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# The Tech Insider



"Insider Tips To Make Your Business Run Faster, Easier and More Profitably"



## IMPLEMENT ZERO TRUST FOR YOUR OFFICE GUEST WI-FI

**Celebrating over TWENTY FIVE YEARS of Service and Satisfied Customers!**



"As a business owner, you don't have time to waste on technical and operational issues.

That's where we shine! Call us and put an end to your IT problems finally and forever!"

Fred Holzager,  
 IT Director  
 Holzager Technology Services and  
 Publisher of  
*The Tech Insider*

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Guest Wi-Fi is a convenience your visitors expect and a hallmark of good customer service. But it's also one of the riskiest points in your network. A shared password that's been passed around for years offers virtually no protection, and a single compromised guest device can become a gateway for attacks on your entire business. That's why adopting a Zero Trust approach for your guest Wi-Fi is essential.

The core principle of Zero Trust is simple but powerful: never trust, always verify. No device or user gains automatic trust just because they're on your guest network. Here are some practical steps to create a secure and professional guest Wi-Fi environment.

### Build a Totally Isolated Guest Network

The first and most crucial step is complete separation. Your guest network should never mix with your business traffic. This can be achieved through strict network segmentation by setting up a dedicated Virtual

Local Area Network (VLAN) for guests. This guest VLAN should run on its own unique IP range, entirely isolated from your corporate systems. Then, configure your firewall with explicit rules that block all communication attempts from the guest VLAN to your primary corporate VLAN. This strategic containment ensures that if a guest device is infected with malware, it cannot pivot laterally to attack your servers, file shares, or sensitive data.

### Implement a Professional Captive Portal

Get rid of the static password immediately. A fixed code is easily shared, impossible to track, and a hassle to revoke for just one person. Instead, implement a professional captive portal, like the branded splash page you encounter when connecting to Wi-Fi at a hotel or conference. This portal serves as the front door to your Zero

*(Continued on page 2)*

**Snapple Real Fact #1550**  
 "Ants won't cross a chalk line."

**"We Love Referrals" 2026 Offer**

**Keeping with the spirit of helping others, if you refer a business to us and they become our customer, we will donate \$100 to your favorite charity.**

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**For more information, please see our website at [www.tech4now.com/we-love-referrals](http://www.tech4now.com/we-love-referrals), contact us by phone at 201-797-5050**

# Quotations

*"I cook with wine, sometimes, I even add it to the food."*

—W.C. Fields

*"Write it on your heart that every day is the best day in the year."*

—Ralph Waldo Emerson

*"Successful people don't waste time staring in the rearview mirror. They know the past can't be fixed, and they sure as hell don't use it as a parking spot!"*

—Chris Voss

*"Let the wife make the husband glad to come home, and let him make her sorry to see him leave."*

—Martin Luther

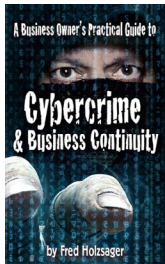
*"Everybody needs beauty as well as bread, places to play in and pray in, where nature may heal and give strength to body and soul."*

—John Muir

*"Some cause happiness wherever they go; others, whenever they go."*

—Oscar Wilde

## Read Fred's Book!



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# IMPLEMENT ZERO TRUST FOR YOUR OFFICE GUEST WI-FI NETWORK

*(Continued from page 1)*

Trust guest Wi-Fi.

You can configure it securely in several ways. For example, a receptionist could generate a unique login code that expires in 8 or 24 hours, or visitors could provide their name and email to receive access. For even stronger security, a one-time password sent via SMS can be used. Each of these methods enforces the 'never trust' principle, turning what would be an anonymous connection into a fully identified session.

### Enforce Policies via Network Access Control

Having a captive portal is a great start, but to achieve true guest network security, you need more powerful enforcement, and that is where a Network Access Control (NAC) solution comes into play. NAC acts like a bouncer for your network, checking every device before it is allowed to join, and you can integrate it within your captive portal for a seamless yet secure experience. If the guest's device fails posture checks, the NAC can redirect it to a walled garden with links to download patch updates or simply block access.

### Apply Strict Access Time & Bandwidth Limits

Trust isn't just about determining who is reliable, it's about controlling how long they have access and what they can do on your network. Use your NAC or firewall to enforce strict session timeouts, requiring users to reauthenticate after a set period, such as every 4 hours.

