Avecto defendpoint

# Defendpoint ePO Extension  Dashboard Guide

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# Chapter 1 - Introduction

Defendpoint Avecto Reporting includes a rich set of dashboards and reports designed to simplify the centralized management and auditing of Defendpoint activity throughout the desktop and server estate.

A dashboard is a report that at the top level presents you with a series of charts and summarized data. Some dashboards have sub-reports that are presented as charts or tabular data.

This guide explains each of the dashboards within Avecto Reporting, as well as the reports and event data accessible from each view.

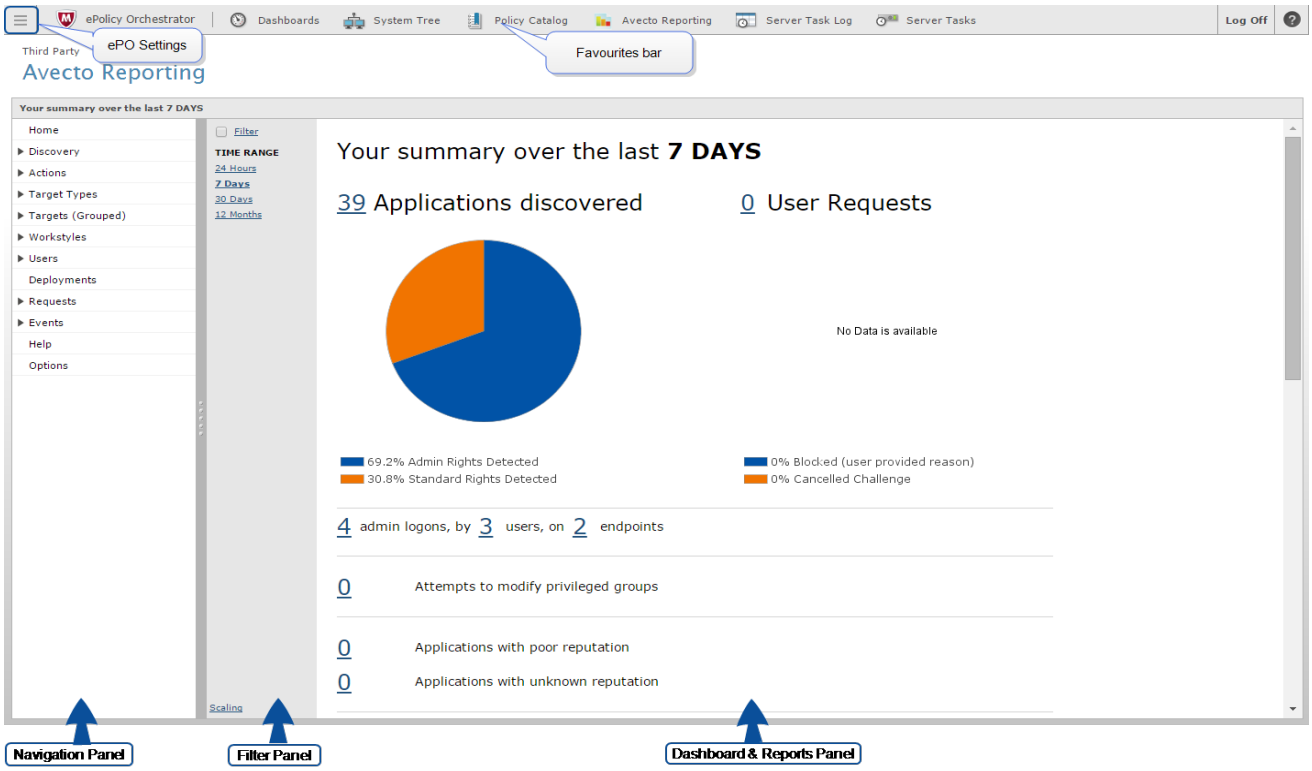
# Chapter 2 - Naming Conventions and Navigation

This section covers the Avecto Reporting interface elements and how to export and link to a specific report.

## 2.1 - Main Interface

The Favorites bar is user-configurable so the options, such as Avecto Reporting, may not always be available here if you have dragged it away from the bar.

All the options in the Favorites bar are available from the ePO Settings and can be dragged to the Favorites bar if required.




When Avecto Reporting is installed in the Defendpoint ePO Extension, the **Avecto Reporting** tab is available.

The **Scaling** link on the bottom of the filter toolbar allows you to control the size of the charts in the ePO Extension.

## 2.2 - Navigation Panel

The side navigation panel takes you to each top-level dashboard and the reports within that dashboard. Reports that are post-fixed with 'All' means the data is in tabular form.

Applying filters to reports requires processing time as these will not be cached. Cached query results will display the time and date of processing in brackets after the report title. Caching can be configured from the Options page, see **Options** detailed on page 48.

## 2.3 - Dashboard and Reports Panel

This is the area where dashboards and reports are displayed. A dashboard is a report with multiple charts covering a wide range of data. A report is a summary table or a page focused on a particular entity.

The graphical elements of a dashboard or report are interactive. You can click on a chart to view the data at an additional level of granularity.

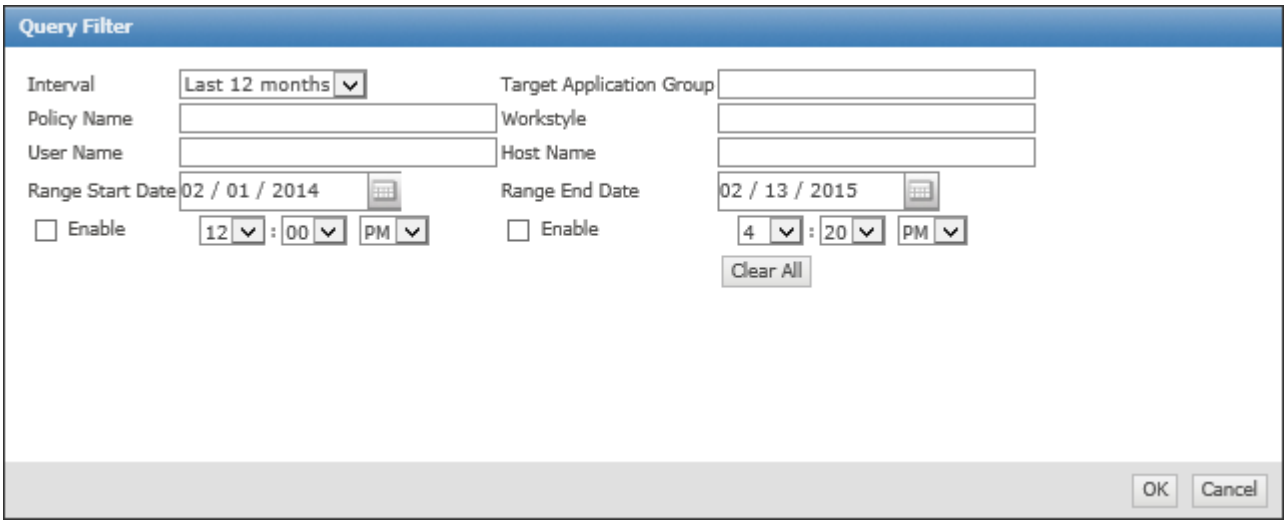
## 2.4 - Quick Filter Panel

The quick panel on the left-hand side displays a set of pre-defined filters relevant to the current dashboard or report to refine the data. You can click on a link to reload the page with that filter set. See **Quick Filter Panel Details** detailed on page 9 for a full list of filters.

