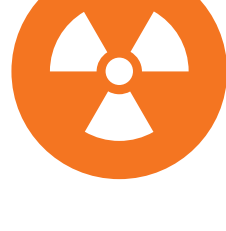




# McAfee LABS THREATS REPORT

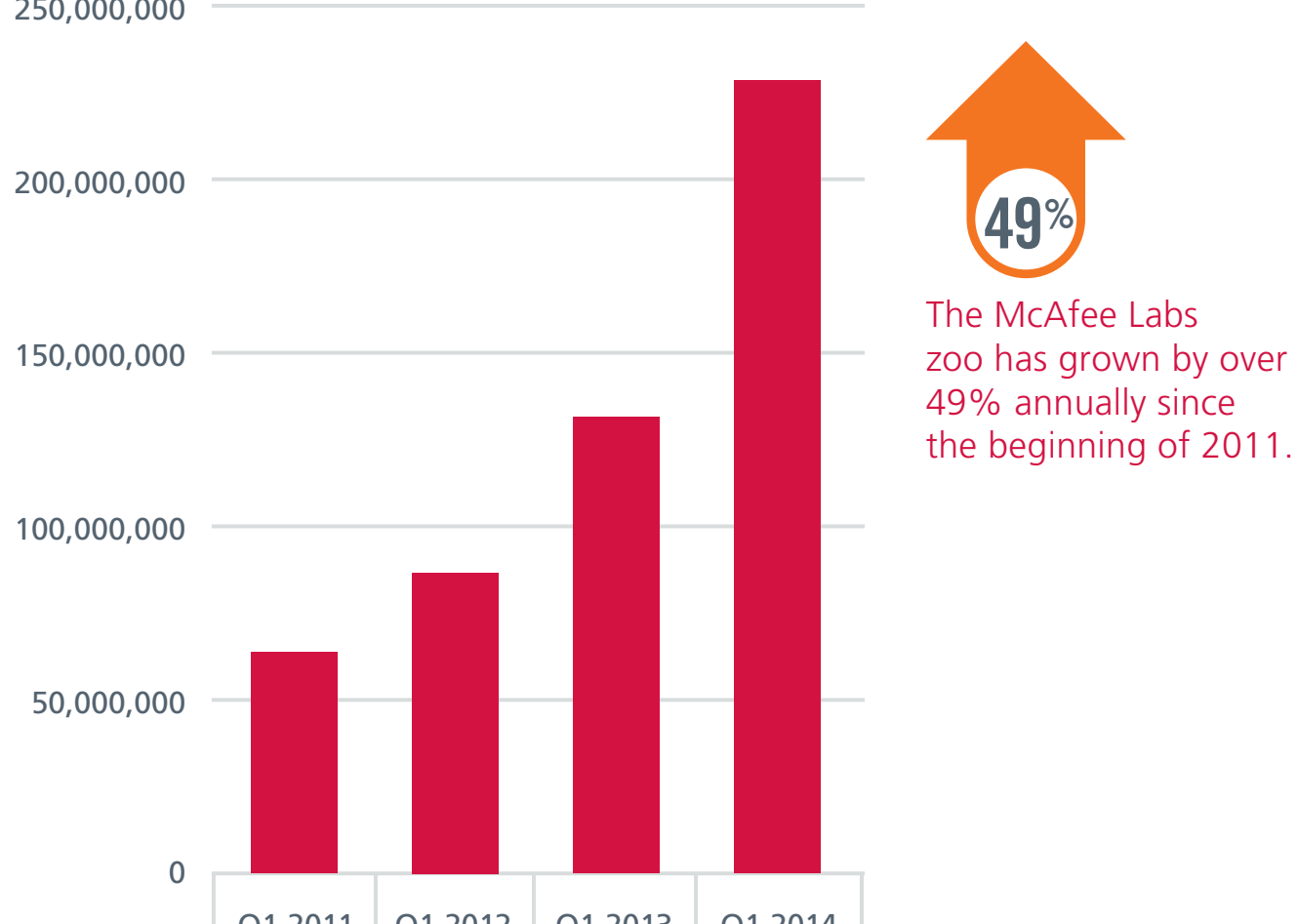
JUNE 2014



## THE TOTAL MALWARE MARCH CONTINUES

In Q1 2014, the **total malware sample** count in the McAfee Labs "zoo" **broke the 200 million** sample barrier.