Similarly, implement bandwidth throttling on the guest network. It is also a good business practice to prevent network congestion by activities that do not align with your business operations.

### Create a Secure and Welcoming Experience

Implementing a Zero Trust guest Wi-Fi network is no longer an advanced feature reserved for large enterprises, but for all business sizes.

Do you want to secure your guest Wi-Fi without the

**"Trust isn't just about determining who is reliable, it's about controlling how long they have access and what they can do on your network."**

## "I DIDN'T KNOW"

### Unfortunately, That Excuse Doesn't Replenish Your Bank Account, Resolve A Data Breach Or Erase Any Fines And Lawsuits.



It's coming ...

- That day a hacker steals critical data, rendering your office useless
- That day when your bank account or credit card is compromised
- Or that day when your customers' private lives are uprooted

Cybercriminals and hackers are constantly inventing NEW ways to infiltrate your company, steal your assets and disrupt your life. The ONLY way to STOP THEM

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complexity? Contact us today to learn more. When you see you need help, we're available when you need us and dedicated to your success.

**QUICK SECURITY TIPS:** Now that the holidays are behind us, the scammers will return to some of their old ways of swindling innocent end users who may easily fall prey to social engineering.

If you were to receive an email from a company that indicates you owe them money. What would be your first thought and response?

1. Ignore their message because you don't want to pay any outstanding bills with large penalties.
2. Contact the company to see what caused the discrepancy and how to clear it up.
3. Immediately delete the message because you know you always pay your bills on time and in full, so you must have been contacted in error.

What if the "agent" could help you resolve your issue quickly and in a painless and penalty-free manner? Would you be interested in knowing more? How about if all it would take is to send the amount owed in gift cards or instant cash transfer methods like Venmo or Zelle for easier processing? Be wary!

#### I wish I'd known:

- 👁 Scammers send out AI generated emails. The wording is alarming or worrisome to elicit a quick response. Once you call them, you will already have signalled to them—We've got a **live one**.
- 👁 Don't let them on your computer! If they gain access to your PC, they can install a remote access software or a virus.

#### Tells to look for:

- 👁 Do you have any normal interaction with anyone from that organization or bad vibes? **HANG UP!**
- 👁 Scammers use a level of urgency in their tone or level of intensity about guilt to manipulate you.
- 👁 The agent gets you stressed to keep you online.
- 👁 Did you look up the company's phone or call the number provided. Always look up the number! Your awareness is the priority to your safety; Ask a friend. Not sure? Then, **HANG UP!** If you gave access, shutdown PC & contact your bank, IT and police.

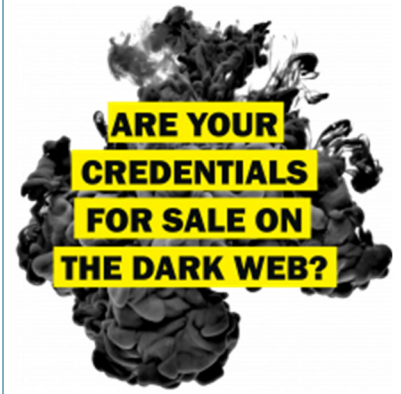
# More Cringeworthy and Ponderances from Dad

How many times have you heard a quick one or two liner that made you cringe or ponder? How about some more? *Many memes are from shared friend groups.*

- ☺ What sounds like a sneeze and is made of leather? A shoe!
- ☺ I was confused when my printer started playing music... until I realized it was a paper jam.
- ☺ Today, I saw a dwarf climbing down a prison wall. I thought to myself that's a little condescending.
- ☺ I never called you stupid, but when I asked you to spell "orange," and you asked me, "the fruit or the color?" it kind of caught me off guard.
- ☺ 6:30 is the best time on a clock... Hands down!
- ☺ Why do cows have hooves and not feet? They lactose!
- ☺ An early thought for spring... We all want to park in the shade, but no one wants to plant a tree.
- ☺ Dear Verizon, How can I use 75% of my unlimited plan?

