Protegiendo mis Dispositivos

Martín Hoz – mhoz@fortinet.com VP de Ingeniería, Fortinet.







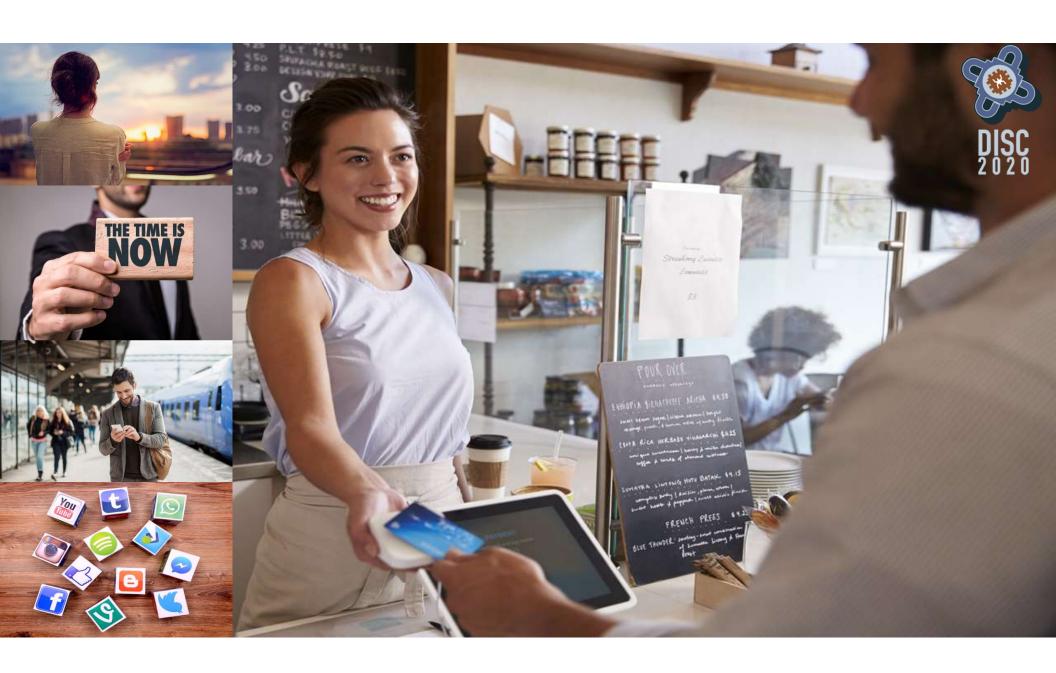


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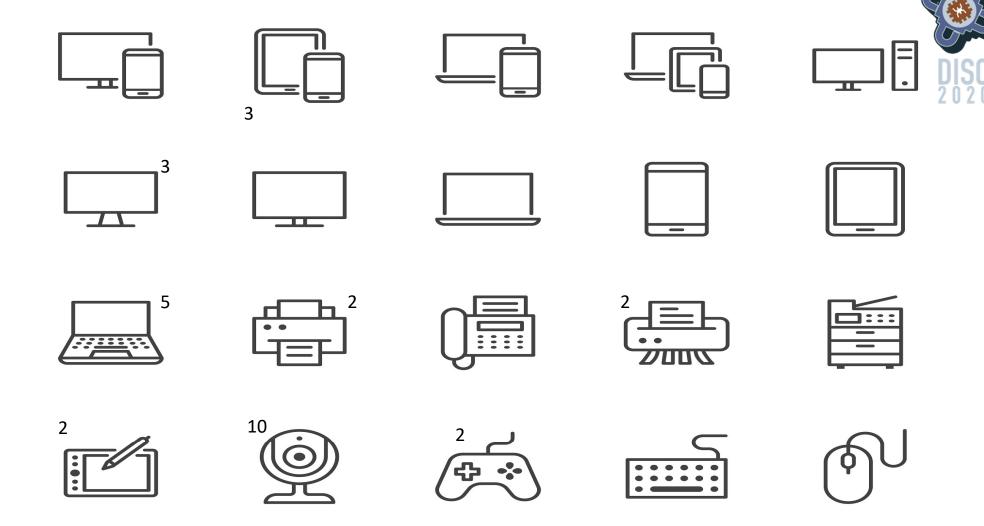


"No es lo mismo *Los 3* mosqueteros..."