The Quick Filter pane also includes a **Filter** check box at the top which opens the **Filter Dialog** detailed below.

## 2.5 - Filter Dialog

Click the **Filter** link at the top of the **Quick Filter Panel Details** detailed on page 9 to open the **Query Filter** dialog.




The **Query Filter** dialog allows custom filtering of data based on a number of properties. The filter options automatically perform substring matches on text meaning that any partial or complete words can be matched against.

Certain filter options support comma separated values so you can specify a list of filter values. For example, to restrict the results to three users you would enter `user1,user2,user3` in the **User Name** field.

The filter options support SQL wildcard characters.
See http://msdn.microsoft.com/en-us/library/ms179859.aspx for the guide to SQL wildcards.

Multiple "!" strings are accepted e.g. "!L-CZC13127L30l,!L-CNU410DJJ7"

Any text field supports wildcards, comma separated values (CSV) and the Does Not Match(!) options:

| Query Filter Dialog Operator | Effect |
|---|---|
| Comma separated list | value1,value2,value3 |
| Wildcard | part%<br>part%part2,part3%part4 |
| ! | !value<br>!value1,!value2 |
| == | value<br>value1,value2 |

# 2.6 - Reports in Table Format

Any report that is displayed in tabular format may contain numerous columns. In order to control column display you can click **Actions** > **Choose Columns** from the bottom-left of the table.

Use the arrow icons to add columns to the **Selected Columns** pane. In the **Selected Columns** pane use the **X** icon to return columns to the **Available Columns** pane and use the arrow icons to arrange the column display order.

Alternatively you can 'drag and drop' individual columns to the desired location in the display order. Click **Save** when you are satisfied with the column choice and display order. Table columns can be sorted by clicking on the **Column Name** and using the vertical arrow heads next to each column name.

# 2.7 - Exporting and Printing Reports

**Tabular views can be exported using the built-in Actions > Export Table feature to the following formats:**

- XML file with report data
- CSV (comma delimited)
- PDF
- HTML (web archive)

Exported data is based on the data currently configured within the dashboard or report, including any advanced filtering options which have been set. Charts can be saved using the built-in browser save functionality.

# Chapter 3 - Filtering Data

**There are two ways to filter data:**

- **Quick Filter Panel Details** detailed below
  - The Quick Filter panel on the left-hand side shows the most commonly used filters in the dashboards and reports. This filter panel is always displayed and cannot be collapsed.
- **Advanced Filter Details** detailed on page 13
  - The Advanced Filter is available from the Filter panel and contains more advanced filters that you can use to view data at a lower level of granularity to understand your insights.

## 3.1 - Quick Filter Panel Details

The quick filter panel has different options depending on which report you're currently viewing.

| Name | Description |
|---|---|
| Platform | • Windows<br>  • Filters by endpoints running a Windows operating system.<br>• OS X<br>  • Filters by endpoints running a Mac operating system. |
| Time Range | This is the time range that the actions are displayed over. For example, you can filter to the number of elevated actions in the last 24 hours in the **Actions** > **Elevated** report.<br><br>**You can choose from:**<br>• 24 Hours<br>• 7 Days<br>• 30 Days<br>• 12 Months |
| Time First Reported | This is the time range filtered by the date the application was first entered into the database. For example, you can filter to the new Windows applications by publisher that were first reported in the last 7 days in the **Discovery** > **By Publisher** report.<br><br>**You can choose from:**<br>• 24 Hours<br>• 7 Days<br>• 30 Days<br>• 6 Months<br>• 12 Months |

| Name | Description |
|---|---|
| Time First Executed | This is the time range over which the application was first executed. For example, you can filter to the new Windows applications, by type that were first executed in the last 30 days in the **Discovery** > **By Type** report.<br><br>**You can choose from:**<br>• 24 Hours<br>• 7 Days<br>• 30 Days<br>• 6 Months<br>• 12 Months |
| Filter by Target Type | This filter allows you to filter by a type of target. For example, you can filter to the applications that have been canceled across your time range in the Actions > Canceled report.<br><br>**You can choose from:**<br>• All<br>• Applications<br>• Services<br>• COM<br>• Remote PowerShell<br>• ActiveX<br>• URL<br>• Content |
| Filter by Action | This filter allows you to filter by a type of action. For example, you can filter to the services that have been elevated across your time range in the **Target Types** > **Services** report.<br><br>**You can choose from:**<br>• All<br>• Elevated<br>• Blocked<br>• Passive<br>• Sandboxed<br>• Custom<br>• Drop Admin Rights<br>• Enforce Default Rights<br>• Canceled |

| Name | Description |
|---|---|
| Filter by App Type | This filter allows you to filter by application type. For example, you can filter by applications that are executables that have been used across your time range in **Target Types** > **Applications**.<br><br>**You can choose from:**<br>• All<br>• Executable<br>• Control Panel Applet<br>• Management Console<br>• Installer Package<br>• Windows Script<br>• PowerShell Script<br>• Batch File<br>• Registry Settings<br>• Windows Store |
| Filter by Event Category | This filter allows you to filter by the category of the event. For example, you can filter by process events only, that have been raised across your time range in the **Events** > **All** report.<br><br>**You can choose from:**<br>• All<br>• Process<br>• DLL Control<br>• Content<br>• URL<br>• Privileged Account Protection<br>• Agent Start<br>• User Logon<br>• Services |
| Elevate Method | Allows you to filter by the elevation method used .For example, in the **Discovery** > **Requiring Elevation** report, you can filter by new applications which were accessed using on-demand elevation within the time range<br><br>**You can choose from:**<br>• All<br>• Admin account used<br>• Auto-elevated<br>• On-demand |

| Name | Description |
|---|---|
| Path | Allows you to filter by the path. For example, to filter on applications that were launched from the System path.<br><br>**You can choose from:**<br>• All<br>• System<br>• Program Files<br>• User Profiles |
| Source | The media source of the application. For example, was the application downloaded from the internet or, was it taken from removable media?<br><br>**You can choose from:**<br>• All<br>• Any external source<br>• Downloaded from internet<br>• Removable media |
| Challenge / Response | Allows you to filter by challenge/response events. For example, you can filter the application that required elevation on those applications that were launched following a completed challenge/response message.<br><br>**You can choose from:**<br>• All<br>• Only C/R |
| Admin Rights Required | Allows you to filter by the types of rights required.<br><br>**You can choose from:**<br>• All<br>• Admin Rights<br>• Standard Rights |
| Ownership | Allows you to group by the type of owner.<br><br>**You can choose from:**<br>• All<br>• Trusted owner<br>• Untrusted owner |
| Matched | Allows you to filter on the type of matching.<br><br>**You can choose from:**<br>• All<br>• Matched directly<br>• Matched as child |

