Create an Advanced Custom Detection List in Cisco Secure Endpoint

Contents

Introduction

This document describes the steps to create an Advanced Custom Detection (ACD) in Cisco Secure Endpoint.

Background Information

TALOS Intelligence published a BLOG on January 14th 2020 in response to Microsoft Patch Tuesday Vulnerability Disclosures.

Updated January 15th: Added an ACD signature for AMP that can be used to detect exploitation of CVE-2020-0601 by spoofing certificates masquerading as a Microsoft ECC Code Signing Certificate Authority: https://blog.talosintelligence.com/2020/01/microsoft-patch-tuesday-jan-2020.html.

The signature of the file found in the TALOS BLOG to be used in the ACD:

- Win.Exploit.CVE_2020_0601:1:*:06072A8648CE3D020106*06072A8648CE3D020130
- https://alln-extcloud-storage.cisco.com/blogs/1/2020/01/CVE-2020-0601.txt

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

The information in this document is based on these software and hardware versions:

- Cisco Secure Endpoint Cloud Portal

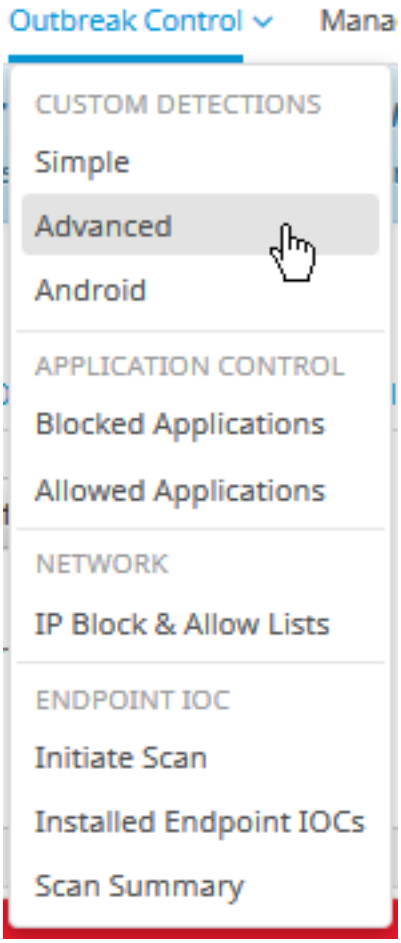
- ACD
- TALOS Blog

The information in this document was created from devices in a specific lab environment. All devices used started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

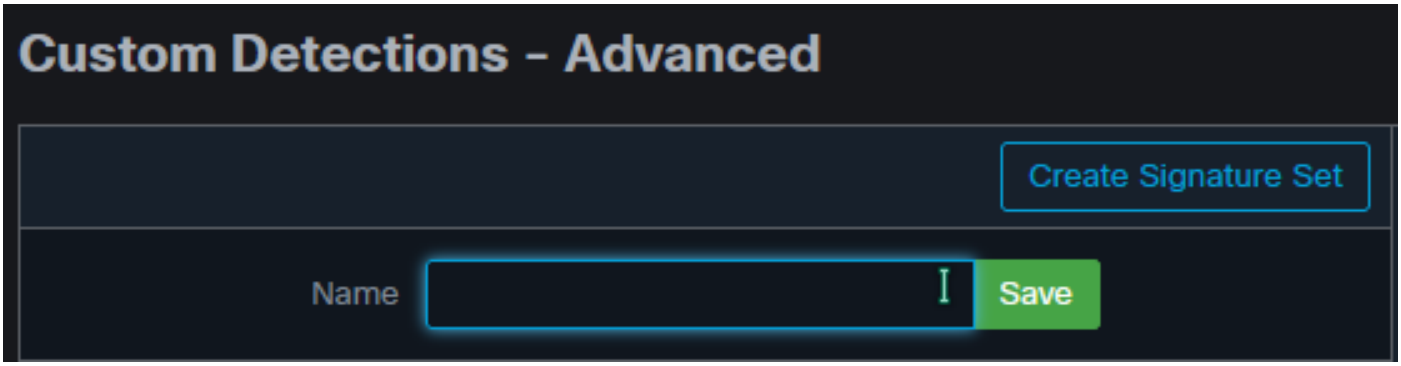
Create Advanced Custom Detection List

Now, let's create the ACD to match.

Step 1. Navigate to **Secure Endpoint Portal > Outbreak Control > Advanced Custom Detection** as shown in the image.

