



# **CylanceOPTICS** Getting Started Guide

**Behavioral Detection Engine** 

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### **Getting started: Behavioral Detection Engine**

The Behavioral Detection Engine (BDE) uses a behavioral detection policy, which aligned with the MITRE framework, to send detection rules to your users' devices. According to the detection rules, alerts are raised based on the alert threshold and remediation steps automatically take place. The BDE eases the burden of configuring and managing CylanceOPTICS when compared to using the legacy rule sets.

In the Cylance console, you can create the detection policy where you configure the alert threshold and the automated remediation steps according to the response threshold. After you configure the BDE policy, you must link it to a device policy and apply the device policy to devices within your organization. This guide provides an overview of the BDE policy, how to link it with a device policy, manage BDE policy content updates, review alerts, and create exceptions. It also includes guidance and best practices for how start using BDE and recommendations related to automated responses.

If you are an existing CylanceOPTICS customer using legacy rule sets, it is recommended that you migrate from using legacy rule sets to BDE policies. For more information, see the Behavioral Detection Engine Migration Guide.

### **Behavioral detection policies**

CylanceOPTICS > Behavioral detection engine

| Behaviora | Detection Policies Custom Rules Exceptions |   |                |   |                    |
|-----------|--|---|----------------|---|--------------------|
| Add a     | detection configuration.                   |   |                |   |                    |
| +         | ADD A DETECTION CONFIGURATION              |   |                |   |                    |
|           | NAME                                       | Ŧ | DESCRIPTION    | Ŧ | DETECTION ALERT ON |
|           | Recommended configuration                  |   | Default policy |   | Medium and above   |

In the Cylance console, behavioral detection policies are in the **CylanceOPTICS > Behavioral Detection Engine** menu, in the **Behavioral Detection Policies** tab.

The BDE policy defines which MITRE detections to apply to devices, which severity level to alert on, and when to apply automated responses. All tenants have a default policy configured which has all the MITRE detections with Alerts and Observations features enabled. The default policy is configured with an alert threshold of medium and above.

Alert thresholding is a new concept introduced with BDE. It allows easy suppression of alerts that are below a certain level of severity. This means that only alerts at or above the specified threshold level display in the **Alerts** screen and through external interfaces like syslog or the public API. To ensure that there is no loss in information fidelity, the BDE includes support for observations. When **Observations** are enabled, the BDE instructs the CylanceOPTICS agent (version 3.3 or later) to watch for all behaviors that are below the alert threshold, collect any data associated with it, collect any correlated elements along the attack chain, and add the appropriate MITRE TTP tagging to that collected data. Using Alert Thresholds and Observations, the BDE can enact policies with a much lower level of noise without missing important data that may be hiding in low efficacy signal.

## **Creating a behavioral detection policy**

You can create a behavioral detection (BDE) policy from the CylanceOPTICS > Behavioral Detection Engine > Behavioral Detection Policies tab. Click "Add a detection configuration" to create a policy.

Specify this information:

- A name for the configuration.
- A description of the configuration.
- The alert threshold, which is the minimum severity for an alert to be generated and appear in the Alerts screen.
- The message to display on the user's device when a detection occurs.

You can configure these settings in the Settings tab when you edit a detection policy.

After you create the policy, you need to configure its detection and response settings, and then assign it to device policies.

| ← Behavioral detection > Recommended configuration       |   |
|--|---|
| Settings Detection And Response Assigned Device Policies |   |
|  | Detection Summary<br>Configuration name *<br>Recommended configuration<br>Description<br>Default policy |
|  |   |
|  | Detection Alert   |
|  | Detection notification message<br>Add a noofication for this detection that is displayed on devices.    |

### **Detection and response tab: Behavioral detection policy**

After you create a detection policy, open the policy and configure the settings in the **Detection and Response** tab.