### TOTAL MALWARE



## ATTACK OF THE FLAPPY BIRD CLONES!

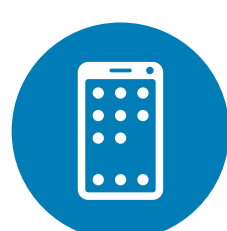


**79%** In Q1 2014, **79%** of all sampled **Flappy Bird clones** were **malicious**.

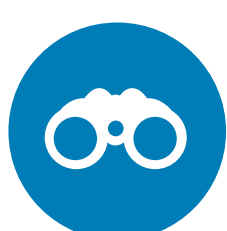
### MALICIOUS BEHAVIOR SEEN, ALL WITHOUT USER PERMISSION:



Makes calls



Installs additional applications



Monitors, records, and processes incoming SMS messages



Sends SMS messages



Sends user data to a cell number via SMS



Reads the user's contacts data



Extracts GPS location



Establishes root access to mobile device, allowing any action



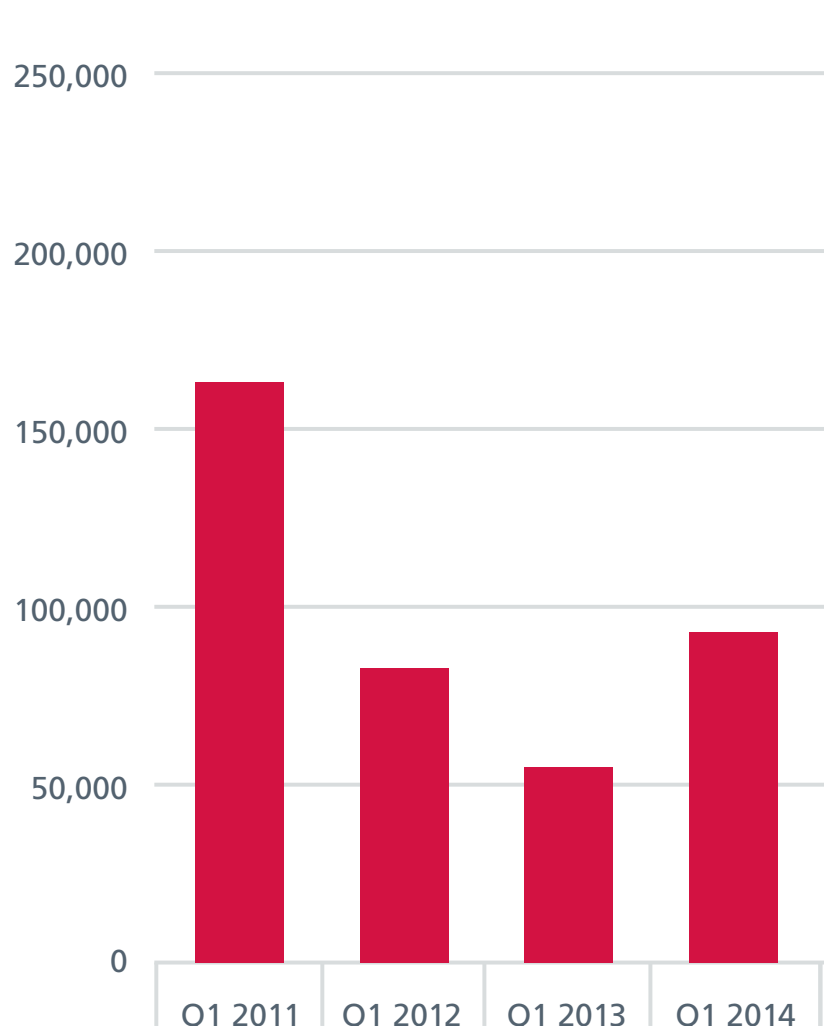
The original Flappy Bird game



A malicious Flappy Bird clone

## ROOTKITS REBOUND

### NEW ROOTKITS MALWARE



New rootkit samples declined from 2011 to 2012 and have been flat since then. McAfee Labs believes that new rootkit samples will grow as attackers learn how to circumvent security protection in 64-bit systems.