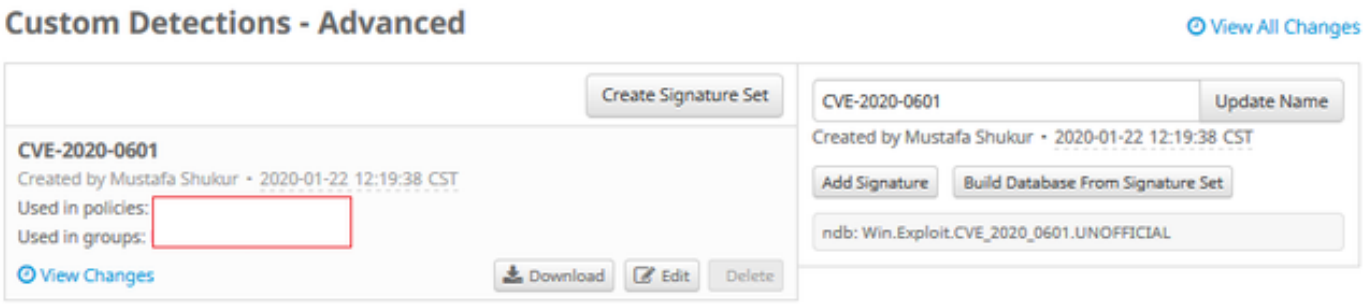


Step 2. Begin with a Name for the Signature Set **CVE-2020-0601** as shown in the image.



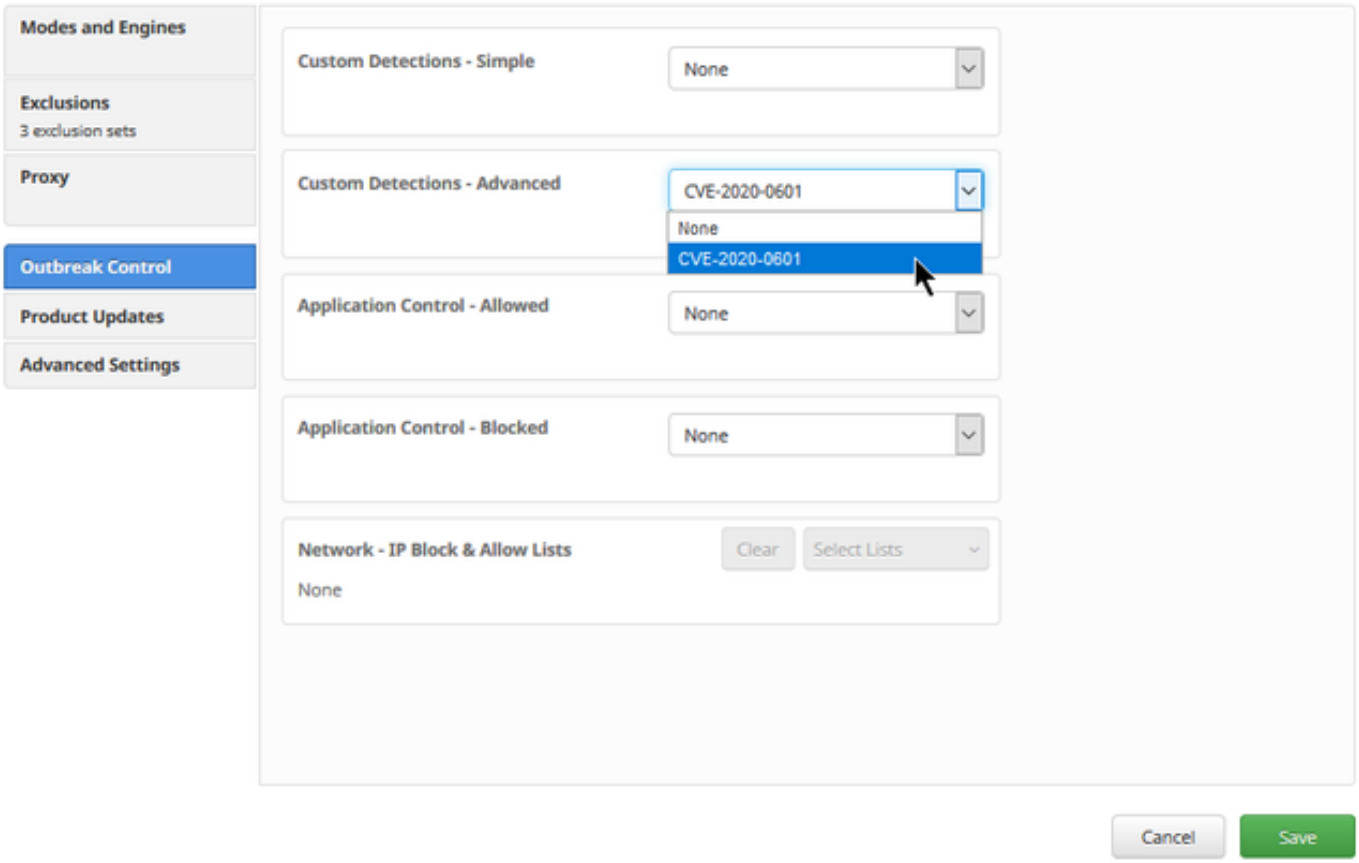
Step 3. Next, **Edit** that new Signature Set, and **Add Signature**.

