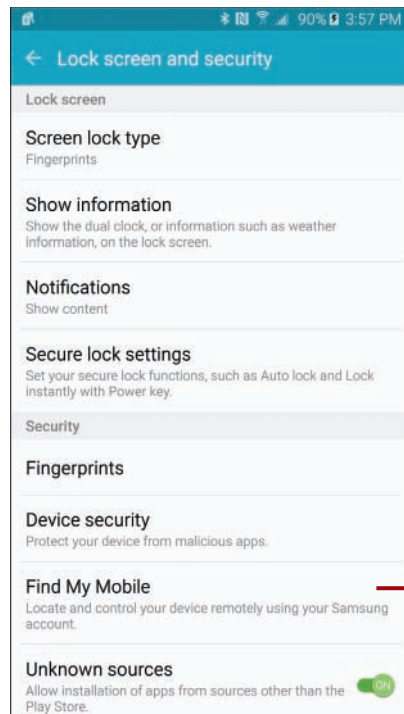


>>> Go Further

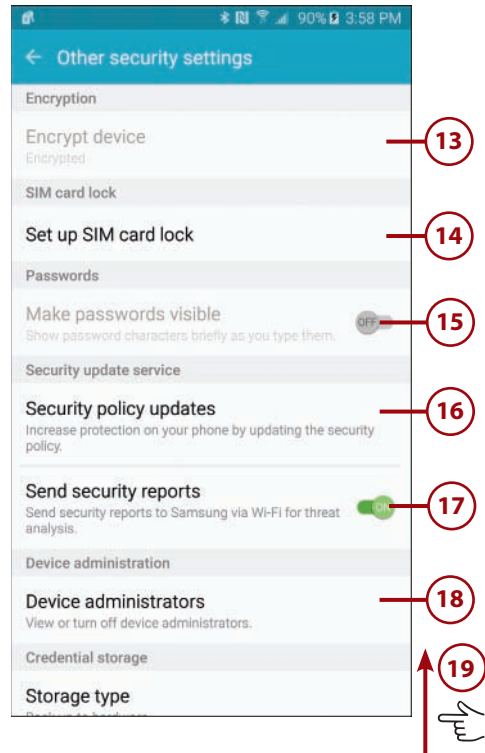
WHAT IS KNOX?

Samsung KNOX is a feature that, once enabled, creates a “container” on your Note 5 where your company information is kept separate from your personal information. You might want to use KNOX if you want to reduce the possibility that an app you install on your Note 5 might compromise or steal your company information. Read more about KNOX at <https://www.samsungknox.com>.

9. Tap to enable and manage Samsung’s Find My Mobile service. When it’s enabled, you can log in to the Find My Mobile website to track your stolen phone and send a remote wipe command to it. For more information, see the “More About Find My Mobile” note at the end of this chapter.
10. Swipe up for more settings.
11. Tap to be allowed to install Android apps that are not found in the Google Play Store. This is not recommended because apps that aren’t in the official app store might contain viruses and malware. Proceed with caution if you enable this feature. If you have enrolled your device in your company’s Mobile Device Management (MDM) system, you might be required to enable this option.
12. Tap to see other security settings.



13. Tap to encrypt your phone's file system. When the system is encrypted, if you power off your phone and then power it back on, you need to enter a numeric PIN to unencrypt your device before it starts up. In this example, the Note 5 is already encrypted.
14. Tap to set and manage a PIN to unlock your SIM card. If you use a PIN to lock your SIM card, you need to enter it in addition to entering any security measures you set for your phone.
15. Tap to enable or disable briefly showing each character of a password as you type it.
16. Tap to manage how your phone gets security policy updates from Samsung. You can choose to have them automatically download and installed, and you can choose to have them download only when you're connected to Wi-Fi.
17. Tap to enable or disable automatically sending security reports to Samsung.
18. Tap to manage device administrators. See the nearby margin note "More About Device Administrators" for more information.
19. Swipe up for more settings.



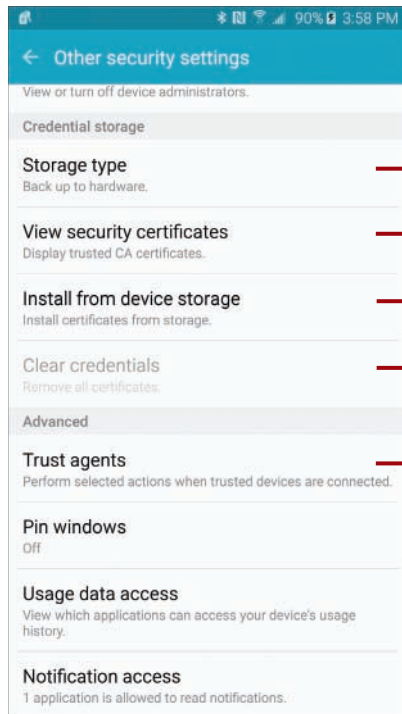
More About Device Administrators

Device Administrators are apps that you have given permission to administer your phone. One of the Device Administrators is the Android Device Manager. This enables you to log in to www.google.com/android/devicemanager on a desktop computer and reset your device password or erase all your device's data (in the event your phone has been stolen). If you enroll your phone in your company Enterprise Mobile Management (EMM) system, like those made by AirWatch or MobileIron, those systems also add a Device Administrator.