- ☺ Today I'm doing nothing since I started doing it yesterday and I wasn't finished.
- ☺ Why do we call them buildings when they're already built?
- ☺ Why does "cleave" mean both split apart and stick together?
- ☺ The severity of the itch is proportional to inability to reach it.
- ☺ I took my new girlfriend to the ice rink on our first date. It was half-price night. She called me a cheap-skate.
- ☺ Clapping is literally hitting yourself because you like something.
- ☺ I'm not a passive aggressive unlike "some" people.
- ☺ I hate Russian dolls, too! They are so full of themselves.
- ☺ Do dogs see police dogs and think, Oh, no, it's the cops!
- ☺ What do you call a cow with no legs? Ground Beef.
- ☺ I wonder what my dog calls me.
- ☺ Well, if it isn't the bridge I said I would cross when I came to it.

- ☺ Lately, many officeworkers have become rather clever in assessing their colleagues:  
**Cordless:** only works for 2 hours.  
**E.T.:** always wants to go home.  
**Kitkat:** always taking a break.  
**Muffler:** always exhausted.  
**Seaweed:** just floats around all day.  
**Sensor Light:** only works if someone walks past.  
**Wheelbarrow:** only works when pushed.
- ☺ Why do Koi fish travel in groups of four? To protect the group from predators. When attacked, kois A, B and C will go in one direction; the fourth one is the D koi.
- ☺ Yesterday, I bought a map of the World. I then gave my wife a dart, and told her to throw it, and wherever it lands, I will take you there on holiday. This year, we're spending three weeks behind the fridge.
- ☺ A burglar broke into our house last night. I didn't hurt him. I just put the red laser dot on his forehead. Our three cats did the rest.



Find Out with a Complimentary Dark Web Scan  
**Did you know...?**


- Cyber-attacks have continued to grow in cost, size, and impact—causing 60% of SMBs to go out of business within 6 months of a cyber incident.
- Over 80% of data breaches leverage stolen passwords as the principal attack vector—often acquired on the *Dark Web*.
- Far too often, companies that have had their credentials compromised and sold on the Dark Web don't know it until they have been informed by law enforcement—but then, it's too late.
- To help keep your critical business assets safe from the compromises that lead to breach and theft, we are offering a complimentary, one-time scan with **Dark Web ID™ Credential Monitoring**.

If you are interested in learning more about the risks involved in ignoring your password security, give us a call at (201) 797-5050 or visit our website at <https://www.tech4now.com/dwid> or [www.tech4now.com/bullphish](https://www.tech4now.com/bullphish)

## Quick Productivity Tips

**NOTE:** It is best to read this column while at your computer for a better understanding of the content

For those of you still interested in learning more about Windows 11, here are more tips. This month, we shall focus on "**The Secret Toolbar**."

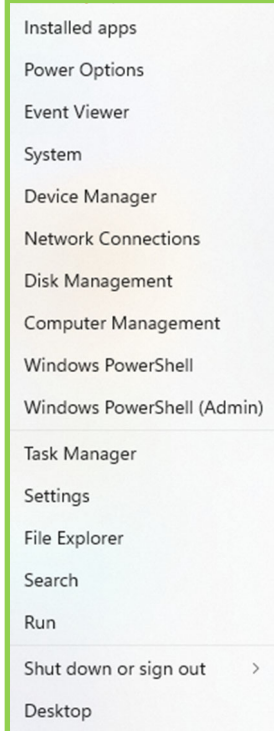
To open it, simply **Right click** on your Windows 11 icon **Start Button** (  ) [mind you, the new logo is four blue squares in one square shape.], then it will display. Most options you would select while running Windows 11 appear in that menu. It is like having direct access to Settings and a number of utility applications built-in to Windows.

Most of the utilities are self-explanatory. If you want to see which applications are installed, go to **Installed apps**. If your computer tends to shut down when you walk away, you can use the **Power options** to make sure it stays awake or doesn't power down.

The apps *Computer Management*, *Disk Management* and *Device Manager* are dedicated applications which help you to see what's going on with your PC.

**Computer Management** can show you who is an administrator vs Standard user, which security groups they are in or even which files may be open and by whom for file shares.

**Disk Management** lets you determine if a drive is healthy (how full it may be, the size of the drive etc.). It can also give you the ability to change the assignment of a drive letter for access to that drive.



**Device Manager** allows you to see if the drivers for the hardware are current, and if a device is missing its software, a simple inventory of your system's hardware components will appear in alphabetical order to allow you to identify it. It also comes in handy when troubleshooting a problem on the computer, since it gives icons to highlight if a part is failed and needs replacing.