## 3.2 - Advanced Filter Details

| Name | Description |
|---|---|
| Action | **There are twelve actions to choose from:**<br>• All, Elevated, Blocked, Sandboxed, Passive, Canceled, Drop Admin, Custom, Enforce Default Rights, Executed, Other, Allowed. |
| Activity ID | This field is used by Avecto Reporting. You do not need to edit it. Each Activity Type in Defendpoint has a unique ID. This is generated in the database as required. |
| Admin Required | **There are three options to choose from:**<br>• Either, True, False<br>These allow you to filter on if Admin Rights were required, not required or both. |
| Agent Version | The version of the Defendpoint agent. |
| App Policy Description | This is a free text filter that allows you to filter on a string that is part of the application description in the policy. |
| Application Desc | A text field that allows you to filter on the application name. For example in the **Discovery** report you could filter by "paint" in the **Application Desc** field. This would filter to application that contain the string "paint" in their descriptions. |
| Application Group | A text field that allows you to filter on the application group. You can obtain the application group from the policy editor. |
| Application Hash | A text field that allows you to filter on the application hash value. |
| Application Type | A text field that allows you to filter on the application type. You can obtain the application type from the policy editor. |
| Band | The number of users or hosts in that band. |
| Certificate Mode | **The client will verify the certificate and any signed settings that it loads. The three certificate modes are:**<br>• 0 - Standard mode<br>• 1 - Certificate warning mode<br>• 2 - Certificate enforcement mode<br>More information on each mode can be found in the Data Contracts Document. |
| Chassis Type | The physical form of the endpoint. 'Other' is a virtual machine. |
| Command Line | A text field that allows you to filter on the command line. |

| Name | Description |
|---|---|
| Date field | **There are three options to choose from:**<br>• Process Start Time<br>  • This is the time that the event was generated. One application can have multiple events. Each event has a Time Generated attribute.<br>• First Discovered<br>  • This is the time that the first event for a single application was entered into the database. This can be delayed if the user is working offline.<br>• First Executed<br>  • This is the first known execution time of events for that application.<br><br>These allow you to filter by the time the event was generated, the application was first discovered or the time the application was first executed. |
| Default Locale | This field is used by Avecto Reporting to filter on the default locale. |
| Default Time Zone | This field is used by Avecto Reporting to filter on the default time zone. |
| Default UI Language | The default language of the endpoint. |
| Device Types | **The type of device that the application file was stored on. You can select from:**<br>• Any<br>• Unknown Drive<br>• Fixed Disk<br>• Network<br>• RAM Disk<br>• Any Removable Drive or Media<br>• Removeable Media<br>• USB<br>• CD/DVD<br>• eSATA Drive |
| Distinct Application ID | This field is used by Avecto Reporting. You do not need to edit it. |
| Elevation Method | **There are five options to choose from:**<br>• Not Filtered, All Elevations, Admin account, Auto-elevated, On-Demand<br><br>These allow you to filter events by the type of elevation if used. |
| ePO Mode | This field is used by Avecto Reporting to filter on if the installation is in ePO Mode or not. |
| Event Number | This field is used by Avecto Reporting. You do not need to edit it.<br><br>The number assigned to the event type. |
| External Source | **There are four options to choose from:**<br>• Not Filtered, All External Sources, Internet, Media<br>These allow you to filter by the type of external source that the event came from. |
| File Name | You can filter by a partial file name string if required. |
| File Version | You can filter by a partial file version if required. |

| Name | Description |
|---|---|
| Host Name | This field allows you to filter by the name of the endpoint the event came from. |
| Ignore Discovery Events | This field is used by Avecto Reporting. You do not need to edit it. |
| Interval | **The time over which to display data. You can choose from four time periods:**<br>• Last 24 hours<br>• Last 7 days<br>• Last 30 days<br>• Last 6 months.<br>• Last 12 months |
| Just Discovery Events | Selecting this check box allows you to filter out everything except discovery events. |
| Max Rows | The number of rows to get from the database. |
| Message Name | The name of the message that was used. |
| Message Type | **The type of Message:**<br>• All<br>• None<br>• Prompt<br>• Notification<br>• Unknown |
| Operating System | This field is used by Avecto Reporting to filter on the type of operating system. |
| OS Product Type | This field is used by Avecto Reporting to filter on operating system product type. |
| Parent PID | The operating system process identifier of the parent process. |
| Parent Process Filename | The filename of the parent process. |
| Path | **Allows you to filter to events where the applications had certain default paths. You can select from:**<br>• All<br>• System<br>• Program Files<br>• User Profiles |
| PID | The operating system process identifier. |
| Policy Audit Mode | This field is used by Avecto Reporting to filter on the policy audit mode. |
| Policy Name | Free text field that you can use to match a full or partial policy name. |
| Policy/Workstyle | This allows you to filter on the policy and matching workstyle. The policy name appears first in the list followed by a period and then the workstyle name. |
| Product Name | The product name of the application. |
| Product Version | The product version of the application. |
| Program Files Path | Sets the Program Files path used by the **Discovery** > **By Path** report. |
| Publisher | The publisher of the application. |

| Name | Description |
|---|---|
| Reason | The reason supplied by the user where applicable. |
| Reputation | **The reputation of the application, you can choose from:**<br>• Any<br>• Good<br>• Known<br>• Unknown<br>• Poor<br>• Pending |
| Request Type | **The type of request:**<br>• All<br>• Blocked<br>• Canceled |
| Range End Date | The end time of the range being displayed. |
| Range Start Date | The start time of the range being displayed. |
| Rule Match Type | **The type of rule that was matched:**<br>• Any<br>• Direct Match<br>• Matched On Parent |
| Sandbox | **The sandboxed setting:**<br>• Not Set<br>• Any Sandbox<br>• Not Sandboxed<br>• Trusted |
| Shell or Auto | **Whether the process was launched using the shell 'Run with Defendpoint' option or by normal means (opening an application):**<br>• Any<br>• Shell<br>• Auto |
| Show Admin Logons | A check box to filter by Admin Logons only. |
| Show Power User Logons | A check box to filter by Power user Logons only. |
| Source URL | A text field to allow you to filter by the Soure URL. |
| Show Std User Logons | A check box to filter by Standard Logons only. |
| Source URL | The source URL is the address of the file server of the download. |
| System Path | Sets the system path used by the **Discovery** > **By Path** report. |

| Name | Description |
|---|---|
| Target Type | **The type of target that triggered the event:**<br>• All<br>• Application<br>• URL<br>• Services<br>• COM<br>• Remote PowerShell<br>• ActiveX<br>• Content |
| Trusted Application | The trusted application that triggered the event. |
| Trusted App Version | The trusted application version number. |
| UAC Triggered | **Whether or not Windows UAC was triggered:**<br>• Any<br>• True<br>• False |
| User Experience | **The type of User Experience:**<br>• Presented Challenge<br>• Activity Blocked<br>• Used On-Demand<br>• Canceled Message |
| User Name | The user name of the user who triggered the event. |
| User Profiles Path | Sets the 'User Profiles' path used by the **Discovery** > **By Path** report. |
| Workstyle (may include wildcard match) | The name of the workstyle that contained the rule that matched the application. |
| Avecto Zone Identifier | The Avecto Zone Identifier tag if present. The Avecto Zone identifier is present if the browser placed an ADS(Alternate Data Stream) tag on the file when the user downloaded it. Some file operations remove the ADS tag but the Avecto Zone Identifier will persist. |

# Chapter 4 - Reputation in Reporting

Reputation is enabled in the ePO Server Settings. Please see the Avecto Defendpoint ePO Extension Administration Guide for more information.