### HOW ATTACKERS CIRCUMVENT 64-BIT SYSTEM PROTECTION AGAINST ROOTKITS:



Exploiting known vulnerabilities in third-party kernel drivers



Stealing and using digital certificates



Disabling digital certificate checking



Discovering and exploiting zero-day vulnerabilities in kernel code



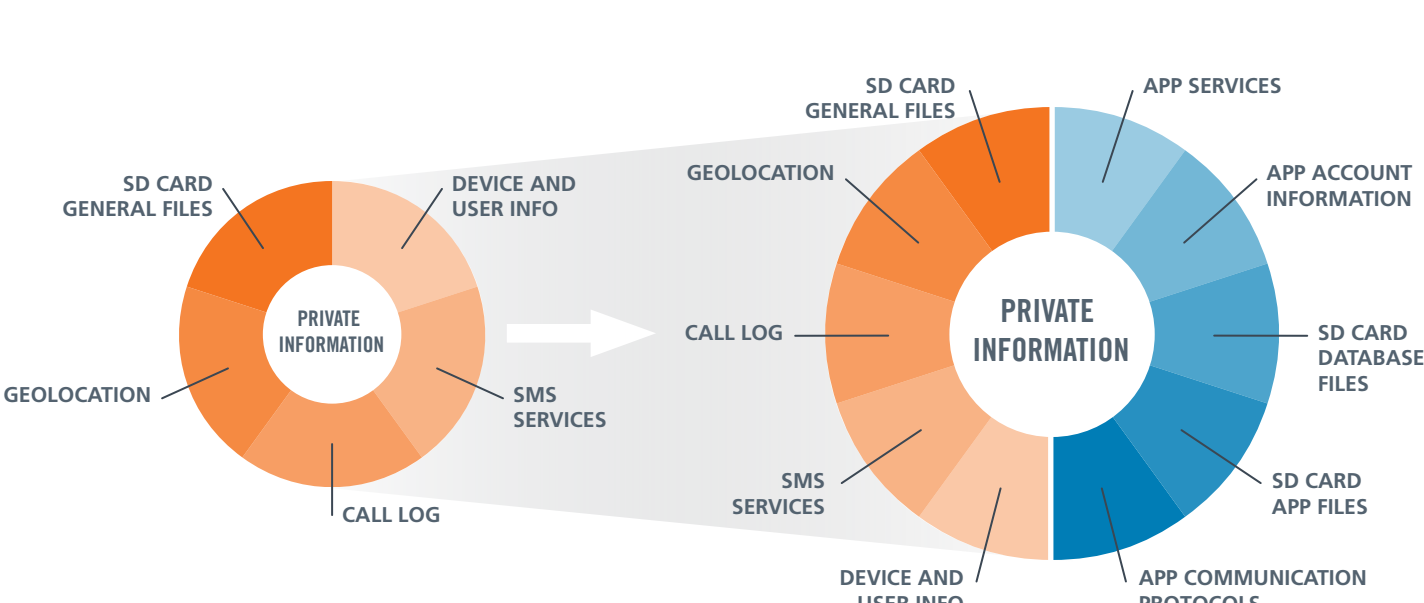
Disabling kernel patch protection

## MOBILE MALWARE CONTINUES TO ATTACK

Mobile apps increase the size of the attack surface.

### MOBILE PLATFORM ATTACK SURFACE

### MOBILE PLATFORM + APP ATTACK SURFACE



Platform security is not enough. App developers need to be vigilant about app security and users need to be mindful when granting permission requests.

READ THE **McAfee LABS THREATS REPORT: JUNE 2014.**

Visit <http://mcafee.com/wz2jh> to learn more.



SOURCE: "McAfee Labs Threats Report: June 2014." <http://mcafee.com/wz2jh>

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