CYBER GUIDANCE ISSUE 0012

PATCH TUESDAY - MICROSOFT

DATE ISSUED: July 2020

IMPACT	LOW	MEDIUM	HIGH

EASE OF EXPLOIT	LOW	MEDIUM	HIGH
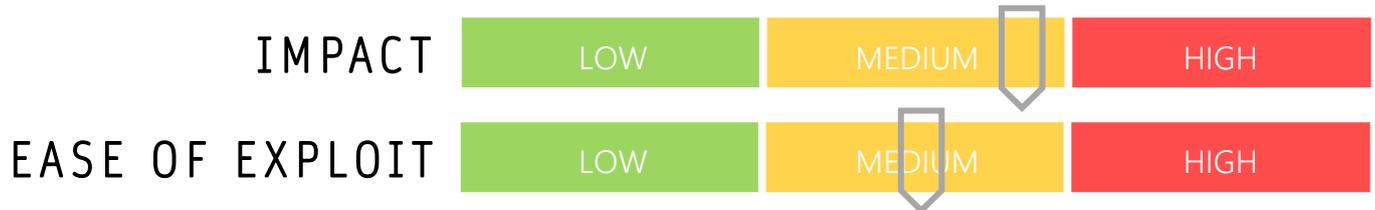
OVERVIEW

Initial research states that no recorded cases in the real world exist for exploitation of these vulnerabilities currently. Vulnerabilities and other known issues remediated by this security update pack include a wormable DNS vulnerability allowing attackers to perform remote code execution and privilege elevation.

BREAKDOWN

Windows:
- 123 Security updates across 13 products
  Windows IIS, .NET Framework, Azure DevOps, Microsoft Hyper-V, Microsoft Windows OS, Kernel & Shell, Windows Defender & Update Stack, JET Database Engine (included in Office), MS Office, Outlook, SharePoint, OneDrive & Visual Studio, Internet Explorer & Microsoft Edge, Windows LNK Shortcut files, Skype for Business, Windows Subsystem for Linux, Windows Wallet Service and a number of graphics components
- 18 rated CRITICAL
- 105 rated IMPORTANT

Adobe:
- 13 Patches
  Cold Fusion Manager, Genuine Service, Media Encoder, Creative Cloud Desktop Application, Download Manager
- 4 rated CRITICAL
- 9 rated IMPORTANT

REMEDIATION STEPS

- Undertake operating system patching with the usual care and testing.

REFERENCES & RESOURCES

Threatpost: https://threatpost.com/microsoft-tackles-123-fixes-july-patch-tuesday/157440/
                https://threatpost.com/adobe-critical-code-execution-bugs-july/157420/
ZDNet: https://www.zdnet.com/article/microsoft-july-2020-patch-tuesday-fixes-123-vulnerabilities/
MSPowerUser   https://mspoweruser.com/patch-tuesday-microsoft-releases-july-2020-cumulative-update-for-windows-10/
Bleeping Computer https://www.bleepingcomputer.com/news/microsoft/microsoft-july-2020-patch-tuesday-123-vulnerabilities-18-critical/