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RUBBER

DUCKY

Detecting “Bad USB” attacks (Part II)

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1. Target phone

Android is a touch-centric operating system, but when you connect a keyboard to your smartphone or tablet, it supports some keyboard shortcuts out of the box. They aren't going to remove the need to use the touchscreen, but they can be useful for some tasks. These extensions make it possible to access any application or repository and make possible rubber ducky attacks[1].

1.1 Emails forwarder keystrokes rubber ducky

The next code is the full code used to open the email and forward it to the external address.

Text

Description automatically generated

Background pattern

Description automatically generated with low confidence

Now let’s have a look step by a step changes in the phone’s UI after inserting certain commands.

**Initial photo:**

Graphical user interface, application

Description automatically generated

**Command:**



**Result:**

A picture containing text, indoor, electronics

Description automatically generated

**Command:**

Shape

Description automatically generated with low confidence

**Result:**

A picture containing text, monitor, electronics, indoor

Description automatically generated

**Command:**

Text

Description automatically generated

**Result:**

A picture containing text, wall, monitor, electronics

Description automatically generated

A picture containing text, monitor, indoor, electronics

Description automatically generated

**Command:**

Graphical user interface, text

Description automatically generated

**Result:**

A picture containing text, monitor, electronics, indoor

Description automatically generated

**Command:**



**Result:**

A picture containing text, monitor, indoor, electronics

Description automatically generated

**Command:**



**Result:**

A picture containing text, indoor, electronics

Description automatically generated

**Command:**



**Result:**

A picture containing text, indoor, electronics

Description automatically generated

References

1. URL: https://defkey.com/android-bluetooth-shortcuts

[last accessed: 2022-06-20]