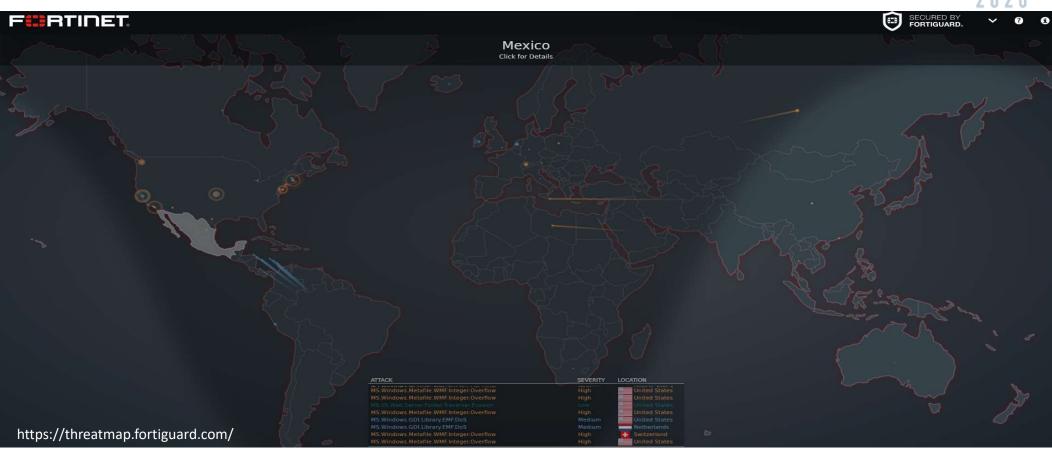






Los ataques ocurren en todos lados.





Ataques en México - 3er Trimestre 2020



https://www.fortinetthreatinsiderlat.com/es/Q3-2020/MX/html/trends#trends position

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Creating a Cyber Secure Home

1 SECURING YOURSELF

Cyber attackers have learned that the easiest way to get something is to simply ask for it. As such, common sense is your best defense, if a message or phone call seems odd, suspicious or too good to be true, it may be an attack, Here are some examples:

Phishing emails are emails designed to fool you into opening an infected attachment or clicking on a malicious link. These emails can be very convincing; they may appear to come from a friend or organization you know. Sometimes cyber attackers even use details from your social media accounts to craft customized phishing attacks.

Someone calls you pretending to be Microsoft tech support. They claim that your computer is infected, when they are really just cyber criminals that want access to your computer or want you to buy their fake anti-virus software.

2 SECURING YOUR HOME NETWORK

Your Wi-Fi router (also called a Wi-Fi Access Point) is a physical device that controls who can connect to your wireless network at home:

Always change the default admin password on your Wi-Fi router to a strong password only you know.

Configure your Wi-Fi network so that if anyone wants to join it, they have to use a password. In addition, always configure your wireless network to use the latest encryption, which is currently WPA2.

Be aware of all the devices connected to your home network, including baby monitors, gaming consoles, TVs or perhaps even your car.

3 SECURING YOUR COMPUTERS / DEVICES

Here are some steps to protect any device connected to your home network:

Ensure all devices are protected by a strong PIN or passcode and always running the latest version of their software. Whenever possible, enable automatic updating.

If possible, have two computers at home, one for parents and one for kids. If you are sharing a computer, make sure you have separate accounts for everyone and that kids do not have privileged access.

Computers should have a firewall and anti-virus installed, enabled and running the latest version.

Before disposing of computers or mobile devices, be sure they are wiped of any personal information. For mobile devices, this can be done by selecting the option for a secure reset of the device.

"As technology becomes more important in our personal lives, so does securing it. Here are some fundamental steps you should always take to help protect yourself and your family."

Lori Rosenberg - eBay

TO LEARN MORE, SUBSCRIBE TO OUR MONTHLY SECURITY AWARENESS NEWSLETTER

www.securingthehuman.org/ouch



SECURING YOUR ACCOUNTS / PASSWORDS

You most likely have a tremendous number of accounts online and on your devices and computers. Here are some key steps to protecting them:

Always use long passwords that are hard to guess. Use passphrases when possible. These are passwords that have multiple words, such as "Where is My Coffee?"

Use a different password for each of your accounts and devices. Can't remember all of your strong passwords? We recommend you use a password manager to securely store them. This is a computer program that securely stores all of your passwords in an encrypted vault.

Use two-step verification whenever possible. Two-step verification is when you need a password and something else to log in to your account, such as a code sent to your smartphone.

On social media sites, post only what you want the public to see. Assume anything you post will eventually be seen by your parents or boss.

5 WHAT TO DO WHEN HACKED

No matter how secure you are, sooner or later, you may be hacked:

Create regular backups of all your personal information. If your computer or mobile device is hacked, the only way you can recover all of your personal information may be from backups.

If one of your online accounts has been hacked, immediately log in and change the password to a strong, unique password. If you no longer have access, contact the company.

