Android - User Survey (English)

Hello!

We are researchers from [anonymized].

We have recently discovered a security issue affecting Android phones. We have already informed Google about this issue, but we would strongly appreciate your help to better understand its impact. Specifically, we ask for your participation in the following survey, through which you will be asked some questions on your "relationship" with your Android phone. Importantly: **only participate in this survey if you own (and use) an Android smartphone!**

All data and inputs collected will be used anonymously and solely for scientific research. Your contribution is voluntary. <u>The survey will not take longer than five minutes</u>.

If you have questions or comments, feel free to email us [emails are anonymized].

* Indicates required question

1. Do you consent to participate in this survey and to the anonymous use of your data and input for scientific purposes? *

   Mark only one oval.

   ◯ Yes

   ◯ No

   Demographics

2. We are collecting your data anonymously. Please enter a random identification string in the text box below. In case you would like to drop out and want your data to be deleted in the future, you can send us the identification string and we will delete your data.   *

   Such a string can be anything, e.g. name of your dog, or your favourite number. Please choose a string that you can remember.

   _____

3. How old are you? *

   Mark only one oval.

   ◯ < 30 years

   ◯ 30 - 39 years

   ◯ 40 - 49 years

   ◯ 50 + years

   ◯ Prefer not to say

4. In which country do you currently reside? *

Mark only one oval.

- Afghanistan
- Akrotiri
- Albania
- Algeria
- American Samoa
- Andorra
- Angola
- Anguilla
- Antarctica
- Antigua and Barbuda
- Argentina
- Armenia
- Aruba
- Ashmore and Cartier Islands
- Australia
- Austria
- Azerbaijan
- Bahamas, The
- Bahrain
- Bangladesh
- Barbados
- Bassas da India
- Belarus
- Belgium
- Belize
- Benin
- Bermuda
- Bhutan
- Bolivia
- Bosnia and Herzegovina
- Botswana
- Bouvet Island
- Brazil
- British Indian Ocean Territory
- British Virgin Islands
- Brunei
- Bulgaria
- Burkina Faso
- Burma
- Burundi
- Cambodia
- Cameroon
- Canada
- Cape Verde
- Cayman Islands
- Central African Republic
- Chad
- Chile
- China
- Christmas Island

- Clipperton Island
- Cocos (Keeling) Islands
- Colombia
- Comoros
- Congo, Democratic Republic of the
- Congo, Republic of the
- Cook Islands
- Coral Sea Islands
- Costa Rica
- Cote d'Ivoire
- Croatia
- Cuba
- Cyprus
- Czech Republic
- Denmark
- Dhekelia
- Djibouti
- Dominica
- Dominican Republic
- Ecuador
- Egypt
- El Salvador
- Equatorial Guinea
- Eritrea
- Estonia
- Ethiopia
- Europa Island
- Falkland Islands (Islas Malvinas)
- Faroe Islands
- Fiji
- Finland
- France
- French Guiana
- French Polynesia
- French Southern and Antarctic Lands
- Gabon
- Gambia, The
- Gaza Strip
- Georgia
- Germany
- Ghana
- Gibraltar
- Glorioso Islands
- Greece
- Greenland
- Grenada
- Guadeloupe
- Guam
- Guatemala
- Guernsey
- Guinea
- Guinea-Bissau
- Guyana

- Haiti
- Heard Island and McDonald Islands
- Holy See (Vatican City)
- Honduras
- Hong Kong
- Hungary
- Iceland
- India
- Indonesia
- Iran
- Iraq
- Ireland
- Isle of Man
- Israel
- Italy
- Jamaica
- Jan Mayen
- Japan
- Jersey
- Jordan
- Juan de Nova Island
- Kazakhstan
- Kenya
- Kiribati
- Korea, North
- Korea, South
- Kuwait
- Kyrgyzstan
- Laos
- Latvia
- Lebanon
- Lesotho
- Liberia
- Libya
- Liechtenstein
- Lithuania
- Luxembourg
- Macau
- Macedonia
- Madagascar
- Malawi
- Malaysia
- Maldives
- Mali
- Malta
- Marshall Islands
- Martinique
- Mauritania
- Mauritius
- Mayotte
- Mexico
- Micronesia, Federated States of
- Moldova

- Monaco
- Mongolia
- Montserrat
- Morocco
- Mozambique
- Namibia
- Nauru
- Navassa Island
- Nepal
- Netherlands
- Netherlands Antilles
- New Caledonia
- New Zealand
- Nicaragua
- Niger
- Nigeria
- Niue
- Norfolk Island
- Northern Mariana Islands
- Norway
- Oman
- Pakistan
- Palau
- Panama
- Papua New Guinea
- Paracel Islands
- Paraguay
- Peru
- Philippines
- Pitcairn Islands
- Poland
- Portugal
- Puerto Rico
- Qatar
- Reunion
- Romania
- Russia
- Rwanda
- Saint Helena
- Saint Kitts and Nevis
- Saint Lucia
- Saint Pierre and Miquelon
- Saint Vincent and the Grenadines
- Samoa
- San Marino
- Sao Tome and Principe
- Saudi Arabia
- Senegal
- Serbia and Montenegro
- Seychelles
- Sierra Leone
- Singapore
- Slovakia

