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Issue #22

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## Cybersecurity Month

It's the final days of Cybersecurity Awareness Month... did you walk away with any valuable info, action items, or next steps? Here's one more look at some great resources:

- [Cisco Cybersecurity Awareness Month](#)
- [Cybersecurity & Infrastructure Security Agency](#)
- [Cybersecurity is a Team Sport \(NSA\)](#)
- [National Cybersecurity Alliance](#)

**CYBERSECURITY BASICS:**

**MAKE A LONG, UNIQUE PASSPHRASE**  
Length trumps complexity. A strong passphrase is a sentence that is at least 12 characters long. Focus on positive sentences or phrases that you like to think about and are easy to remember.

**PASSPHRASES AREN'T ENOUGH**  
Use 2-factor authentication or multi-factor authentication (like biometrics, security keys or a unique, one-time code through an app on your mobile device) whenever offered.

**WHEN IN DOUBT, THROW IT OUT**  
Links in email, tweets, texts, posts, social media messages and online advertising are the easiest way for cyber criminals to get your sensitive information. Be wary of clicking on links or downloading anything that comes from a stranger or that you were not expecting. Essentially, just don't trust links.

**KEEP A CLEAN MACHINE**  
Keep all software on internet connected devices – including personal computers, smartphones and tablets – current to reduce risk of infection from ransomware and malware. Configure your devices to automatically update or to notify you when an update is available.

**DEFINITION OF CYBERSECURITY:**  
Measures taken to protect a computer or computer system (as on the Internet) against unauthorized access or attack (Merriam-Webster)

**Download Handout**

**Are You CyberSmart?**

Test your knowledge with this short quiz!

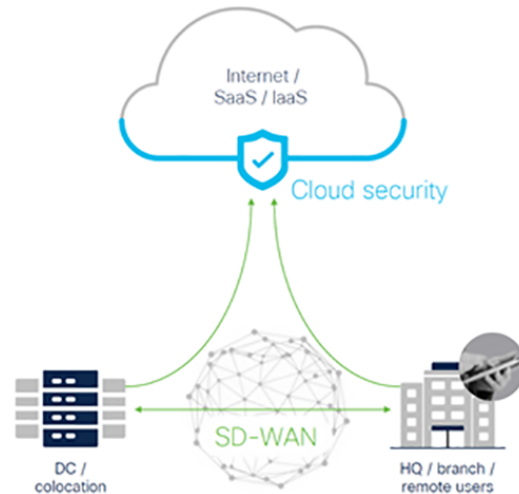
**Start**

Looking for guidance or know a project that you want to get started? Our team can help:

**Let's get started!**

## SASE Architecture

We are now realizing the need for Secure Access Service Edge (SASE). IT teams face a common challenge: how to securely enable the growing universe of roaming users, devices, and software as a service (SaaS) apps without adding complexity or reducing end-user performance - all while leveraging their existing security investments.

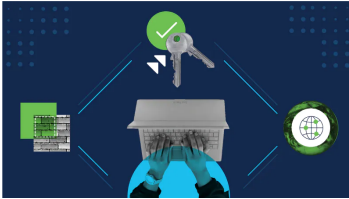


This article explores the origins of SASE, today's challenges, SASE architecture, and business flows:

**Keep reading**

# Configuring Remote Access VPN

There has been recent guidance from the United States National Security Agency (NSA) recommending that organizations adopt Internet Protocol security with Internet Key Exchange version 2 (IPsec IKEv2) for Remote Access Virtual Private Networks (RA VPNs) due to numerous instances of attackers leveraging vulnerabilities in Secure Sockets Layer / Transport Layer Security (SSL/TLS) implementations.



In this paper, DSI Sr. Network Security Engineer Marvin Rhoads demonstrates how to implement these recommendations via configuration of a solution that uses the capabilities of Cisco's current security product portfolio.

Let's dive in!

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## Go Passwordless

It's no secret - passwords can be a real headache, both for the people who use them and the people who manage them. Over time, we've created hundreds of passwords, it's easy to lose track of them, and they're easily compromised.

Advances in secondary factors have led many to question the need for and the use of the password at all. If strong authentication is based on multiple factors, and passwords are the most vulnerable factor, **why even require them?**

**"By 2022, 60% of large and global enterprises, and 90% of midsize enterprises (MSEs), will implement passwordless methods in more than 50% of use case, which is an increase from fewer than 5% today."**

This realization has led the industry to move toward **replacing passwords altogether with more secure, simplified methods of authentication.**

Fortunately, [passwordless authentication](#) is becoming a feasible reality for many businesses.

Tell me more

# DSI E-Rate Webinar

**E-Rate 2022:**  
**Program Updates & How to Get Funding**

Join Cisco experts for a look into E-Rate 2022! Identify current challenges, learn about changes & products, and see how you can get funding for your school or library. Includes interactive polls, a fun quiz, and Q&A. Gift card prize for the quiz winner!

**Tuesday, Nov. 16**  
**1:00-2:00PM ET**

**CLICK HERE TO REGISTER**



## Open Positions

### Join the DSI Team

DSI is committed to employee satisfaction through our benefits program and a friendly, team-based culture. We provide a positive environment for you to grow, learn, and excel as an industry professional. If you are looking for an exciting place to work that challenges your abilities and is financially solid and growing every year, then this is the place for you!

The DSI team is growing! [Current job openings & career paths](#) include **Accounting, Contracts & Proposals, Engineering, HR, IT Management, and Sales (Federal & SLED in various locations).**

**Join our team!**

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DSI provides complete IT solutions and services that are secure, innovative, energy efficient, and cost effective. Our customers include State & Local Government and Education (SLED), Federal agencies, and commercial companies. We hold nationwide contracts that are supported by a team of industry professionals and certified engineers. Learn more at [dsitech.com](https://dsitech.com).



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