**Reputations are shown in the following reports and can be updated on-demand:**

- **Summary Dashboard** detailed on page 21
- **Discovery Dashboard** detailed on page 23
- **Discovery By Path** detailed on page 24
- **Discovery By Publisher** detailed on page 25
- **Discovery By Type** detailed on page 26
- **Discovery Requiring Elevation** detailed on page 27
- **Discovery From External Sources** detailed on page 28
- **Discovery All** detailed on page 28
- **Target Types All** detailed on page 36
- **Requests All** detailed on page 45
- **Events All** detailed on page 46

**Using the Target Types > All report as an example, this shows all the reputation states of:**

- **Good** (at least one source knows this application and it is good and, no sources say it is poor)
- **Known** (VirusTotal knows the application but there is no additional information from TIE)
- **Unknown** (the sources do not have a reputation)
- **Poor** (any source indicates it has a poor reputation)
- **Pending** (no reputation has been checked)

The threshold between **Poor** and **Good** is on the **Server Settings** page.

A detailed breakdown of the application can be accessed by clicking on the link where available in the **Reputation** column:


Reputations can be updated by clicking **Actions** > **Update Reputation**.

The speed of update is constrained by the rate of the slowest source. A public API such as Virus Total may be slow but you can cancel it if required.

Reputation is also displayed on the detailed **Application Report** and **Event Report**. Reputation can also be updated from here by clicking **Retry**.

# Chapter 5 - Dashboard and Reports

Avecto Reporting includes several high level dashboards that summarize the Defendpoint events.

**Summary Dashboard** – Provides a high-level summary of Defendpoint event data.

**Discovery Dashboard** - Summarizes all the unique applications that have been discovered. It differentiates between those that used elevated privileges and those that ran with standard privileges. The Discovery reports display the data from different angles such as by the location of the executable or the type of the executable. These dashboards only show new application items in the chosen time interval. For example, the Discovery dashboard can answer the question “what’s new this week and how’s it affecting my users?”.

**Actions Dashboard** - Summarizes audited items categorized by the type of action taken. This allows you to focus on the topic of interest. For example, elevation or blocking. The Actions reports show audits only of the selected type (Elevated, Blocked, Passive, Canceled, Custom, Drop Admin, Enforce Default Rights).

**Target Types Dashboard** – Shows all the Defendpoint activity over the specified time interval by target type. The **Target Types** > **All** report lists the targets in tabular form sorted by user count. The subheadings beneath the **Target Types** dashboard link filter the dashboard to show audits only of the selected type (Applications, Services, COM, Remote PowerShell, ActiveX, All). The **Targets (Grouped) Dashboard** - Shows high level Defendpoint activity grouped by important attributes (Publisher, Application Group, Message, Workstyle).

**Trusted Application Protection Dashboard** - Summarizes all the Trusted Application Protection incidents. These are defined as a child process being blocked from running because it matched the rules in the Trusted Application Protection policy or a DLL being blocked from being loaded by a Trusted Application because it didn't have a trusted owner or trusted publisher.

**Workstyles Dashboard** - Summarizes all the Defendpoint workstyle usage, including coverage statistics. This dashboard includes a report called **All**. This report lists the total number of different action types each workstyle has controlled. This dashboard allows analysis from the perspective of a specific workstyle.

- User Experience - Summarizes how users have interacted with messages, challenge / response dialogs and the shell integration within the specified time range.
- Privileged Logons - Privileged Logons provides a number of reports relating to logon events and the type of user, for example administrator and standard user
- Privileged Acount Management - Summarizes event data from the Privileged Account Management rule that blocks users from modifying local privileged group memberships, for example attempting to add a user to a local administrators group.

**Deployments Dashboard** - Summarizes Defendpoint Client deployments. The report shows which versions of Defendpoint are currently installed across the organisation. It includes asset information about endpoints such as operating system and default language to assist with workstyle targeting.

**Requests Dashboard** - Summarizes information about user requests that have been raised over the specific time frame. A blocked message with a reason entered or a canceled challenge / response message is considered to be a request.

**Events Dashboard** - Summarizes information about the different types of events that have been raised over the specified time frame. It also shows the time elapsed since a host raised an event.

**Options - Overall reporting options and information:**

- **Caching Options** - Allows you to select and/or clear the caching of query results for 7 Day, 30 Day and 12 Month periods or All Caches.
- **Database Monitoring Graph** - A graphical representation of the speed that individual reports are being generated by the system.
- **Database Monitoring Table** - A tabular representation of the above.

# 5.1 - Summary Dashboard

The **Summary** dashboard summarizes the most important activity that has occurred in the time period defined by the quick filter. You can use this information to inform workstyle development or to show anomalous user behavior in your organization.

**The Summary Dashboard includes the following charts:**

| Chart | Description |
|---|---|
| Application Discovered | **The total number of newly discovered Applications split by the type of user rights required:**<br>• Admin rights required<br>• Standard rights required<br><br>Clicking the legend takes you to the New Applications table with the **Admin Rights Required** detailed on page 12 |
| User Requests | **The total number of User Requests split by the type of request:**<br>• Blocked (user provided reason)<br>• User canceled challenge<br><br>Clicking the chart or legend takes you to the **Summary** > **All Requests** report with the **Request Type** detailed on page 16 filter applied. |
| Admin logons, by users, on endpoints | Summarizes the number of admin logons, how many users carried them out and how many endpoints were used.<br><br>Clicking the numbers takes you to the **User Sessions** table with the **Show Admin Logons** detailed on page 16 filter applied. |
| Trusted Application Protection | The number of Trusted Application incidents, how many users, and how many endpoints were affected.<br><br>Clicking the number of incidents takes you to the **Events (All)** report with the **Trusted Application** detailed on page 17 filter applied. |
| Attempts to modify privileged groups | The number of blocked attempts to modify privileged groups<br><br>Clicking the icon, numbers or text takes you to the **Privileged Account Management** table. |