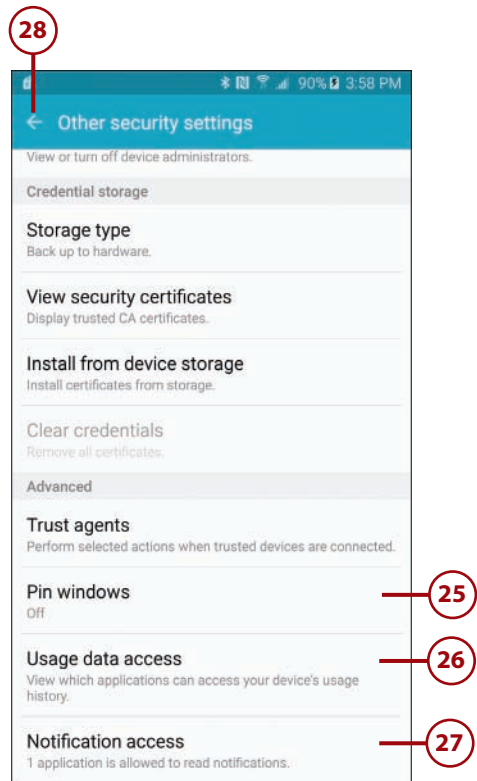
More About Smart Lock

Smart Lock is an Android security service that allows your device to automatically lock and unlock based on certain criteria and situations. For example, you can have your Note 5 unlock if it detects a trusted device, such as a smartwatch or other paired Bluetooth device. You can have your Note 5 unlock when it detects that it is within a certain geographical area. Finally, you can have your Note 5 unlock when it detects that it is on your body, either in your pocket or in your hand. To set up Smart Lock, open Settings, Lock Screen and Security, Secure Lock Settings, and tap Smart Lock.

20. The Storage type item is for information only. It indicates whether your phone supports storing your private encryption keys in the hardware (Hardware-backed) or stored in software only.
21. Tap to view and select or deselect trusted certificates that the Android system uses and the ones you may be using.
22. Tap to install certificates from your phone's storage. This assumes you previously saved the certificate to storage.
23. Tap to remove all trusted user certificates (if you are using any).
24. Tap to manage Trust Agents. Trust Agents are trusted agents or services that you trust to manage your phone's security. Today there is only one Trust Agent called Smart Lock, which is provided by Google. Smart Lock is discussed in more detail in a previous margin note.

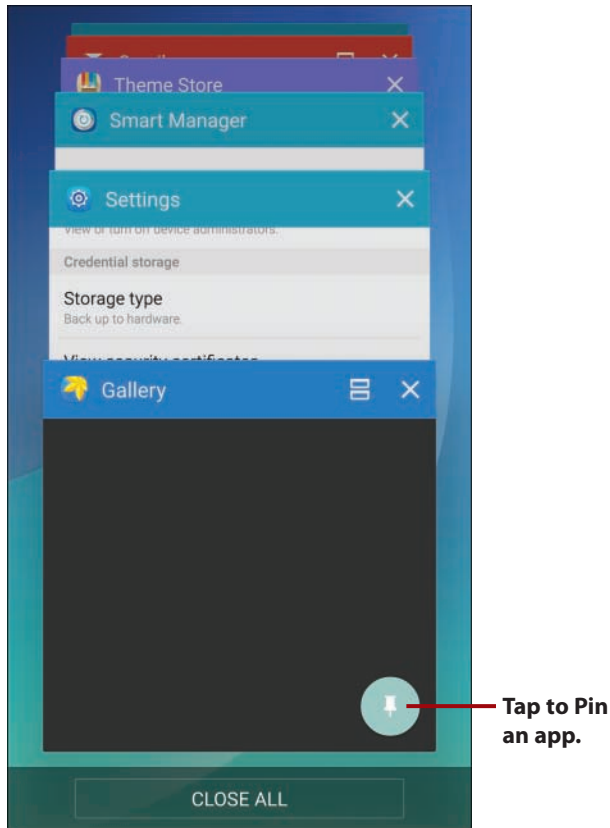


25. Tap to enable or disable Screen Pinning, which allows you to “pin” an app so that the person using it cannot exit the app. See the “More About Pinning an App” margin note for more information.
26. Tap to manage which apps running on your phone are allowed to collect app usage information about all apps you have installed. This usage information includes how often each app is run, how long it sits in the foreground (active on your screen), and how long it sits in the background (still running but not visible).
27. Tap to manage which apps have access to notifications that appear on your phone. Typically if you use an Android Wear Smartwatch, the Android Wear app is listed in this screen.
28. Tap to save your changes and return to the previous screen.



