

# CYBER CRIME SENTINEL

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**ROCU**  
West Midlands | Regional Cyber Crime Unit

**IN THE NEWS**

**TOP CYBER HEADLINES**

THE LATEST NEWS ON CYBERCRIME FROM THE REGIONAL CYBER CRIME UNIT

This newsletter has been collated by West Midlands Regional Cyber Crime Unit and is intended for wider distribution within the West Midlands Region to raise awareness among businesses and members of the public.

## CYBER PROTECT WEEKLY TIP

Bluetooth Low Energy (BLE) is the most widely utilized low-energy communication protocol for mobile and IoT devices. Recently, researchers at Purdue University have discovered critical design weaknesses of BLE, which is a vulnerability that affects the many IoT devices, including mobiles, running Bluetooth.

Jianliang Wu, a PhD student and one of the lead project researchers from PurSec Lab at Purdue University, said "the design weakness and vulnerabilities allow the attacker to bypass the authentication in BLE reconnections, which can lead to spoofing attacks against the user's devices" "In fact, the attacker can easily impersonate all IoT devices' data that are not protected by application-level authentication."

The researchers have reported their findings to Google and Apple, and both confirmed the flaw. It has been advised that users should install the most recent version of the firmware to apply the required security patches to fix the vulnerabilities.

To read the article, which provides a good explanation of the research and findings, visit:  
<https://securityboulevard.com/2020/07/bluetooth-reconnection-flaw-could-lead-to-spoofing-attacks/>

Check out our quick tips guide to learn more about Bluetooth threats and how to protect yourself against them: <https://www.wmcyber.org/quick-tips/>

### The Cyber Threat to Sports Organisations

<https://www.ncsc.gov.uk/report/the-cyber-threat-to-sports-organisations>

### Russia report: UK 'badly underestimated' threat, says committee

<https://www.bbc.co.uk/news/uk-politics-53484344>

Orange, Europe's Fourth-Largest Mobile Operator, Confirms Ransomware Attack - <https://bit.ly/3hq0fQX>

### Two more cyber-attacks hit Israel's water system

<https://www.zdnet.com/article/two-more-cyber-attacks-hit-israels-water-system/>

### Why e-mobility is the 'Wild West' of cyber security

<https://www.ft.com/content/137077ad-58a6-450a-8944-a7416597e49f>

Twitter says hackers viewed 36 accounts' private messages - <https://www.bbc.co.uk/news/technology-53510574>

US charges Chinese Covid-19 research 'cyber-spies' - <https://www.bbc.co.uk/news/world-us-canada-53493028>

### University of York hit by cyber-attack - personal details of students and staff may have been stolen

<https://bit.ly/2BkiWWT>

The Latest Scam Emails and How to Avoid Them - <https://tech.co/antivirus-software/latest-scam-emails>

*An article listed in this newsletter is not an endorsement for any advertised products.*

## TECH TALK

### NCSC Weekly Threat Report Topics

- Russian attacks on COVID-19 vaccine development exposed
- Microsoft, SAP and Cisco: critical security updates released
- Update to the UK decision on high risk vendors
- Researchers unmask video conferencing images
- Twitter cyber attack and NCSC guidance
- Bank targeted in successful 'Jackpotting' attack

<https://www.ncsc.gov.uk/report/weekly-threat-report-17th-july-2020>

### Microsoft July 2020 Patch Tuesday: 123 vulnerabilities, 18 Critical!

<https://bit.ly/39hofTw>

### New phishing campaign abuses a trio of enterprise cloud services

<https://bit.ly/2ONmzYx>

### Windows DNS Server Remote Code Execution Vulnerability

<https://support.microsoft.com/en-us/help/4569509/windows-dns-server-remote-code-execution-vulnerability>

# Are you prepared for a cyber attack?

YouTube **LIVE**

10:00 am - Mondays

If you received an email which you're not quite sure about, forward it to the Suspicious Email Reporting Service (SERS)

[report@phishing.gov.uk](mailto:report@phishing.gov.uk)

# EVENTS & ENGAGEMENTS

[https://www.youtube.com/watch?v=\\_\\_xyxqp2cqk](https://www.youtube.com/watch?v=__xyxqp2cqk)

# Got a question about cyber security?

Ask us on our live Q&A

slido

10:00 am - Wednesdays

If you received an email which you're not quite sure about, forward it to the Suspicious Email Reporting Service (SERS)

[report@phishing.gov.uk](mailto:report@phishing.gov.uk)

<https://app.sli.do/event/jvodjdcu/>

# Can you spot the phishing email?

YouTube **LIVE**

10:00 am - Fridays

If you received an email which you're not quite sure about, forward it to the Suspicious Email Reporting Service (SERS)

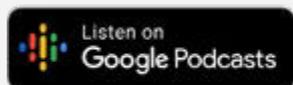
[report@phishing.gov.uk](mailto:report@phishing.gov.uk)

## CYBER THREAT WEEKLY

**RCCU**  
West Midlands | Regional Cyber Crime Unit

Our lives are relying on technology more every day. Join us each Friday for your bitesize cybersecurity podcast. In this increasingly technical world we deliver non-technical cyber news, and identify the current threats we're facing.

<https://cyberthreatweekly.buzzsprout.com/>



**APPEAL:** PLEASE GET IN TOUCH FOR FREE CYBER AWARENESS INPUTS FOR YOUR OWN BUSINESS, ORGANISATION OR GROUPS.

<https://youtu.be/NuEbmZw7-5A>