On the **Detection and Response** tab, on the left side of the screen, you can apply filters to help find the detection rules that you are looking for:

- Alerts (On or Off): Filter detection rules by whether detection alerts are enabled.
- Observations (On or Off): Filter detection rules by whether observations are enabled.
- Notifications (On or Off): Filter detection rules by whether notifications are enabled.
- · Automated response action: Filter detection rules by the automated response action.
- Platform: Filter detection rules by operating system platform.



#### **Execution (8)**



On the center of the screen, the detection rules are displayed as cards for specific MITRE techniques aligned from the MITRE framework. Each card includes the rule name, MITRE technique ID, the number of detections rules included at each severity level, and icons that indicate if alerts, observations, notifications and automated responses are configured. Bulk edit options appear above the cards if you use the checkboxes to select them.

You can click on a detection rule card to open a side panel on the right side. The side panel displays a detailed description of the rule as well as controls to enable alerts, observations, notifications, and automated responses.



If you want to configure automated responses for a detection rule, you must specify the minimum severity level for the response to apply. In this example, the default minimum severity is set to **High** because this class of rules are the most precise and the easiest to tune. This ensures minimal impact on business continuity due to the lower false positive rate average. Next, add one or more remediation actions from list of available actions. The CylanceOPTICS agent and BDE will take all applicable response actions that are configured based on the context of the detection.

### Assigned device policy tab: Behavioral detection policy

After you create a detection policy, assign the BDE policy to device policies from **Assigned Device Policies** tab. Each device policy associated with a BDE policy will be listed by name and include the number of associated devices.

You can add device policies to associate them with the BDE policy. When adding a device policy, in the **Device policy** list field, you can select from the list the device policies that are available in the tenant. You can also specify the operating mode (**Alert only** or **Full enforcement**) which determines whether an alert triggers the automated responses. The operating mode for each device policy can be changed at any time from the **Policies > Device Policy** menu.

| /                                     | Assign device policy                                     |   |   |   |
|---------------------------------------|--|---|---|---|
|                                       |  |   |   | 0 |
| · · · · · · · · · · · · · · · · · · · | Assign behavioral detection policies to device policies. |   |   |   |
| ASSIGNED DEVICE PO                    |  | ļ | Ŧ |   |
|                                       | Device policy*   |   |   |   |
| Default                               |  |   |   |   |
| C                                     | )perating mode   |   |   |   |
| (                                     | Alert only   |   |   |   |
|                                       | Detections are alerted or logged only                    |   |   |   |
| (                                     | Full enforcement   |   |   |   |
|                                       |  |   |   |   |

### Importing custom rules

The Behavioral Detection Engine supports importing custom detection rules in .json format. In the Cylance console, you can import custom detection rules into custom rule groups from the **CylanceOPTICS > Behavioral Detection Engine > Custom Rules** tab. You can also export legacy rule sets in .json format and import them.

Before you import a custom detection rule, create a custom rule group. The custom rule group that you created appears as a card on the **Custom Rules** screen.

Use these steps to export the legacy rule sets from the Cylance console, create a custom rule group, and then import the legacy rule sets to the custom rule group:

- 1. Navigate to CylanceOPTICS > Configurations > Rules.
- 2. Beside the rule that you want to export, click Export and save the .json file with the rule conditions.

| Cylan     | ceOPTICS > Configurations                        |                    |     |     |                       |   |              |   |         | 2       |
|-----------|--|--------------------|-----|-----|-----------------------|---|--------------|---|---------|---------|
| Detection | Environment Rule Sets Rules Exceptions I         | Packages Playbooks |     |     |                       |   |              |   |         |         |
| + Im      | port Rule  |                    |     |     |                       |   |              |   |         | ÷ 5     |
| SEVERITY  | NAME   | CATEGORY           | ¢ 0 | s ¢ | LAST MODIFIED         | ÷ | MODIFIED BY  | ¢ |         |         |
| нон       | ① UAC Bypass via Fodhelper.exe                   | Custom             |     | 1   | 2024-04-11 17:26:40 Z |   | plaxiabs.com |   | 🛆 4 🗖 1 | 0 D E 8 |
| MEDRAM    | ③ Suspicious Base64 Encoded PowerShell Execution | Custom             | :   | 1   | 2024-04-11 17:28:14 Z |   | 3bbxiabs.com |   | 🛆 2 🖵 1 | 0 B B   |
|           | PowerShell Download Command Execution            | Custom             | 1   | 1   | 2024-04-11 17:25:28 Z |   | @bbxiabs.com |   | ۵ u 🖵 u | 0 🗈 E 🗄 |