| Chart | Description |
|---|---|
| Applications with poor reputation | The number of applications that have been classified as having a poor reputation.<br><br>Clicking the number takes you to the **Applications** table with the **Reputation** detailed on page 16 filter applied.<br><br>This option will only be available if reputation has been configured. see the Administration Guide for more information. |
| Applications with unknown reputation | The number of applications that have been classified as having an unknown reputation.<br><br>Clicking this number takes you to the **Applications** table with the **Reputation** detailed on page 16 filter applied.<br><br>This option will only be available if reputation has been configured. see the Administration Guide for more information. |
| Application run from external sources | The number of applications that were run from external sources.<br><br>Clicking the icon, numbers or text takes you to the **Applications** table with the **External Source** detailed on page 14 filter applied. |
| Activities blocked | The number of applications that were blocked.<br><br>Clicking the number takes you to the Applications table with the **Action** detailed on page 13 filter applied. You can also click the chart that displays blocked activities by target type to see the Applications table with the **Target Type** detailed on page 17 filter applied. |
| Applications used On-Demand privileges | The number of applications that were launched using on-demand privileges.<br><br>Clicking the number takes you to the **Applications** table with the **Shell or Auto** detailed on page 16 filter applied. |
| UAC matches | The number of applications that triggered User Account Control (UAC).<br><br>Clicking the number takes you to the **Applications** table with the **UAC Triggered** detailed on page 17 filter applied. |
| Hosts audited | The number of endpoints that were audited.<br><br>Clicking the number takes you to the **Hosts** table. You can also click the chart displaying time since the most recent event for hosts. This takes you to the Hosts table with the **Band** detailed on page 13 filter applied. |

| Chart | Description |
|---|---|
| Events audited | The number of events that were audited.<br><br>Clicking the number takes you to the **Events (All)** table. You can also click the chart displaying the number of events audited by event category. This takes you to the Events > All report with the **Filter by Event Category** detailed on page 11 filter applied. |

## 5.2 - Discovery Dashboard

This report displays information about applications that have been discovered by the reporting database for the first time. An application is first discovered when an event from received by the Avecto Reporting database.

**The Discovery Dashboard has the following charts:**

| Chart | Description |
|---|---|
| Applications first reported in the specified time frame | **A chart showing the number of applications that have been discovered split by the types of rights detected:**<br>• Admin Rights Detected<br>• Standard Rights Detected<br><br>Clicking the legend under the graph takes you to the **New Applications** table with the **Admin Rights Required** detailed on page 12 filter applied. |
| Types of newly discovered applications | A chart showing the number of applications that have been discovered by the type of application.<br><br>Clicking the chart takes you to the **New Applications** table with the **Admin Rights Required** detailed on page 12 and **Filter by App Type** detailed on page 11 filters applied. |

**The Discovery Dashboard has the following tables:**

| | |
|---|---|
| New applications with admin rights (top 10) | A list of discovered applications that are running with admin rights. This list is ordered by the number of users. Click **View all** to see the full list.<br><br>Clicking any of the applications in the list takes you to the **New Applications** table with the **Admin Rights Required** detailed on page 12 and **Application Type** detailed on page 13 filters applied.<br><br>Clicking on the associated user count takes you to the Users List. |

| | |
|---|---|
| New applications with standard rights (top 10) | A list of discovered applications that are running with standard, not admin rights. This list is ordered by the number of users. Click **View all** to see the full list.<br><br>Clicking any of the applications in the list takes you to the **New Applications** table for that application with the **Admin Rights Required** detailed on page 12 and **Application Type** detailed on page 13 filters applied.<br><br>Clicking on the associated user count takes you to the Users List. |
| New applications with admin rights (by type) | A list of the types of applications that required admin rights that were newly discovered within the time interval. They are ordered by the total number of applications for each type. Click **View all** to see the full list.<br><br>Clicking any of the application types in the list takes you to the **New Applications** table with the **Admin Rights Required** detailed on page 12 and **Application Type** detailed on page 13 filters applied. |
| New applications with standard rights (by type) | The types of applications that did not require admin rights that were newly discovered within the time interval. They are ordered by the total number of applications for each type.<br><br>Clicking any of the application types in the list takes you to the **New Applications** table with the **Admin Rights Required** detailed on page 12 and **Application Type** detailed on page 13 filters applied. |
| New Applications with poor reputation, admin rights detected | A list of new applications with poor reputation where admin rights were detected. |
| New applications with poor reputation, standard rights detected | A list of new applications with poor reputation where standard rights were detected. |

**The following quick filters are available:**

- **Time First Reported** detailed on page 9
- **Admin Rights Required** detailed on page 12

## 5.2.1 - Discovery By Path

This table displays all distinct applications installed within certain locations that have been discovered during the specified time frame.

**For Windows the locations are:**

- **System** – C:\Windows\
- **Program Files** – C:\Program Files\,C:\Program Files (x86)\
- **User Profiles** – C\Users

The paths can be altered using the filter panel.

**The following columns are available for the Discovery By Path table:**

- **Path** – The Path category that the application was installed in. You can click the '+' icon to expand the row and see each application.
- **Description** – The description of the application.

- **Version** – The version of the application.
- **Reputation** – The reputation of the application if known.
- **# Users** – The number of users.
- **Median # processes / user** – The median number of processes per user.
- **# Hosts** – The number of hosts.
- **# Processes** – The number of processes.
- **Apps** – The number of applications.
- **Date first reported** – The date when the application was first entered into the database.
- **Date first executed** – The first known date that the application was executed.

**Some of these columns allow you to drill-down to additional information:**

- **Description** – takes you to the **Applications report** for that specific application.
- **# Users** – takes you to a list of users that the application events came from.
- **# Hosts** – takes you to a list of hosts that the application events came from.
- **# Processes** – takes you to the **Events All** table and lists the events received in the time period for the selected application.

**The following quick filters are available:**

- **Time First Reported** detailed on page 9
- **Time First Executed** detailed on page 10
- **Path** detailed on page 12
- **Source** detailed on page 12
- **Quick Filter Panel Details** detailed on page 9
- **Ownership** detailed on page 12
- **Matched** detailed on page 12

## 5.2.2 - Discovery By Publisher

This table displays the discovered applications grouped by publisher. Where there is more than one application per publisher the **+** symbol allows you to expand the entry to examine each application.

**The following columns are available for the Windows Discovery By Publisher table:**

- **Publisher** – The publisher of the applications.
- **Description** – The description of a specific application.
- **Application Type** – The Type of application.
- **Version** – The version number of a specific application.
- **Reputation** – The reputation of the application if known.
- **# Users** – The number of users.
- **Median # processes / user** – The median number of processes per user.
- **# Hosts** – The number of hosts.
- **# Processes** – The number of processes.
- **Apps** – The number of applications.
- **Date first reported** – The date when the application was first entered into the database.
- **Date first executed** – The first known date that the application was executed.

- **Name** - the product name. This is hidden by default but you can select it from the **Actions** > **Choose Columns** menu.

**Some of these columns allow you to drill-down to additional information:**

- **Description** - takes you to the **Application** report.
- **# Users** – takes you to a list of users that the application events came from.
- **# Hosts** – takes you to a list of hosts that the application events came from.
- **# Processes** – takes you to the **Events All** table and lists the events received in the time period for the selected application.

**The following quick filters are available:**

- **Time First Reported** detailed on page 9
- **Time First Executed** detailed on page 10
- **Path** detailed on page 12
- **Source** detailed on page 12
- **Quick Filter Panel Details** detailed on page 9
- **Ownership** detailed on page 12
- **Matched** detailed on page 12

## 5.2.3 - Discovery By Type

This table displays applications that have broken down by type. Where there is more than one application per type the **+** symbol allows you to expand the entry to examine each application.

