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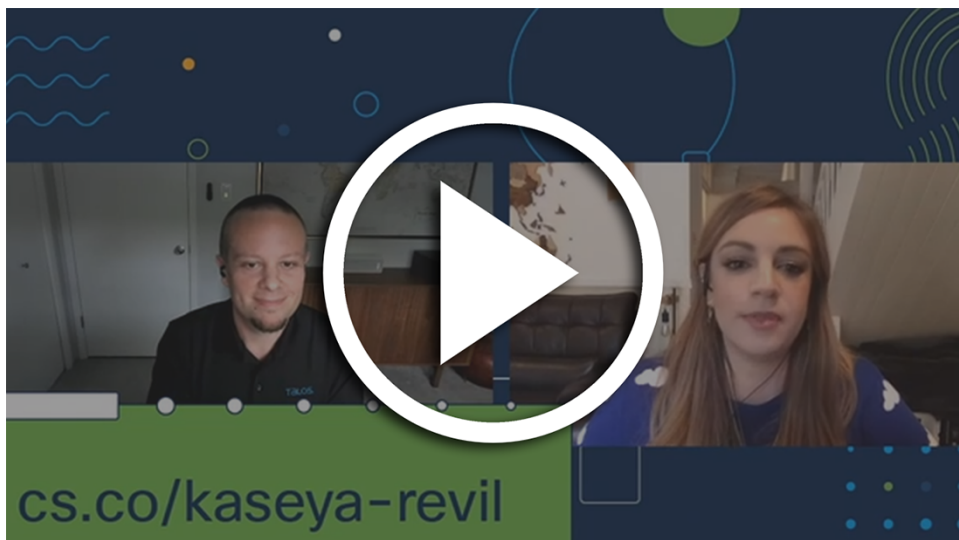
Ransomware Attacks

Since July 2, 2021, the [Cybersecurity & Infrastructure Security Agency \(CISA\)](#) along with the FBI have been responding to a global cybersecurity incident in which cyber threat actors executed ransomware attacks - leveraging a vulnerability in the software of Kaseya VSA on-premises products - against Managed Service Providers (MSPs) and their downstream customers.



In addition to the [CISA announcement](#), you can read more about this attack and affected MSPs from [Cisco Security](#) or the [Cisco Talos Threat Advisory page](#).

Check out this video for attack facts and what it all means for defense plans moving forward:



How to Avoid Ransomware

Ransomware attacks happen constantly and to all types of agencies, businesses, governments, organizations, and school systems. These nine security practices provide guidance for preventing an expensive and harmful ransomware attack from happening to you.

Not sure what to do next? Simply reach out to DSI and we'll help get you started!

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- 1 Email Filtering & Anti-Phishing Training**
Emails should be filtered to block spam and malicious attachments/links from reaching users. It is critical that employees are aware of network security obligations and are regularly trained on phishing, which includes how to spot, avoid, and report attempts. Companies should also conduct periodic phishing exercises to test if employees will click on attachments and embedded links in fake emails, and provide additional training as needed.
- 2 Vulnerability & Patch Management**
Companies should have a documented program to identify, assess, track, and remediate vulnerabilities on all enterprise assets within their infrastructure. The program should include periodic penetration testing. Timely remediation of vulnerabilities is essential and requires strong governance, including assignment and tracking of responsibilities. Vulnerability management should include requirements for timely application of security patches & updates. Regulated companies should enable automatic updates wherever possible.
- 3 Multi-Factor Authentication (MFA)**
- 4 Password Management**

[Download Handout for Details](#)

Download the [handout](#) to learn more about each of these actions:

- 1** Email Filtering & Anti-Phishing Training
- 2** Vulnerability & Patch Management
- 3** Multi-Factor Authentication (MFA)
- 4** Password Management
- 5** Disable RDP Access
- 6** Privileged Access Management
- 7** Segregated & Tested Backups
- 8** Monitoring & Response
- 9** Incident Response Plan

Let us protect you! Get a network security assessment, product demos, and expert advice:

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exciting place to work that challenges your abilities and is financially solid and growing every year, then this is the place for you!

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