- 3. Navigate to CylanceOPTICS > Behavioral Detection Engine > Custom Rules.
- 4. In the **Custom Rule** tab, click **Add** and then add a new custom rule group.
- Click the custom rule group, and then on the right side, click Add > Import custom rules, and specify the .json file.

| Import custom rules                            |              |
|--|--------------|
| Import a .json file with custom rules.         |              |
| PowerShell Download Command Execution_DATA_EXF | BROWSE FILES |
| CANC   | EL IMPORT    |

6. Review the imported rule conditions, verify the target custom rule group, and then click **Validate**. After validation, click **Add** to complete the import.

| Priority*<br>LOW LOW                        | *  | Platform *<br>Windows | •                      | Custom rule group *<br>imported custom rules |            |
|---|--|-----------------------|------------------------|--|------------|
| Custom rule name *<br>PowerShell Download ( | Command Execution  |                       |                        |  |            |
| Description<br>Detects the usage of n       | ative PowerShell down  | nload commands/tech   | iniques. Threat actors | can use these techniques to down             | load malie |
|   |  |                       |                        |  |            |
|   |  |                       |                        |  |            |
| ustom Rule Det                              | alls   |                       |                        | () CONFIGUR                                  | ATION HEL  |
| Ustom Rule Det                              | "(f&ig)",<br>cribulingEvent": true,<br>cribulingEvent"; true,  |                       |                        | CONFIGUR                                     |            |
| Ustom Rule Det                              | "(f&!g)",<br>cilulingEvent": true,<br>oke_WebBequest",<br>"e"; "InstigatingProces<br>"ADI",<br>n": "PostActivation"<br>"ADI",<br>re": "ImrgetPowershell1 | s",<br>race",         |                        |  |            |

7. On the **Behavioral Detection Engine** screen, **open the BDE policy > Detection And Response** tab where you can enable alerts, observations, and automated responses for your custom rules. The custom rule group will appear as a new card at the bottom of the **Detection And Response** tab when editing a BDE policy, under the **Custom rules** section.

| My Custom Rule  | imported custom  rules |
|-----------------|------------------------|
| 1 rule          | 1 rule                 |
| Rules: 1 0 0 0  | Rules: 0 0 1 0         |
|                 |                        |
| None configured | None configured        |

Custom rules (5)

## **Adding exceptions**

In some cases, alerts may be triggered by legitimate business applications installed on your users' devices. If this occurs an exception is required to ensure business continuity and to prevent unnecessary alerts from being reported to the console.

Exceptions can be added in two ways:

- From the CylanceOPTICS > Behavioral Detection Engine > Exceptions tab
- From the Alerts view

Regardless of where the exception was created, the **Exceptions** tab displays a list of all exceptions for the tenant, including the name, description, alert description, assignment, and the date the exception was last modified.

#### Adding exceptions from the Exceptions tab

You can add exceptions from the CylanceOPTICS > Behavioral Detection Engine > Exceptions tab.

