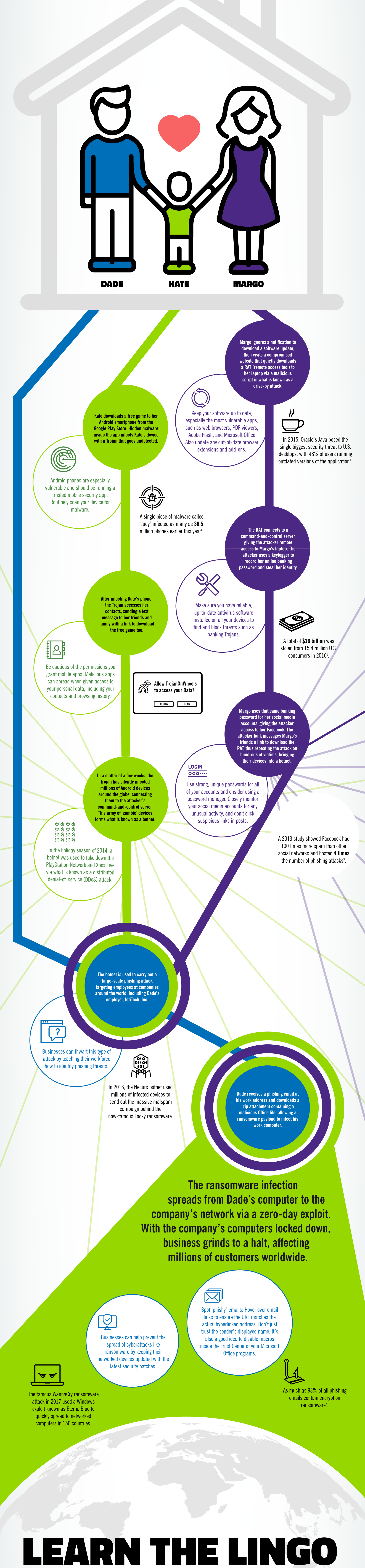


# ONE WRONG CLICK

Our world is more connected than ever, and that means we all play a role in making the internet a safer place to learn, connect, and do business. Here's an example of how every

member of your family can play a part in the global spread of cyberattacks. Follow the safe habits below to stop cyber threats in their tracks.



# LEARN THE LINGO

## Common cybersecurity terms you should know

**Antivirus software** is a program or set of programs designed to prevent, search for, detect

and remove software viruses, and other malicious software like worms, trojans, adware, and more.

A **bot** is an Internet-connected device that has been taken over and used to do something

other than what was intended, usually via a remote access tool (RAT). Many bots are combined to form a **botnet**, which can be used to carry out different types of cyberattacks.

**Command-and-control servers** are used to issue commands to devices that are part of a botnet

**Firewalls** act as protective barriers between computers and the internet. It is recommended

you install them on your computers, laptops, tablets and smartphones, if available.

**Hacking** is the act of gaining unauthorized access into computer systems, usually in order to steal, change or destroy information, often by installing dangerous malware without your knowledge or consent.

**Keyloggers** are programs that record every keystroke made by a computer user, especially in

order to gain fraudulent access to passwords and other confidential information.

**Phishing** is a social engineering hack that involves tricking people into revealing personal information, such as passwords and credit card numbers. These attacks are usually in the form of emails, text messages, or websites that look legitimate.

**Malware** is short for “malicious software” and includes any program or file on a computer

used to run unauthorized processes. Malware is used by cybercriminals to commit crimes such as identity theft and credit card fraud.

**Ransomware** is a type of malware that blocks access to your files until a "ransom" payment

A **RAT** or **remote access tool** is a program used to remotely access or control a computer.

**Trojans** is a form of malware that misleads users of its true intent. Ransomware attacks are

often carried out using a Trojan.

A **zero-day exploit** takes advantage of a security vulnerability in software before the software's creator becomes aware and fixes it.

Java is the biggest vulnerability for US computers, by Maria Korolov. CSO Online, 1/26/2015  
 2017 Identity Fraud: Securing the Connected Life, by Al Pascual, Kyle Marchini, Sarah Miller. Javelin Strategy, 2/1/2017.  
 STUDY: Facebook has 100X More Spam Than Other Social Networks, 4X More Phishing Attacks, by David Chen. AdWeek, 10/1/2013.

93% of phishing emails are now ransomware, by Maria Korolov. CSO Online, 6/1/2016.