**The following columns are available for the Windows Discovery By Type table:**

- **Type** – The type of application.
- **Description** – The description of the application.
- **Publisher** – The publisher of a specific application.
- **Application Type** – The type of application.
- **Version** – The version of the application.
- **Reputation** – The reputation of the application if known.
- **# Users** – The number of users.
- **Median # processes / user** – The median number of processes per user.
- **# Hosts** – The number of hosts.
- **# Processes** – The number of processes.
- **Apps** – The number of applications.
- **Date first reported** – The date when the application was first entered into the database.
- **Date first executed** – The first known date that the application was executed.

**Some of these allow you to drill-down to additional information:**

- **Description** – takes you to the applications table - detail on the application.
- **# Users** – takes you to a list of users that the application events came from.
- **# Hosts** – takes you to a list of hosts that the application events came from.
- **# Processes** – takes you to the **Events All** table and lists the events received in the time period for the selected application.

**The following quick filters are available:**

- **Time First Reported** detailed on page 9
- **Time First Executed** detailed on page 10
- **Path** detailed on page 12
- **Source** detailed on page 12
- **Admin Rights Required** detailed on page 12
- **Ownership** detailed on page 12
- **Matched** detailed on page 12

## 5.2.4 - Discovery Requiring Elevation

This table displays the applications that were elevated or required admin rights.

**The following columns are available for the Windows Discovery Requiring Elevation table:**

- **Description** – The description of a specific application.
- **Publisher** – The publisher of a specific application.
- **Application Type** – The type of application.
- **Reputation** – The reputation of the application if known.
- **# Users** – The number of users.
- **Median # processes / user** – The median number of processes per user.
- **# Hosts** – The number of hosts.
- **# Processes** – The number of processes.
- **Version** – The version number of a specific application.
- **Elevate Method** – The type of method used to elevate the application. This can be 'All', 'Admin account used', 'Auto-elevated' or 'on-demand'.
- **Date first reported** – The date when the application was first entered into the database.
- **Date first executed** – The first known date that the application was executed.

**Some of these allow you to drill-down to additional information:**

- **Description** – takes you to the **Applications report** which is filtered to that specific application.
- **Reputation** – takes you to the application reputation details.
- **# Users** – takes you to a list of users that the application events came from.
- **# Hosts** – takes you to a list of hosts that the application events came from.
- **# Processes** – takes you to the **Events All** table and lists the events received in the time period for the selected application.
- **Elevate Method** – takes you to the **Events All** table with an extra **Elevate Method** column.

**The following quick filters are available:**

- **Time First Reported** detailed on page 9
- **Time First Executed** detailed on page 10
- **Elevate Method** detailed on page 11
- **Path** detailed on page 12
- **Source** detailed on page 12
- **Challenge / Response** detailed on page 12
- **Matched** detailed on page 12

## 5.2.5 - Discovery From External Sources

This table displays all applications that have originated from an external source such as the internet or an external drive.

**The following columns are available for the Windows Discovery from External Sources table:**

- **Description** – The description of a specific application.
- **Ext Source** – The external source of the application.
- **Publisher** – The publisher of a specific application.
- **Application Type** – The type of application.
- **Reputation** – The reputation of the application if known.
- **# Users** – The number of users.
- **Median # processes / user** – The median number of processes per user.
- **# Hosts** – The number of hosts.
- **# Processes** – The number of processes.
- **Version** – The version number of a specific application.
- **Date first reported** – The date when the application was first entered into the database.
- **Date first executed** – The first known date that the application was executed.

**Some of these allow you to drill-down to additional information:**

- **Description** – takes you to the applications table - detail on the application.
- **Reputation** – takes you to the application reputation details.
- **# Users** – takes you to a list of users that the application events came from.
- **# Hosts** – takes you to a list of hosts that the application events came from.
- **# Processes** – takes you to the **Events All** table and lists the events received in the time period for the selected application.
- **Elevate Method** – takes you to the **Events All** table.

**The following quick filters are available:**


- **Time First Reported** detailed on page 9
- **Time First Executed** detailed on page 10
- **Path** detailed on page 12
- **Source** detailed on page 12
- **Admin Rights Required** detailed on page 12
- **Ownership** detailed on page 12
- **Matched** detailed on page 12


## 5.2.6 - Discovery All

This table lists all applications discovered in the time period, grouped by the application description so that if multiple versions of the same application exist, they are grouped on the same line. These can be expanded by clicking on the '+' symbol in the **Version** column.

**The following columns are available for the Windows Discovery All table:**

- **Description** – The description of a specific application.
- **Publisher** – The publisher of a specific application.
- **Application Type** – The Type of application.

- **Version** – The version number of a specific application.
- **Reputation** – The reputation of the application if known.
- **# Users** – The number of users.
- **Median # processes / user** – The median number of processes per user.
- **# Hosts** – The number of hosts.
- **# Processes** – The number of processes.
- **Date first reported** – The date when the application was first entered into the database.
- **Date first executed** – The first known date that the application was executed.
- **Name** - the product name. This is hidden by default but you can select it from the **Actions** > **Choose Columns** menu.

**Some of these columns allow you to drill-down to additional information:**

- **Description** – takes you to the **Applications report** for that specific application.
- **# Users** – takes you to a list of users that the application events came from.
- **# Hosts** – takes you to a list of hosts that the application events came from.
- **# Processes** – takes you to the **Events All** table.

**The following quick filters are available:**

- **Time First Reported** detailed on page 9
- **Time First Executed** detailed on page 10
- **Path** detailed on page 12
- **Source** detailed on page 12
- **Admin Rights Required** detailed on page 12
- **Ownership** detailed on page 12
- **Matched** detailed on page 12

# 5.3 - Actions Dashboard

The **Actions** dashboard breaks down the application activity by the type of action. It also lists the most active targets.

**The Actions Dashboard has the following charts:**

| Chart | Description |
|---|---|
| All actions over the specified time frame | A chart showing the number of targets broken down by the type of action for each time frame.<br><br>**The types of action are:**<br>• Elevated, Sandboxed, Passive, Canceled, Drop Admin, Custom, Enforce Default Rights, Blocked<br><br>Clicking on the chart takes you to the **Applications** table with the **Action** detailed on page 13 filter applied. |

| Chart | Description |
|---|---|
| Distinct target count by action | A chart showing the target count broken down by the type of action.<br><br>**The types of action are:**<br>• Elevated, Sandboxed, Passive, Canceled, Drop Admin, Custom, Enforce Default Rights, Blocked<br><br>Clicking on the chart takes you to the **Applications** table with the **Action** detailed on page 13 filter applied. |
| Top 10 targets | A chart showing the ten most used targets by process count.<br><br>Clicking on the chart takes you to the **Events** > **All** report with the **Application Desc** detailed on page 13 filter applied. |

Clicking on the Target Name in the legend takes you to the **Application** report for that application.

