



## April 2022

Updates released in April of 2022 to Cisco cloud-based machine learning global threat alerts:

- [Alignment with MITRE ATT&CK<sup>®</sup>, on page 1](#)

## Alignment with MITRE ATT&CK<sup>®</sup>

The threat intelligence records in global threat alerts have been adjusted with respect to the MITRE ATT&CK<sup>®</sup> framework:

- Where appropriate, naming from the ATT&CK framework is used directly.
- Global threat alerts threat intelligence provides references to relevant ATT&CK Tactics, Techniques, and Software entries.

**Figure 1:**

**Critical Risk** ETA

When: February 5th - May 3rd

Modified: yesterday

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Threats: WannaCry (S0366), Emotet (S0367), SMB service discovery (T1018), Excessive communication (T1498)

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Asset Groups: Catch All

Affected Assets: 2 assets

Username: demo\_keturah.gaunt, dusti.hilton

IP Addresses: 10.102.77.196 , 10.201.3.51

Figure 2:

## SMB service discovery

Discovery of external SMB servers, e.g. to exploit the ETERNALBLUE vulnerability

High Severity  1,000+ affected assets in 100+ companies Last seen: 2 days ago

Device is performing a scan of SMB services on TCP port 445 (SMB) (T1018), potentially to exploit the ETERNALBLUE SMB (MS17-010) or other vulnerabilities (T1210). Behavior is typical for variants of WannaCry (S0366) or WCry ransomware and unlikely to be legitimate, unless initiated by a user. To investigate, verify associated anomalies against intended behavior of the device.

Category: Attack Pattern - scanning

These improvements provide easier process integration with existing standard operating procedures for incident response and shorten the learning curve for new analysts.