| Behavioral | Detection Policies Custom Rules Exceptions   |   |   |   |                           |   |                         |
|------------|--|---|---|---|---------------------------|---|-------------------------|
|            |  |   |   |   |                           |   |                         |
| Manag      | exceptions that can be assigned globally, to zones, to devices, or to device policies. |   |   |   |                           |   |                         |
| +          | ADD  |   |   |   |                           |   | 4 results               |
|            | NAME TO DESCRIPTION  | Ŧ | ALERT DESCRIPTION                                   | Ŧ | ASSIGNED TO               | Ŧ | MODIFIED &              |
|            | Download Attempt via PowerShell (Windows)  |   | Download Attempt via PowerShell (Windows)           |   | Global                    |   | 2025-02-10 20:58:22 UTC |
|            | Hosts file Modified (Windows)  |   | Hosts file Modified (Windows)                       |   | $\mathcal{L}^{3, \times}$ |   | 2025-01-28 02:01:00 UTC |
|            | Exhibitation to Text Storage Sites via Curl (Linux)                                    |   | Exfittration to Text Storage Sites via Curl (Linux) |   | Global                    |   | 2025-01-28 02:00:49 UTC |
|            | Non RFC 1918 Connection by script (Windows)  |   | Non REC1918 Connection by script (Windows)          |   | <b>D</b> :                |   | 2024-11-11 20:37:56 UTC |
|            |  |   |   |   |                           |   |                         |

When adding an exception from the **Exceptions** tab, specify the MITRE tactic and technique for which you want to create an exception along with an appropriate alert description.

#### Add exception

| Add exceptions that can be assigned globally, to zones, to devices, or to device policies. |   |
|--|---|
| Tactic *<br>Exfiltration (TA0010)  | ¥ |
|  |   |
| Technique *<br>Data Transfer Size Limits (T1030)   | * |
| Alert description  |   |
| Q Search for alert descriptions  |   |
| Transfer Smaller Files with Split (macOS)  |   |
| O Data Transfer Evasion via Split Command (Linux)  | h |

Next, specify one more conditions, including the artifact, facet, operator, and value for each condition.

#### Add exception

| Settings Assigned To  |                    |                           |                     |   |
|---|--------------------|---------------------------|---------------------|---|
| Alert description: Transfer Smaller Files                     | with Split (macOS) |                           |                     |   |
| Exception name *<br>Transfer Smaller Files with Split (macOS) |                    |                           |                     |   |
|   |                    |                           |                     |   |
| Description   |                    |                           |                     |   |
|   |                    |                           |                     |   |
| Conditions  |                    |                           |                     |   |
| Artifact*<br>Target File                                      | Facet *<br>Size    | • Operator *<br>Less than | Enter value. *<br>5 | × |
| + ADD   |                    |                           |                     |   |
|   |                    |                           |                     |   |

In the **Assigned To** tab, assign the exceptions appropriately using one of the options. For more information, see the next section on "Assigning exceptions globally, to zones, to devices, or to device policies" in this guide.

#### Adding exceptions from the Alerts view

If you observe an alert for a legitimate business application in the Alerts view, you can use AI to add exceptions. The details of the exception, including the conditions, are automatically defined by AI based on the alert.

To add an exception in the Alerts view, simply open the alert and use the **Actions** menu on the top right of the screen.



In the Add exception dialog box, review the details of the exception, and then make changes if necessary.