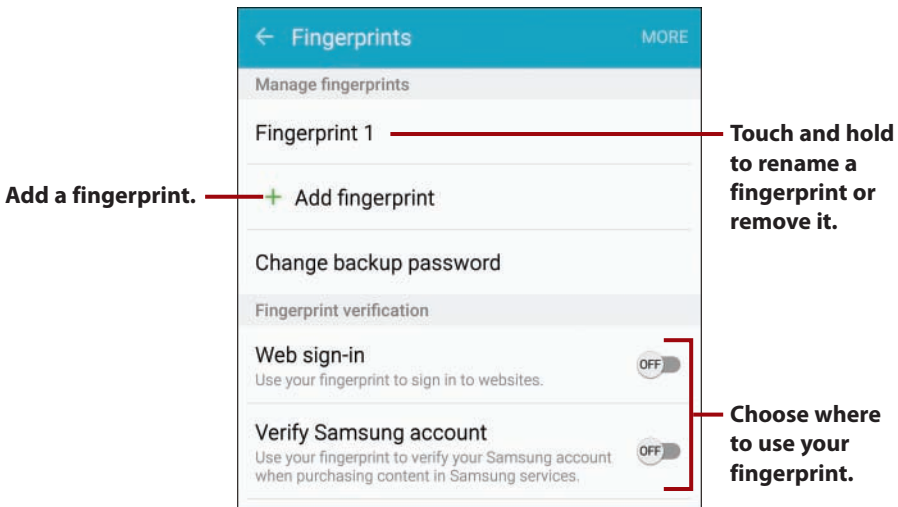
More About Pinning an App

When you enable screen pinning in step 24, you are enabling a feature that allows you to “pin” an app to the screen. When an app is pinned to the screen, you cannot exit the app, go back to the Home screen, pull down the Notification or Quick Settings bars, or do anything other than interact with the app. You can only pin the app you ran most recently. To pin an app to the screen, first run the app so that it is the most recently used app. Tap the Recent Apps button, and slide the app up so that you can see the pin icon. Tap the pin icon to pin the app to the screen. To exit pinned mode, touch and hold the Back and Recent Apps buttons at the same time. Pinning an app to the screen is a quick way to allow someone to use your phone without letting them access anything else other than the app they should be using.



More About Fingerprints

You can store one or more thumb- or fingerprints on your Galaxy Note 5, and choose to use them to unlock your phone, sign in to websites, and verify your Samsung account. To manage your fingerprints, tap Settings, Lock Screen and Security, Fingerprints. Use this screen to add fingerprints. As you add a new fingerprint, your phone walks you through the process of capturing your fingerprint via the fingerprint sensor in the Home button. You can also choose or change your backup password. You use your backup password if the fingerprint sensor cannot detect your fingerprint.



More About Find My Mobile

If you have a Samsung account, and you have enabled Find My Mobile in step 8, you can locate and remotely wipe your phone if it ever gets lost. To do this, open a desktop web browser on a computer, and browse to <https://findmymobile.samsung.com> to log in with your Samsung account. Once logged in, click Registered Device to select the device you want to work with (if you have more than one device registered). You can then locate your device, make the device play a ringtone (if you lost it in the couch and need to find it), enable Emergency mode, and enable Ultra Power Saving mode to conserve the battery. You can also remotely lock your device's screen, or send a wipe command that wipes your device and sets it back to factory condition. You would do this last step in a situation where your device has been stolen and you want to make sure that the thief doesn't get to your data.

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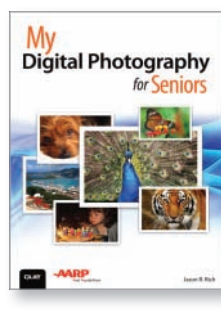
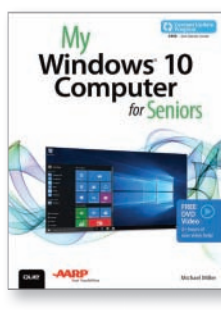
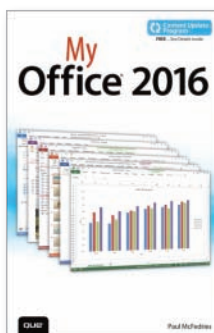
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