**The following quick filters are available:**

- **Time Range** detailed on page 9
- **Filter by Target Type** detailed on page 10

## 5.3.1 - Actions Elevated

**The Actions Elevated report shows three charts for the Elevated action.**

- Elevated actions broken down by the target type per time period.
  - Clicking on an area in the chart takes you to the **Applications** report with the **Filter By Target Type** and **Filter by Action** filters applied.
- Distinct target count by the target type for the entire duration of the time period.
  - Clicking on an area in the chart or the URLs in the legend takes you to the **Applications** report with the **Filter By Target Type** and **Filter by Action** filters applied.
- The top 10 Targets.
  - Clicking on an area in the chart takes you to the **Events** > **All** table with the **Action** and **App Description** filters applied.

Clicking on the Target Name in the legend takes you to the **Application** report for that application.

**The target types are:**

- All, Application, Services, COM, Remote PowerShell, ActiveX, URL, Content

**The following quick filters are available:**

- **Time Range** detailed on page 9
- **Filter by Target Type** detailed on page 10

## 5.3.2 - Actions Blocked

**The Actions Blocked report shows three charts for the blocked action:**

- Blocked actions broken down by the target type per time period.
  - Clicking on an area in the chart takes you to the **Applications** report with the **Filter by Action** and **Filter By Target Type** applied.

- Distinct target count by the target type for the entire duration of the time period.
  - Clicking on an area in the chart or the URLs in the legend takes you to the **Applications** report with the **Filter by Action** and **Filter By Target Type** applied.
- The top 10 targets.
  - Clicking on an area in the chart takes you to the **Events** > **All** table with the **App Description** filter applied.

Clicking on the Target Name in the legend takes you to the **Application** report for that application.

**The target types are:**

- All, Application, Services, COM, Remote PowerShell, ActiveX, URL, Content

**The following quick filters are available:**

- **Time Range** detailed on page 9
- **Filter by Target Type** detailed on page 10

## 5.3.3 - Actions Passive

**The Actions Passive report shows three charts for the passive action:**

- Actions that were passive broken down by the target type per time period.
  - Clicking on an area in the chart takes you to the **Applications** report with the **Filter by Action** and **Filter By Target Type** applied.
- Distinct target count by the target type for the entire duration of the time period.
  - Clicking on an area in the chart or the URLs in the legend takes you to the **Applications** report with the **Filter by Action** and **Filter By Target Type** applied.
- The Top 10 Targets.
  - Clicking on an area in the chart takes you to the **Events** > **All** table with the **App Description** filter applied.

Clicking on the Target Name in the legend takes you to the **Application** report for that application.

**The target types are:**

- All, Application, Services, COM, Remote PowerShell, ActiveX, URL, Content

**The following quick filters are available:**

- **Time Range** detailed on page 9
- **Filter by Target Type** detailed on page 10

## 5.3.4 - Actions Canceled

**The Actions Canceled report shows three charts for the canceled action:**

- Canceled actions broken down by the target type per time period.
  - Clicking on an area in the chart takes you to the **Applications** report with the **Filter by Action** and **Filter By Target Type** applied.
- Distinct target count by the target type for the entire duration of the time period.
  - Clicking on an area in the chart or the URLs in the legend takes you to the **Applications** report with the **Filter by Action** and **Filter By Target Type** applied.

- The top 10 Targets.
  - Clicking on an area in the chart takes you to the **Events** > **All** table with the **App Description** filter applied.

Clicking on the Target Name in the legend takes you to the **Application** report for that application.

**The target types are:**
- All, Application, Services, COM, Remote PowerShell, ActiveX, URL, Content

**The following quick filters are available:**
- **Time Range** detailed on page 9
- **Filter by Target Type** detailed on page 10

## 5.3.5 - Actions Custom

**The Actions Custom report shows three charts for the custom action:**
- Custom actions broken down by the target type per time period.
  - Clicking on an area in the chart takes you to the **Applications** report with the **Filter by Action** and **Filter By Target Type** applied.
- Distinct target count by the target type for the entire duration of the time period.
  - Clicking on an area in the chart or the URLs in the legend takes you to the **Applications** report with the **Filter by Action** and **Filter By Target Type** applied.
- The top 10 Targets.
  - Clicking on an area in the chart takes you to the **Events** > **All** table with the **App Description** filter applied.

Clicking on the Target Name in the legend takes you to the **Application** report for that application.

**The target types are:**
- All, Application, Services, COM, Remote PowerShell, ActiveX, URL, Content

**The following quick filters are available:**
- **Time Range** detailed on page 9
- **Filter by Target Type** detailed on page 10

## 5.3.6 - Actions Drop Admin

Drop-Admin is Windows-XP specific functionality.

**The Actions Drop Admin report shows three charts for the drop-admin action:**
- Actions where admin-rights were dropped broken down by the target type per time period.
  - Clicking on an area in the chart takes you to the **Applications** report with the **Filter by Action** and **Filter By Target Type** applied.
- Distinct target count where admin -rights were dropped broken down by the target type for the entire duration of the time period.
  - Clicking on an area in the chart or the URLs in the legend takes you to the **Applications** report with the **Filter by Action** and **Filter By Target Type** applied.

- The top 10 Targets.
  - Clicking on an area in the chart takes you to the **Events** > **All** table with the **App Description** filter applied.

Clicking on the Target Name in the legend takes you to the **Application** report for that application.

**The target types are:**
- All, Application, Services, COM, Remote PowerShell, ActiveX, URL, Content

**The following quick filters are available:**
- **Time Range** detailed on page 9
- **Filter by Target Type** detailed on page 10

### 5.3.7 - Actions Enforce Default Rights

**The Actions Enforce Default Rights report shows three charts for the enforce default rights action:**
- Actions were default-rights were enforced broken down by the target type per time period.
  - Clicking on an area in the chart takes you to the **Applications** report with the **Filter by Action** and **Filter By Target Type** applied.
- Distinct target count by the target type for the entire duration of the time period.
  - Clicking on an area in the chart or the URLs in the legend takes you to the **Applications** report with the **Filter by Action** and **Filter By Target Type** applied.
- The top 10 Targets.
  - Clicking on an area in the chart takes you to the **Events** > **All** table with the **App Description** filter applied.

Clicking on the Target Name in the legend takes you to the **Application** report for that application.

