

Topical Feature: CYBER SECURITY Discovery

We SHARE to inspire and ignite idea

The titles featured here are to give you a peek into the wealth of resources we have. We hope, through this will encourage you to explore and read further. Share with us trending topics and we can introduce relevant titles from some 400,000 eBooks we carry & other resources from our wealth of resources.

June 2016

Application Security

Innovative Solutions for Application Security



A report on the current popular types of Application Security that are being used by corporations globally to protect themselves from various cyber-attack methods.

Source: [Frost & Sullivan](#) (1 July 2016)

Cybersecurity and Governments

Government Cyber Security



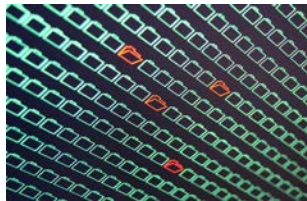
Source: [Itsecurityguru.org](#)

Discover approaches towards cybersecurity implemented by governments of various countries [here](#). Also, read this series of articles on cyber warfare by [Financial Times](#).

Source: [Frost & Sullivan](#) (13 June 2016)

Computer Bug Finder

Building a Better Computer Bug Finder



Researchers developed an enhancing technique called Large-Scale Automated Vulnerability Addition (LAVA) that purposefully adds vulnerabilities to a computer program to determine the performance of an existing bug finder.

Source: [NYU](#) (6 July 2016)

Cybersecurity Issues

Cyber Security



A [collection of articles](#) that discuss a variety of issues pertaining to cybersecurity. They include cloud and device security and privacy, the social implications of network and mobile applications, together with assessments that can enhance cybersecurity.

Source: [Springer International Publishing](#) (2016)

Cyber Attack Prevention

Cybersecurity gets smart



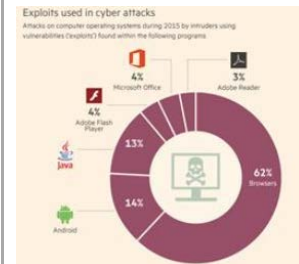
Source: [Plus.google.com](#)

Cybersecurity is used to address the need to guard against cyber-attacks. This article discusses how more advanced cybersecurity models are used to meet this goal.

Source: [Communications of the ACM](#) (May 2016)

Cybersecurity Reports

Cyber Security articles



A selection of [cybersecurity articles](#) from Financial Times detailing the drop in cybersecurity start-ups, possible attacks via IOT, fake social media websites and several more.

Source: [Financial Times](#) (March 2016)

Diversity

Diversity in Cybersecurity



Source: Eng-cs.syr.edu

Randomizing software characteristics may prevent cyber attacks, as this withholds information about the target system. This article discusses diversity in computing, artificial diversity and cybersecurity without secrets.

Source: [Computer](#) (2016)

IT User Privacy

Here's How Riffle Anonymity Network Protects Your Privacy better than Tor



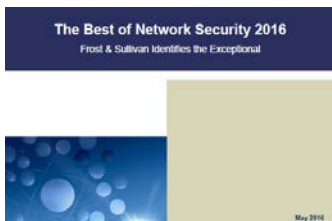
Source: Engadget.com

Researchers from [MIT and EPFL](#) have developed an anonymity network named as Riffle that can uphold user privacy. Also read this to [learn more about Riffle](#).

Source: [Thehackernews.com](#) (15 July 2016)

Network Security

The Best of Network Security 2016



This is an [annual compilation](#) by Frost and Sullivan on the key market players in network security who have exhibited excellence in the industry. It also has several cool innovations by selected companies.

Source: [Frost & Sullivan](#) (13 May 2016)

Global Security Trends

2016 Outlook of the Global Security Industry



Source: Duckofminerva.com

Read a report about the [future of the global security industry](#). Trends include adoption of new systems, together with improvements in communications, screening, and analytics technology.

Source: [Frost & Sullivan](#) (12 February 2016)

Machine Learning

Cyber security will soon be the work of machines



7 machines will compete against each other on an assigned system to [discover cyber attacks and to fix them in real time](#). Also read [Machine Learning-Based Security Systems: The Dawn of Intelligent Security](#) by Frost & Sullivan.

Source: [Financial Times](#) (11 July 2016)

Network Security Infrastructure

Innovative Solutions for Application Security



Source: Securityintelligence.com

This [report](#) provides information on trends in application security solutions. They include advanced hyper-secured infrastructure, self-protecting applications, multi-layer cloud application security and runtime application security.

Source: [Frost & Sullivan](#) (1 Jul 2016)

Healthcare Cyber Risk

Data Explosion Escalating Healthcare's Cyber Risk



Patient personal and health details are easily available to doctors. This data is at risk of being [stolen through cyberattacks](#) and used fraudulently. **In addition** read [Innovative Solutions for Healthcare IT Security - Network Security](#)

Source: [Frost & Sullivan](#) (27 February 2016)

Malware Detection

How Do You Outsmart Malware?



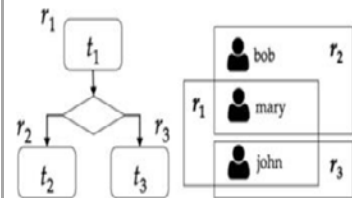
Source: Venturebeat.com

The [new approach of detecting malware](#), using gathered data to identify malware, has inspired cybersecurity companies to explore better solutions to recognize and kill unknown malware by reshaping the conditions and moving the targets it looks for.

Source: [Techcrunch](#) (25 May 2016)

Policy Verification

Cybersecurity policy verification with declarative programming



The verification of security policies are usually done through traditional logic or procedural programming. This [paper](#) presents an approach using Declarative programming paradigm "Answer Set" programming to automate the process.

Source: [Applied Intelligence](#) (July 2016)

Ransomware Solution

Extortion Extinction: Researchers Develop a Way to Stop Ransomware



Source: www.extremetech.com

Scientists have explored an extraordinary way of stopping ransomware from encrypting your whole files. It is more like an early-warning system that will prevent ransomware from finishing its tasks and kill it on its way.

Source: University of Florida News (7 July 2016)

Start-up Cybersecurity

Cyber Security and a Punch to the Face



Source: www.cbronline.com

The entrepreneur speaks from his own experience of managing start-up cybersecurity, covering sections on understanding the attacks, setting up security plans, coaching the staff, encrypting the data, and practicing security techniques.

Source: Thenextweb.com (10 June 2016)

Threats to Internet Security

2016 Internet Security Threat Report



This report by Symantec provides an in-depth overview of the internet threat landscape covering mobile device threats, Internet of Things (IoT) vulnerabilities, social media scams and data breaches. Useful data and infographics are included as well.

Source: Symantec (April 2016)

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