Malware advisory
Petya Security Advisory

Date:	July 10, 2017
Subject:	Petya Malware
Product:	Windows Operating Systems

Summary

On June 27, 2017, a new malware variant named “Petya” (also known as “NotPetya” or “Nyetya”) has been reported affecting Microsoft Windows computers around the world. It is reported to behave in a manner similar to “WannaCry” ransomware that was reported in May 2017.

Petya is a self-propagating "worm" infecting Windows Computers running vulnerable version of Microsoft Server Message Block 1.0 (SMBv1) server. Files on the infected computers are then encrypted, leaving the affected machines unusable.

Microsoft patched the SMBv1 server vulnerabilities and detailed it in Microsoft Security Bulletin MS 17-010 released in March 2017.

In-depth technical analysis

Please refer to US-CERT Alert for detailed analysis on this malware https://www.us-cert.gov/ncas/alerts/TA17-181A

Potential Impact on Eaton Products

While none of the Eaton products are directly impacted by this attack, any Eaton product running on affected Windows operating systems may be impacted by this malware.

Recommended Course of Action

Eaton's guidance for all Eaton products and applications that run on affected Windows Operating systems is:

- To apply the Microsoft patch for MS 17-010 as per their recommendations.
- Where SMB service is not required, disable SMBv1 with the steps documented at Microsoft Knowledge Base Article 2696547
- Consider adding a rule on your router or firewall to block incoming SMB traffic on port 445 with related protocols on UDP ports 137-138 and TCP port 139 for all boundary devices.

References

MS17-010 Security Update: https://technet.microsoft.com/en-us/library/security/ms17-010.aspx
US-CERT Alert: https://www.us-cert.gov/ncas/alerts/TA17-181A

Additional information

For additional information or a list of vulnerabilities that have been reported on our products and how to address them, please visit our Cybersecurity website www.eaton.com/cybersecurity or contact us at CybersecurityCOE@eaton.com.

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