Win.Exploit.CVE_2020_0601:1:*:06072A8648CE3D020106*06072A8648CE3D020130.

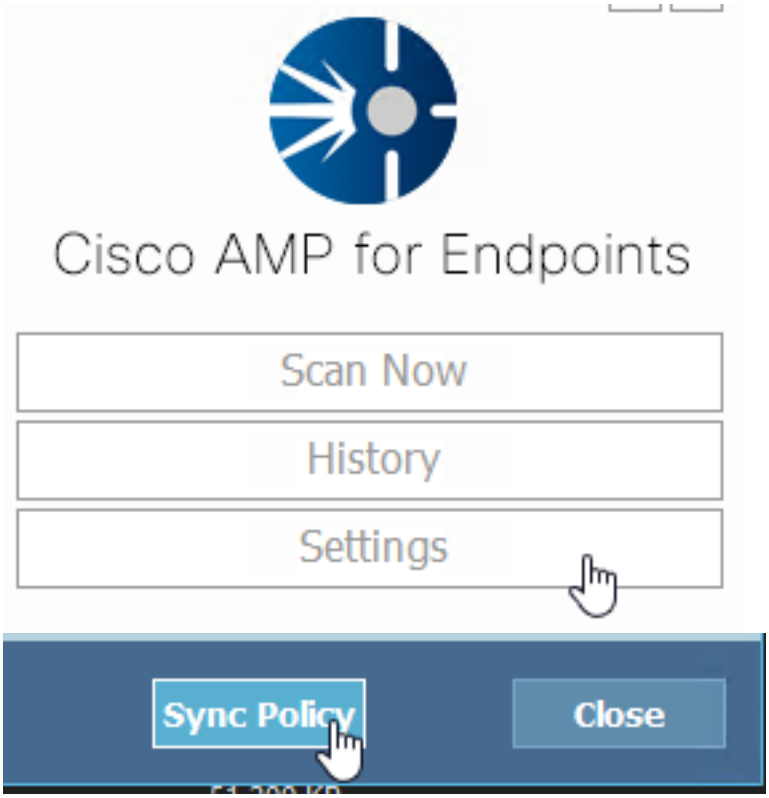


Step 4. Select **Build Database From Signature Set** and the Database has been built.

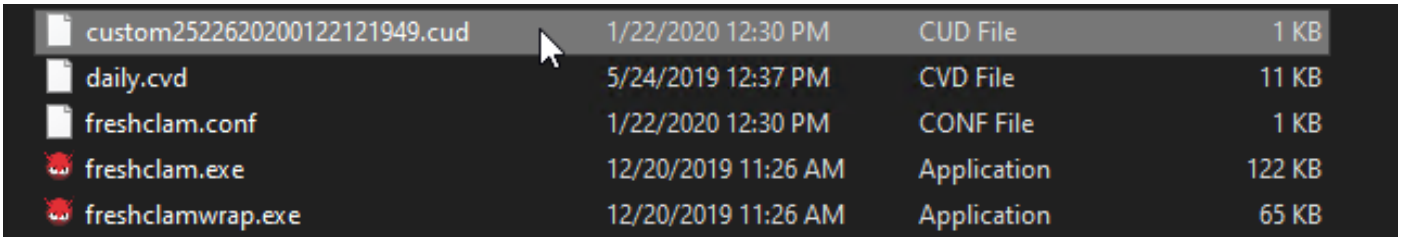
Step 5. Apply the new Signature Set to a Policy, click **Edit> Outbreak Control > Custom Detections > Advanced** as shown in the image.



Step 6. Save the Policy and Sync at the connector UI as shown in the image.



Step 7. Search the directory **C:\Program Files\Cisco\AMP\ClamAV** for a new Signature folder created that day as shown in the image.



Related Information

- The build used for the test is Windows 10 1909 which is not affected by the vulnerability per the MSKB; https://portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2020-0601
- https://support.microsoft.com/en-us/help/4534273/windows-10-update-kb4534273
- Applies to: Windows 10, version 1809, Windows Server version 1809, Windows Server 2019, all versions
- **Technical Support & Documentation - Cisco Systems**