#### Add exception

| rt de  | scription: Account Manipulation via  | SSH Autho   | rized Keys (Linux)   |   |  |   |  |             |
|--------|--|-------------|--|---|--|---|--|-------------|
| eptior | name*<br>Manipulation via SSH Authorized Ke  | evs (Linux) |  |   |  |   |  |             |
|        |  |             |  |   |  |   |  |             |
|        |  |             |  |   |  |   |  |             |
| script | lion   |             |  |   |  |   |  |             |
|        |  |             |  |   |  |   |  |             |
| Con    | ditions  |             |  |   |  |   |  |             |
| CON    |  |             |  |   |  |   |  |             |
| con    | Artifact*  |             | Facet *  |   | Operator *   |   | Enter multiple values. *   |             |
|        | Artifact *<br>Target File  | Ť           | Facet *<br>Path  | * | Operator *<br>Equals   | * | Enter multiple values. *<br>(/etc/ssh/ssh_config / (3)   | ×           |
| 2011   | Artifact *<br>Target File  | ¥           | Facet *<br>Path<br>Facet *   | ¥ | Operator *<br>Equals   | ٣ | Enter multiple values. * (/etc/ssh/ssh_config / (*))   | ×           |
| and    | Artifact*<br>Target File<br>Artifact*<br>Instigating Process   | ×           | Facet *<br>Path<br>Facet *<br>Command Line                               | • | Operator *<br>Equals<br>Operator *<br>Equals                         | * | Enter multiple values.*<br>(/etc/ssh/ssh_config / ())<br>Enter multiple values.*<br>(/usr/bin/dpkgstatu / ())  | ×           |
| und    | Artifact*<br>Target File<br>Artifact*<br>Instigating Process   | •           | Facet *<br>Path<br>Facet *<br>Command Line                               | * | Operator *<br>Equals<br>Operator *<br>Equals                         | • | Enter multiple values.*<br>(/etc/ssh/ssh_config ) ()<br>Enter multiple values.*<br>(/usr/bin/dpkgstatu ) ()  | ×           |
| and    | Artifact *<br>Target File<br>Artifact *<br>Instigating Process<br>Artifact *<br>Instigating Process Image File               | *           | Facet *<br>Path<br>Facet *<br>Command Line<br>Facet *<br>Path            | * | Operator *<br>Equals<br>Operator *<br>Equals<br>Operator *<br>Equals | • | Enter multiple values. *<br>(retc/ssh/ssh_config ) ()<br>Enter multiple values. *<br>(rusr/bin/dpkgstatu ) ()<br>Enter multiple values. *<br>(rusr/bin/dpkg ) ()                       | ×<br>×<br>× |
| und    | Artifact *<br>Target File<br>Artifact *<br>Instigating Process<br>Artifact *<br>Instigating Process Image File<br>Artifact * | •           | Facet *<br>Path<br>Facet *<br>Command Line<br>Facet *<br>Path<br>Facet * | • | Operator *<br>Equals<br>Operator *<br>Equals<br>Operator *<br>Equals | • | Enter multiple values.*<br>(retc/ssh/ssh_config ) ()<br>Enter multiple values.*<br>(usr/bin/dpkgstatu / ()<br>Enter multiple values.*<br>(usr/bin/dpkg / ()<br>Enter multiple values.* | ×<br>×<br>× |

In the **Assigned To** tab, assign the exceptions appropriately using one of the options. For more information, see the next section on "Assigning exceptions globally, to zones, to devices, or to device policies" in this guide.

#### Assigning exceptions globally, to zones, to devices, or to device policies

Regardless of how you add a detection exception, you must specify how to assign them to devices. When configuring an exception, in the **Assigned To** tab, you can specify whether to assign the exceptions globally, to zones, to devices, or to device policies.

- · Global: Applies the exception to your organization's entire tenant
- Zones: Applies the exception to the zones that you select and all devices assigned to those zones.
- Devices: Applies the exception to the selected devices
- Device Policies: Applies the exception to all devices that are assigned to the selected device policies

#### Add exception

| Settings           | Assigned To |   |
|--------------------|-------------|---|
| Assigned<br>Global | to *        | • |
| Global             |             |   |
| Zones              |             |   |
| Devices            |             |   |
| Device p           | olicies     |   |

### Managing detection rule updates

Cylance continues to develop CylanceOPTICS detection rules for new and emerging threats. To streamline the time to value, and minimize the overhead required to benefit from the new rules, we have automated the deployment process.

When updates are available for detection rules, a notification appears in the Cylance console on the **CylanceOPTICS > Behavioral Detection Engine** screen.

