

The background of the slide is a collage. The top-left quadrant shows a stack of papers with a blue tint. The top-right quadrant shows a close-up of a clock face with a purple tint. The bottom-left quadrant shows a stack of papers with a green tint. The bottom-right quadrant shows a clock face with a yellow and orange tint.

IAS RESEARCH

The Engineering Company

Stop. Think. Connect.

Cybersecurity is a shared responsibility.

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General Security

General Security

[IRS and US-CERT Caution Users: Prepare for Heightened Phishing Risk This Tax Season](#)

[Sochi 2014 Olympic Games](#)

[International Mobile Safety Tips](#)

[Keeping Children Safe Online](#)

[Debunking Some Common Myths](#)

[Real-World Warnings Keep You Safe Online](#)

[Understanding Anti-Virus Software](#)

[Understanding Firewalls](#)

[Good Security Habits](#)

[Choosing and Protecting Passwords](#)


[Coordinating Virus and Spyware Defense](#)

[Safeguarding Your Data](#)

Protect Myself from Cyber Attacks

What You Need To Know- General

- Never click on links in emails.
- Never open the attachments.
- Do not give out personal information
- Set secure passwords and don't share them with anyone.
- Keep your operating system, browser, anti-virus and other critical software up to date.
- Verify the authenticity of requests from companies or individuals by contacting them directly.
- Pay close attention to website URLs.
- For e-Mail, turn off the autoreponder
- Be suspicious of unknown links or requests sent through email or text message.



Cyber Threats and Attacks for Non Technical User-

Attacks and Threats

[Handling Destructive Malware](#)

[Understanding Hidden Threats: Rootkits and Botnets](#)

[Dealing with Cyberbullies](#)

[Avoiding the Pitfalls of Online Trading](#)

[Identifying Hoaxes and Urban Legends](#)

[Understanding Hidden Threats: Corrupted Software Files](#)

[Recognizing Fake Antiviruses](#)

[Recognizing and Avoiding Spyware](#)

[Understanding Denial-of-Service Attacks](#)

[Avoiding Social Engineering and Phishing Attacks](#)

[Preventing and Responding to Identity Theft](#)

[Recovering from Viruses, Worms, and Trojan Horses](#)



Email and Communication Threats

[Staying Safe on Social Network Sites](#)

[Understanding Your Computer: Email Clients](#)

[Understanding Digital Signatures](#)

[Using Instant Messaging and Chat Rooms Safely](#)

[Using Caution with Email Attachments](#)

[Benefits of BCC](#)

[Reducing Spam](#)

[Benefits and Risks of Free Email Services](#)

General Information

[Understanding ISPs](#)

[Why is Cyber Security a Problem?](#)

[Guidelines for Publishing Information Online](#)



Phone, Tablet and Kiosks

[Protecting Portable Devices: Physical Security](#)
[Holiday Traveling with Personal Internet-Enabled Devices](#)

[Cybersecurity for Electronic Devices](#)

[Using Caution with USB Drives](#)

[Securing Wireless Networks](#)

[Protecting Portable Devices: Data Security](#)

[Defending Cell Phones and PDAs Against Attack](#)



Internet Privacy

Privacy

Supplementing Passwords

Effectively Erasing Files

How Anonymous Are You?

Understanding Encryption

Protecting Your Privacy



Browsing- Mobile and Desktop

Safe Browsing

[Shopping Safely Online](#)

[Understanding Bluetooth Technology](#)

[Understanding Web Site Certificates](#)

[Avoiding Copyright Infringement](#)

[Understanding Your Computer: Web Browsers](#)

[Understanding Internationalized Domain Names](#)

[Evaluating Your Web Browser's Security Settings](#)

[Browsing Safely: Understanding Active Content and Cookies](#)



Filesharing- Torrent Leaches

Software and Applications

Understanding Voice over

Internet Protocol (VoIP)

Risks of File-Sharing Technology

Reviewing End-User License

Agreements

Understanding Your Computer:

Operating Systems

Understanding Patches



Unified Threat Management-Engineering Solutions

Unified threat management (UTM) or **unified security management (USM)**, is a solution in the [network security](#) industry, and since 2004 it has gained currency as a primary network gateway defense solution for organizations.^[1] In theory, UTM is the evolution of the traditional [firewall](#) into an all-inclusive security product able to perform multiple security functions within one single system: network firewalling, [network intrusion prevention](#) and [gateway antivirus](#) (AV), [gateway anti-spam](#), [VPN](#), [content filtering](#), [load balancing](#), [data leak prevention](#) and on-appliance reporting.

Snort's open source network-based intrusion detection system (NIDS)- Engineering Solutions

Snort's open source network-based intrusion detection system (NIDS) has the ability to perform real-time traffic analysis and [packet logging](#) on [Internet Protocol](#) (IP) networks. Snort performs protocol analysis, content searching, and content matching. These basic services have many purposes including [application-aware triggered quality of service](#), to deprioritize bulk traffic when [latency-sensitive applications](#) are in use. [\[1\]](#)

The program can also be used to detect probes or [attacks](#), including, but not limited to, [operating system fingerprinting](#) attempts, [common gateway interface](#), [buffer overflows](#), [server message block](#) probes, and stealth [port scans](#).[\[8\]](#) Snort can be configured in three main modes: sniffer, packet logger, and network intrusion detection.[\[9\]](#) In sniffer mode, the program will read network packets and display them on the console. In packet logger mode, the program will log packets to the disk. In intrusion detection mode, the program will monitor network traffic and analyze it against a rule set defined by the user. The program will then perform a specific action based on what has been identified.[\[10\]](#)

Questions and Answers

Slide Download URL- dropbox/INDIANARMY- ask
Soura

Non Technical User questions

Engineering & Technical Solutions questions

You can ask questions later using email:

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