Many of the tools are useful to those who "Administer" machines because they provide event logs access (**Event Viewer**); **Network Connections** give access to networks via Wi-fi or cabling, reveal addresses each computer uses, how many connections the machine uses or if it is even online.

The most common tools for end users include the Windows **File Explorer**, **Search**, **Run** and **Settings**.

Two other simple commands shown are the **Shut down or sign out** (when you are done for the day) and **Desktop**

showing you all of the applications and files stored on the Desktop screen. I imagine, you are aware the *desktop icons* may be hidden or shown (Right-click on the desktop space and Left-click on View > Show desktop icons). This action is a *toggle*, so either you hide or reveal the icons and expose the background image depending on if you are "ON" or "OFF." Even if it is off, the files may still be viewed by opening the File Explorer and selecting the Desktop with its contents. *We hope this helps you to grow.*



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*"Fred Holzager has been an invaluable asset to our company. His extensive knowledge and expertise in solving a wide range of technical issues have saved us on numerous occasions. Whether it's a minor glitch, complex computer problem, or installing completely new computers for our office, Fred always has the solution, and he's incredibly responsive. His dedication to ensuring our systems run smoothly is truly appreciated, and we feel secure knowing that Fred is just a call away. We couldn't ask for a more reliable and skilled IT professional!"—David Kessler, Kessler Properties, Clifton, NJ*

January 2026

## The Lighter Side...

### The Dark Side of Married Life

A police officer called the station house on his radio. "I have an interesting case here. An old lady shot her husband for stepping on the floor after she just mopped it."

Response on the radio, "Have you arrested the woman yet?"

Officer: "No, not yet. The floor's still wet."

### The Inductee

In 1974, Thomas Miller, a Kentucky native and avid trapper, was drafted by the Army. On his first day in Basic Training, The Army issued him a comb. On the same day, they sent him to the camp's barber, who proceeded to shave off all of his hair. On the second day, the Army issued him a toothbrush. Later that day, he was sent to the dentist. Before he exited the chair, the dentist had extracted six of his teeth. Then, on the third day, the Army issued Thomas a jock strap. It's now been 52 years since the Army has last seen him.

### A Flying Turtle

Deep within a forest a little turtle began to climb a tree. After hours of effort he reached the top, jumped into the air waving his front legs and crashed to the ground. After recovering, he slowly climbed the tree again, jumped, and fell to the ground.

The turtle tried again and again while a couple of birds sitting on a branch watched his sad efforts. Finally, the female bird turned to her mate.

"Dear," she chirped, "I think it's time to tell him he's adopted."

### The Persistent Insurance Agent

An insurance agent approaches a cowboy, trying to sell him an accident policy.

The agent inquires, "Have you ever had an

accident?"

"Never," the cowboy responds. "However, just recently, a horse kicked in two of my ribs, and back a couple years ago, a rattlesnake bit my ankle."

"Wouldn't you call these accidents?" says the puzzled agent.

"Nah," the cowboy replies. "They both did it on purpose!"

### A Military Strategy

The captain of Washington's navy was tasked with protecting the harbor from British infiltration. On his first day on the job his first mate hollered down "Ahoy, captain—one enemy ship on the horizon!"

The captain hollered back "One enemy ship—bring me my red shirt!"

The first mate gave the captain his red shirt and, after

putting it on, the captain and his crew proceeded to trounce the enemy ship.

A few days later the first mate hollered down "Ahoy, captain—two enemy ships on the horizon!"

The captain hollered back "Two enemy ships—bring me my red shirt!"

The first mate provided the shirt which the captain put on and, once again, the captain and his crew proceeded to pummel the enemy ships.

Later that night, the first mate asked the captain what the deal was with the red shirt.

The captain said that it was all psychological. If he was ever cut or injured during battle the blood wouldn't show up against a red shirt. This way his crew could fight on confident that their captain was always healthy and strong and capable of fighting right along with them.

"Interesting" said the first mate, "Very clever."

A few days later the first mate eyed what he thought could be real trouble coming their way and he hollered down "Ahoy, captain—ten enemy ships on the horizon!"

And the captain immediately hollered back "Ten enemy ships—bring me my brown pants!"