Monitor your credit cards. If you see any charges you do not recognize, call the credit card company right away.

ABOUT THE POSTER

This poster was developed as a community project by the following security professionals:

Lori Rosenberg, eBay - Tonia Dudley, Charles Schwab - Rhonda Kelly, Oshkosh Corporation - Jonathan Matys, GM Financial - Karen McDowell, University of Virginia - Michele D'Anna, JHU/APL - Kitty Berra, Saint Louis University - Sorina Dunose, Ubisoft Divertissements Inc - Mark Merkow, Charles Schwab - Roberto Rodriguez, MySherpa - Antonio Merola, Poste Italiane - Barbara Filkins, skWorks - Vaman Amarjeet - James McQuiggan, Central Florida ISSA - Karla Thomas, Tower International - Tim Harwood, HS and TC - Denise Fredregill - Christopher Sorensen

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https://www.fortinet.com/blog/industry-trends/tips-for-staying-secure-while-working-from-home



Blog

Business & Technology Threat Research Industry Trends

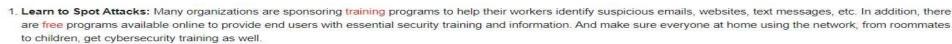
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Seven Recommendations for Remote Workers

During the last several months, IT teams have been scrambling to close the security gaps in their remote worker strategy. But while 92% of organizations report budget investments address teleworker security, end users are still the front line of any security strategy – and never more so than now. Here are a few suggestions of what they can do to reduce sks.



- 2. Harden Passwords: Another easy step is to simply make passwords harder to guess, and also use different passwords for different accounts. To manage these passwords, use a secure password management system that can remember passwords. Then all anyone needs to remember is the login information for that one application.
- Use Multi-Factor Authentication (MFA): Also known as two-factor authentication, MFA combines something a user knows, such as a password, with something they have, such as a fingerprint or a security token. MFA should especially be used when accessing financial information or logging onto the company network.
- 4. Patch Home Devices: Have users look at all of their devices at home and make sure they are running the latest versions of their operating systems. Even gaming and entertainment systems have options that let users check to see if they are running the latest version.
- 5. Secure Home Networks: This is probably a good time to consider adding or upgrading a security application to protect the home network and devices from attacks. In addition, many home routers now include gateway security which should also be enabled. Some cable operators and internet service providers also provide free security. Remote workers should make sure that logging onto the home WiFi requires a password. They should consider an email gateway that can detect and filter out malicious email attachment and links.
- 6. Improve Device Security: New advanced endpoint security solutions, known as endpoint detection and recovery (EDR), not only provides better threat detection, but also prevents infections that manage to get onto your device from executing their malware. EDR solutions should not only be applied to remote worker devices, but also on other endpoint devices in the home.
- 7. **Upgrade Internet Connections:** Remote workers should consider upgrading their internet service so they can run business-critical applications even when others are streaming movies or playing online games. Companies should consider providing funds to help offset the cost of a bandwidth upgrade.

Enhance Your Remote Work Security Now

Cybercriminals will continue to target remote workers, with no signs of letting up. Adding these seven steps to any corporate security strategy is the right way to begin protecting today's distributed networks that include remote workers.

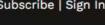








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Tighten Cybersecurity In Your Home Office With These 13 Expert Tips



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Higiene Digital





- Antivirus/ Firewall personal/ AntiMalware/ IPS-WCF /xDR
- Siempre actualizar
 - · Sistema Operativo y protección
 - Firmware, TV, Impresoras, ...
- Siempre cambiar defaults
 - Contraseñas, niveles de seguridad. Equipos y red.
- Menos privilegios

Cuidados mínimos al usar tecnología





- No confiarse de extraños
 - Sean personas o programas
 - Hardening de Apps
 - Solo redes confiables
- Respaldar siempre
 - Siempre duplicados
 - En medios fuera de línea
- Separar responsabilidades
 - Personal vs Trabajo
 - Público vs Privado
 - "Necesidad de conocer"



Plataforma de ciberseguridad para la superficie de ataque digital











Acceso de Red con Confianza Cero





Punto terminal



Red (NAC)



Gestión de Identidad



de la red

Redes basadas en Seguridad



Alto

Desempeño





SD-WAN + SD Branch



Switch



Próxima Generación



Seguridad dinámica para nube







Virtuales

Nube Privada







Chassis de Alto Desempeño

Gestión de Seguridad basada en IA



















Centro de Gestión Completa



Conectores / APIs













¡ Muchas gracias!

¿ Preguntas ?





Martín Hoz mhoz@fortinet.com