#### O Detection technique updates are available.

You can click the notification to view the details of each update available. For each update, you can expand it to view the changes, grouped by the detection technique. Knowledge base (KB) articles are available for more information about some of the updates.

| ccept updates to the de<br>or these technique dete | tections for the following techn<br>ctions. | iques. You must accept the upo | dates to enable automate | d action |
|--|---|--------------------------------|--------------------------|----------|
| 2024-05-16 UPDATES                                 |   |                                | ACCE                     | PT N     |
| 2024-06-12 UPDATES                                 |   |                                | ACCE                     | PT       |
| 2024-08-13 UPDATES                                 |   |                                | ACCE                     | IPT N    |
| 2024-08-16 UPDATES                                 |   |                                | ACC                      | PT       |

VIEW AND ACCEPT

#### Detection technique updates

Accept updates to the detections for the following techniques. You must accept the updates to enable automated actions for these technique detections.



As soon as an update is available, the new rules are automatically pushed to devices according to the BDE policy that is already assigned to those devices. Until the rules are accepted, the rules will operate in Alert Only mode. Users and devices will not be impacted due to potentially untuned false positives. This allows administrators to observe the performance and impact of the new rules, and provides an opportunity for any tuning or exception creation prior to accepting the rules and enforcing them. Enforcement means any defined automated responses are applied when the detection rule is triggered.

If business continuity issues arise at any point during enforcement, you can change the BDE policy to Alert Only mode to allow administrators to review alerts and tune their environments without impacting users before enforcing the rules again.

### **Viewing alerts**

Alerts raised from the BDE will appear in the Cylance console on the **Alerts** screen. The initial Alerts view is a summary that groups similar alerts based on criteria such as priority, alert classification, configured responses, and other key alert attributes. Each alert has a priority, status, classification and sub-classification as well as a description and some key indicators. For more information about the data displayed in the **Alerts** screen, see the Alerts documentation.

| rts                         |             |                      |                   |                        |                |          |       |   |     |   |
|-----------------------------|-------------|----------------------|-------------------|------------------------|----------------|----------|-------|---|-----|---|
|                             |             |                      |                   |                        |                |          |       |   |     |   |
|                             |             |                      |                   |                        |                |          |       |   |     |   |
| Selected: 1 CHANGE ST       | TATUS ASSIG | N ALERT CHANGE LABEL | S DELETE          |                        |                |          |       |   |     |   |
|                             |             |                      |                   |                        |                |          |       |   |     |   |
| Product is in CylanceOPTICS | 0           |                      |                   |                        |                |          |       |   |     |   |
|                             | STATUS      | CLASSICICATION       |                   | DESCRIPTION            | KEY INDICATORS | DECDONSE | COUNT | _ | 9 a |   |
|                             | NEW         | TA0003 Persistenc    | T1098 Account Ma  | Account Manipulation   | () (P)         | RESPONSE |       | 1 | 1   | 0 |
|                             | NEW         | TA0003 Persistenc    | T1098 Account Ma  | Account Manipulation   | 00             |          | 0     | 1 | 1   | 0 |
| нісн                        | NEW         | TA0002 Execution     | T1059 Command     | Credential Dumping v   | () P ()        |          | 0     | 1 | 0   | 0 |
| нісн                        | NEW         | TA0002 Execution     | T1059 Command     | Credential Dumping v   | () P ()        |          | 0     | 1 | 0   | 0 |
| нісн                        | NEW         | TA0002 Execution,    | T1059 Command     | Credential Dumping v   | 0 P D          |          | 0     | 1 | 0   | 0 |
| нісн                        | NEW         | TA0002 Execution,    | T1059 Command     | Credential Dumping v   | () P ()        |          | 0     | 1 | 0   | 0 |
| П                           | NEW         | TA0002 Execution,    | T1059 Command     | Credential Dumping v   | () P ()        |          | 0     | 1 | 0   | 0 |
| нідн                        | NEW         | TA0002 Execution,    | T1059 Command     | Credential Dumping v   | () P 🗅         |          | 0     | 1 | 0   | 0 |
| НІСН                        | NEW         | TA0002 Execution,    | T1059 Command     | Credential Dumping v   | () P ()        |          | 0     | 1 | 0   | 0 |
| нібн                        | NEW         | TA0002 Execution,    | T1059 Command     | Credential dumping v   | P 🗅            |          | 0     | 1 | 0   | 0 |
| нісн                        | NEW         | TA0002 Execution,    | T1059 Command     | Credential Dumping v   | () P ()        |          | 0     | 1 | 0   | 0 |
| нібн                        | NEW         | TA0002 Execution,    | T1059 Command     | Credential Dumping v   | () P ()        |          | 0     | 1 | 0   | 0 |
| MEDIUM                      | NEW         | TA0005 Defense E     | T1070 Indicator R | Bulk File Deletion via | PD             |          | 0     | 1 | 1   | 0 |

