



FINANCIAL SERVICES

Information Sharing and Analysis Center

FS-ISAC Monthly Newsletter

February 5, 2016

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FS-ISAC Webinars

Using the Force: Managed Services for Application Security Testing

Digital | February 24

[Register here](#)

White Paper: Cybercrime Report Q4 2015

ThreatMetrix | Available until April 1

[Register here](#)

Upcoming Events

FS-ISAC Cyber Threat Intelligence Training

London, England | February 22-26

[Register here](#)

FS-ISAC Advanced Threat Technical Exchange

Jersey City, NJ | February 26

[Register here](#)

Information Sharing Workshop at RSA

San Francisco, CA | March 2

[Register here](#)

Cyber Threat Intelligence Training

Reston, VA | March 14 - 17

[Register here](#)

Information Sharing Workshop: "Security Analytics"

Chicago, IL | April 5

[Register here](#)

2016 FS-ISAC Annual Summit

Miami Beach, FL | May 1 - 4

[Register here](#)



Annual Summit Brochure Available

The official brochure for the FS-ISAC Annual Summit, May 1-4 in Miami, FL, is now available on the FS-ISAC [website](#). The brochure includes session descriptions, solutions showcase details, registration and hotel information. This is posted under News & Publications on www.fsisac.com and is a great document to print for management approval.

You won't want to miss out on this year's world-class lineup of panels, forums, and sessions. Topics range from the future of cybercrime to the role that CISO's play in enterprise risk management, and more. Register today to take advantage of early bird [registration!](#)

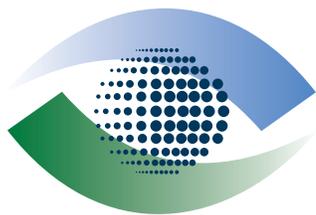
APAC Summit Early Bird Registration Is Now Open

The first ever APAC Summit will be held in Singapore, June 20-22. Visit www.fsisac-summit.com/2016-fs-isac-apac-summit for more details. Early bird Registration is now open through May 20; [Register today](#).

Threats to Watch for in 2016

FS-ISAC analysts constantly monitor persistent and emerging threats. Among those that are at the top of the current list include:

- **Business E-mail Compromise (BEC):** Payment fraud using compromised executive e-mail accounts to send wire transfer instructions to employees, unaware the account has been spoofed. Companies have been known to lose hundreds of thousands of dollars in these scams.
- **Manipulation of Data:** Possibly one of the most overlooked risk in many organizations. The manipulation of data to redirect funds to a criminal's bank account, or to change dollar amounts owed to a customer or third party, could result in a loss of confidence and financial losses.
- **Malvertising:** This continues to be a persistent threat. Service providers for financial institutions have been specifically targeted. The ISAC Analysis Team assess with medium confidence that these are not coincidental and the intention is to compromise financial institutions themselves.
- **DDoS Attacks:** The capability of threat actors in this area continues to increase. A recent open source reported an attack at 500 Gbps. The frequency of attempts to inflict a denial of service attack on financial institutions has also not dissipated with many institutions accepting a certain amount of activity as "business as usual." The impact here is the cost to maintain ongoing, persistent and effective mitigation.



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Oracle Security Updates and depreciation of Java Browser Plug-in

Oracle released their 1st quarterly critical patch update of 2016 on January 19th. A total of 248 security fixes were included in the release, and span across multiple product families. There are 8 fixes for Java, 7 of which could be remotely exploitable without authentication. 3 were given a CVSS Base score of 10 (CVE-2016-0494, CVE-2015-8126, CVE-2016-0483). According to Oracle, the Java browser plugin will be deprecated in JDK 9. This technology will be removed from the Oracle JDK and JRE in a future Java SE release.

Linux Kernel 0-Day

The Perception Point Research team discovered a 0-day in the Linux kernel which could allow an attacker to locally gain root-level privileges on a device and execute arbitrary code or steal any data stored on the device. CVE-2016-0728 is a use-after-free memory corruption vulnerability that affects any Linux Kernel version 3.8 and higher. The vulnerability requires a potential attacker to already have access to a system. All major Linux distros have released updates in response to the vulnerability.

Community Institutions Council Reaches 3,000 Members

The Community Institutions Council (CIC) has become the FS-ISAC's largest and most active information sharing group with nearly 3,000 members. The CIC provides community institutions (banks and credit unions under \$20 billion in assets) with a vehicle to share information, obtain best practices, and enhance cybersecurity programs. Key metrics from 2015 include:

- 770% increase in CIC membership since 2013
- 138% annual increase in discussion topics
- Over 700 requests for information submitted by members
- Top discussion topics such as best practices on IT security, compliance questions, and the risk assessment process

Member Update Call – February 17th

Join FS-ISAC executives for a “FS-ISAC Business & Services Update for Members” call this February 17th at 1pm. Hear from President and CEO, Bill Nelson, Chief of Staff, John Carlson, and others as they discuss the rapid growth of FS-ISAC membership, new and exciting initiatives, global expansion, and more. More information, including dial-in information, will be available shortly.

Save on RSA Conference 2016 with Your FS-ISAC Discount

Join other FS-ISAC members and security experts from across all sectors for RSA Conference 2016 in San Francisco, February 29 – March 4. In its 25th year RSA is bringing exciting changes and additions for attendees, including 5 days of networking, 400+ expert-led sessions, over 500 exhibitors, and more. Check out the [agenda](#) to catch all the new and exciting additions at RSA 2016.

FS-ISAC members receive \$100 off a [Full Conference Pass](#). Please contact member services at brm@fsisac.com to receive your discount code today.

Once you're registered for RSA make sure to also [register](#) for the FS-ISAC workshop at RSA. The workshop will take place March 2nd and include a number of presentations from financial services leaders, as well as an update from the FS-ISAC Analysis Team on threat trends affecting financial services. This workshop is only open to financial institutions and you must hold at least an expo pass for RSA in order to attend.