- Slovenia
- Solomon Islands
- Somalia
- South Africa
- South Georgia and the South Sandwich Islands
- Spain
- Spratly Islands
- Sri Lanka
- Sudan
- Suriname
- Svalbard
- Swaziland
- Sweden
- Switzerland
- Syria
- Taiwan
- Tajikistan
- Tanzania
- Thailand
- Timor-Leste
- Togo
- Tokelau
- Tonga
- Trinidad and Tobago
- Tromelin Island
- Tunisia
- Turkey
- Turkmenistan
- Turks and Caicos Islands
- Tuvalu
- Uganda
- Ukraine
- United Arab Emirates
- United Kingdom
- United States
- Uruguay
- Uzbekistan
- Vanuatu
- Venezuela
- Vietnam
- Virgin Islands
- Wake Island
- Wallis and Futuna
- West Bank
- Western Sahara
- Yemen
- Zambia
- Zimbabwe
- PREFER NOT TO SAY

5. Is your field of professional engagement directly related to information technology (IT), or do you consider yourself as a technology-savvy person? *

Only using computers, the Internet, or software as a part of your job or in your spare time does not count.

Mark only one oval.

◯ Yes

◯ No

6. Do you have an Android smartphone? *

Mark only one oval.

◯ Yes

◯ No

Your relationship with Android

7. Do you know the version of your Android phone? Alternatively, do you remember *when* (i.e., the year) in which you purchased the phone (if so, please specify the year in "Other"). *

(If you own more than one Android phone, please consider the phone you use the most.)

Mark only one oval.

◯ Android OS 9 or higher

◯ Android OS 7 or 8

◯ Android OS 5 or 6

◯ I don't know the OS version and I do not remember when I purchased my Android phone.

◯ Other: _____

8. Do you have an email account through which you use Google services (e.g., Google Maps, Google Play store, etc.), and is this email account linked to your Android phone? *

Mark only one oval.

◯ Yes, I use Google services, and my Android phone is linked to my email account.   *Skip to question 10*

◯ Yes, I use Google services, but my email account is not linked to my phone.   *Skip to question 15*

◯ No, I don't use Google services.   *Skip to question 15*

◯ I don't know.   *Skip to question 15*

9. Do you recognize the logo shown in this image? *

Mark only one oval.

◯ Yes, I have seen it, but I don't remember what it stands for.

◯ Yes, I have seen it, and I know what it stands for.

◯ No, I don't recognize it.

Google Assistant

10. Do you know what the "Google Assistant" is? *

Mark only one oval.

◯ Yes

◯ No

11. Did you recognize that the logo shown before was the logo of the Google Assistant? *

Mark only one oval.

◯ Yes

◯ No

12. Do you know if you have "Google Assistant" enabled on your Android phone? *

Mark only one oval.

◯ Yes, I know that it is enabled on my phone.

◯ Yes, I know that it is NOT enabled on my phone.

◯ No, I don't know if it is enabled or disabled.

13. Have you ever checked how to disable some specific functionalities of the "Google Assistant" from your phone? *

Mark only one oval.

◯ Yes, I have checked.

◯ No, I have never checked.

◯ I don't know.

◯ I do not have Google Assistant on my phone (and I am certain of this).

14. Under the assumption that you have linked your email account to your Android phone and Google Assistant-enabled: Did you know that *
"Google Assistant" triggers a notification about "A task being due soon" if you receive an email with the subject "Action required by tomorrow" -- even if you have never opened the email?

Mark only one oval.

◯ Yes, I was aware of this.   *Skip to question 19*

◯ No, I was not aware of this.   *Skip to question 19*

Google Assistant

15. Do you know what the "Google Assistant" is? *

Mark only one oval.

◯ Yes

◯ No

16. Did you recognize that the logo shown before was the logo of the "Google Assistant"? *

Mark only one oval.

◯ Yes

◯ No

17. Do you know if you have "Google Assistant" enabled on your Android phone? *

    Mark only one oval.

    ◯ Yes, I know that it is enabled on my phone.

    ◯ Yes, I know that it is NOT enabled on my phone.

    ◯ No, I don't know if it is enabled or disabled.

18. Have you ever checked how to disable some specific functionalities of the Google Assistant from your phone? *

    Mark only one oval.

    ◯ Yes, I have checked.

    ◯ No, I have never checked.

    ◯ I don't know.

    ◯ I do not have Google Assistant on my phone (and I am certain of this).

    Thank you for your participation!

    Please do not mention the specifics of this questionnaire on any online social network. We are still conducting research and would like to understand the unbiased opinions of other participants.

    However, we would strongly appreciate if you can share this questionnaire (this is the link: [link removed for anonymization],) with your contacts!

19. If you would like to know more about this issue, please provide your email address. In the meantime, you can watch a demonstrative video (250 seconds) here [link removed for anonymization], and you can also read the first page of a paper we are currently writing (available here [link removed for anonymization],).

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