On the **Alerts** screen, you can change the status of the alert, assign it for triage, add or edit labels, or delete the alert. You can click an alert group to display second level alert information, such as the individual alerts within the group, and use AI to generate an alert summary. You can use the **Actions** menu within the alert to create exceptions using AI to define the exception conditions automatically.

| ← Alerts > Account Manipulatio  | n via SSH Auth | norized | d Keys                                    |        |                |       |   |          |                      | + ACTIONS   | • 0         |
|---|----------------|---------|---|--------|----------------|-------|---|----------|----------------------|---|-------------|
| Overview<br>Ø. Actor Soladate   | ^              |         |   | STATUS |                | 2     | ĩ | ASSIGNEE | DETECTION TIME [     | Ainri 10. 964/0725364-4026 8/82-45/292/0887<br>& CYLANCEMOB SURVOIT: DETECTION OFTIAL (2)<br>Ainri Demonstra  | ×           |
| Privity<br>encet<br>Deveryation<br>Account Manipulation via SSH Authorized Keys<br>Isjue (0)<br>7328/e0to-7a00-4423-8ba6-bce64bd301bd                       |                |         | <ul> <li>D7/18bb1-e89e-444e-9.</li> </ul> | NEW    | TTLUB2204-4G10 | linax |   | +        | 2025-02-20 12:54 UTC | Desection Time (UTC)         2025-62-28 12-54 UTC           Desice         TTLU02204-4510           IP extrems         122.70.81, 122.01.1, 10.83.95.152, (e80:e778.8bchr           Zone         Imus | 7745:#527%2 |
| Classification<br>TABODE Privilege Escalation (S<br>Sub-dissification<br>T1058 Account Manipulation (S<br>T1058 Account Manipulation (SH Authorized Keys)(S |                |         |   |        |                |       |   |          |                      | tshMaripulation         File up           10         54e13165-7ee2-6536-5565-32923149377d   | fated 🧄     |
| CylanicOPTICS   | File updated   |         |   |        |                |       |   |          |                      | Docurred<br>2025-02-20112-54-41.7232<br>Path<br>/ecolsth/sth_config.dplg-new  | Terget      |

### **Best practice: Tuning your environment**

- 1. As a best practice, start with assigning the default BDE policy to devices and monitor the alerts prior to enabling automated responses. During this observation period, identify any alerts triggered by legitimate business applications and then add exceptions for them so that business continuity can be maintained when you enable automated responses. You can easily add exceptions from the Alerts view using the **Actions** menu.
- 2. Continue to monitor and review all alerts with High severity to determine if additional exceptions are required to remove unwanted alerts. You can apply filters in the Alerts screen to quickly find these alerts. For example, click the Product column heading, and then filter for CylanceOPTICS alerts. By default, the alerts with the highest severity are displayed at the top of the filter results.
- **3.** After the recommended observation period of seven to ten days has passed without any alerts triggered by legitimate business applications and no unwanted alerts, you are ready to enable automated responses and start enforcement.
  - If you want to enable automated responses for a detection technique, set the **Automated response severity** setting to **High only**. For the remediation actions, add **Display Desktop Notification**, **Log Off Remote Users** and **Terminate Process Tree**.
  - To start enforcement, edit the device policy to change the BDE policy operating mode from **Alert only** to **Full enforcement**.

### Legal notice

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