**The target types are:**
- All, Application, Services, COM, Remote PowerShell, ActiveX, URL, Content

**The following quick filters are available:**
- **Time Range** detailed on page 9
- **Filter by Target Type** detailed on page 10

## 5.4 - Target Types Dashboard

The **Targets Types** dashboard breaks down the target activity by the type of target.

| Chart | Description |
|---|---|
| All activity over the last (time interval) | A chart showing the target count split by target type across the specified time period.<br><br>**The types of target are:**<br>• Application, Services, COM, Remote PowerShell, ActiveX, URL, Content<br><br>Clicking on the chart takes you to the **Applications** table with the **Target Type** detailed on page 17 filter applied. |
| By type | A chart and table showing the total target count by target type.<br><br>**The types of target are:**<br>• Application, Services, COM, Remote PowerShell, ActiveX, URL, Content<br><br>Clicking on the chart takes you to the **Applications** table with the **Target Type** detailed on page 17 filter applied. |
| Top 10 activities | A chart showing the 10 most common activities by process count. A unique activity is defined by the type of action and the target name.<br><br>Clicking on the chart takes you to the **Events (All)** table with the Activity ID applied. You can't change this. |

**The following quick filters are available:**

- **Time Range** detailed on page 9
- **Filter by Action** detailed on page 10

## 5.4.1 - Target Types Applications

**The Target Types Applications report shows three charts for the application target type:**

- Applications activity over the time period.
  - Clicking on an area in the chart takes you to the **Target Types** > **All** report with the **Filter By Target Type** and **Application Type** filters applied.
- Applications broken down by the application type active during of the time period.
  - Clicking on an area in the chart or the URLs in the legend takes you to the **Target Types** > **All Report** with the **Filter By Target Type** and **Application Type** filters applied.
- The top 10 application activities.
  - Clicking on an area in the chart takes you to the **Events** > **All** table.

**The application types are:**

- Windows Store Application, PowerShell Script, Installer Package, Control Panel Applets, Registry Settings, Windows Script, Management Console Snapin, Executables, Batch File

**The following quick filters are available:**

- **Time Range** detailed on page 9
- **Filter by Action** detailed on page 10
- **Filter by App Type** detailed on page 11

## 5.4.2 - Target Types Services

**The Target Types Services report shows three charts for the Service target type:**

- Services target types split by type of action broken down over the time period.
  - Clicking on an area in the chart takes you to the **Target Types** > **All** report with the **Filter By Action** and **Filter by Target Type** filters applied.
- Services broken down by the type of action for the entire duration of the time period.
  - Clicking on an area in the chart or the URLs in the legend takes you to the **Target Types** > **All Report** with the **Filter By Action** and **Filter by Target Type** filters applied.
- The top 10 services activities.
  - Clicking on an area in the chart takes you to the **Events** > **All** table with the **Target Type** and **Activity ID** filters applied.

**The types of action are:**

- Blocked, Elevated, Canceled

**The following quick filters are available:**

- **Time Range** detailed on page 9
- **Filter by Action** detailed on page 10

## 5.4.3 - Target Types COM

**The Target Types COM (Component Object Model) report shows three charts for the COM target type:**

- COM target types split by type of action broken down over the time period.
  - Clicking on an area in the chart takes you to the **Target Types** > **All** report with the **Filter By Action** and **Filter by Target Type** filters applied.
- COM target types split by the type of action for the entire duration of the time period.
  - Clicking on an area in the chart or the URLs in the legend takes you to the **Target Types** > **All Report** with the **Filter By Action** and **Filter by Target Type** filters applied.
- The top 10 COM target types.
  - Clicking on an area in the chart takes you to the **Events** > **All** table with the **Filter by Action** and **Filter by Target Type** filters applied.

**The following quick filters are available:**

- **Time Range** detailed on page 9
- **Filter by Action** detailed on page 10

## 5.4.4 - Target Types Remote PowerShell

**The Target Types Remote PowerShell report shows three charts for the Remote PowerShell target type:**

- Remote PowerShell target types split by type of action broken down over the time period.
  - Clicking on an area in the chart takes you to the **Target Types** > **All** report with the **Filter By Action** and **Filter by Target Type** filters applied.
- Remote PowerShell target types split by the type of action for the entire duration of the time period.
  - Clicking on an area in the chart or the URLs in the legend takes you to the **Target Types** > **All Report** with the **Filter By Action** and **Filter by Target Type** filters applied.

- The top 10 Remote PowerShell activities.
  - Clicking on an area in the chart takes you to the **Events** > **All** table with the **Target Type** and **Activity ID** filters applied.

**The following quick filters are available:**

- **Time Range** detailed on page 9
- **Filter by Action** detailed on page 10

## 5.4.5 - Target Types ActiveX

**The Target Types Active report shows three charts for the ActiveX type:**

- ActiveX target types split by type of action broken down over the time period.
  - Clicking on an area in the chart takes you to the **Target Types** > **All** report with the **Filter By Action** and **Filter by Target Type** filters applied.
- ActiveX target types split by the type of action for the entire duration of the time period.
  - Clicking on an area in the chart or the URLs in the legend takes you to the **Target Types** > **All Report** with the **Filter By Action** and **Filter by Target Type** filters applied.
- The top 10 Active X Activities.
  - Clicking on an area in the chart takes you to the **Events** > **All** table with the **Filter by Action** and **Filter by Target Type** filters applied.

**The following quick filters are available:**

- **Time Range** detailed on page 9
- **Filter by Action** detailed on page 10

## 5.4.6 - Target Types All

This table lists all applications active in the time period, ordered by user count descending.

**The following columns are available for the Windows Discovery All table:**

- **Description** – The description of a specific application.
- **Publisher** – The publisher of a specific application.
- **Product Name** – The product name of a specific application.
- **Application Type** – The type of application.
- **Product Version** – The version number of a specific application.
- **# Process Count** – The number of processes.
- **# User Count** – The number of users.
- **# Host Count** – The number of hosts.
- **Reputation** – the reputation of the application if known.

**Some of these columns allow you to drill-down to additional information:**

- **Description** – takes you to the **Application** report.
- **Process Count** – takes you to the **Events** > **All** Table with the **Distinct Application ID** filter applied.
- **User Count** – takes you to a list of users who generated events with that application within the time period.
- **Host Count** – takes you to a list of hosts that generated events with that application within the time period.

If you want to see only applications controlled automatically or only applications launched using the shell menu you can use the **Shell** or **Auto** filter. These values can be useful in discovering how many times applications are being automatically elevated in comparison to being deliberately elevated by the user by means of shell elevation.

**The following quick filters are available:**

- **Time Range** detailed on page 9

## 5.5 - Targets (Grouped)

The **Targets (Grouped)** dashboard shows you the same information as the **Target Types Dashboard** detailed on page 33, however, it allows you to group the data by four areas:

- Publisher
- Application Group
- Message
- Workstyle

| Chart | Description |
|---|---|
| All activity by (grouped area) over the time period. | A chart and table showing all activity within the specified time frame broken down by the above filter.<br><br>Clicking the chart takes you to a table with more information specifically for that Publisher, Application Group, Message or Workstyle depending on the group you have selected.<br><br>You can drill further into each of these reports as required. |

**The following quick filters are available:**

- **Time Range** detailed on page 9
- **Filter by Action** detailed on page 10
- **Filter by Target Type** detailed on page 10

## 5.6 - Trusted Application Protection Dashboard

This report shows information about TAP incidents. A TAP incident is a child process of a Trusted Application being blocked due to a Trusted Application policy, or, a DLL being blocked from being loaded by a Trusted Application because it doesn't have a trusted owner or trusted publisher.

For more information about Trusted Application Protection for child processes and DLL control please see the ePO Administration Guide.

There are no advanced filters for the Trusted Application Protection dashboard.

| Chart | Description |
|---|---|
| Trusted Application Protection incidents over the time period. | A column chart showing the number of the different incidents broken down by the trusted application.<br><br>Clicking the chart or legend takes you to the **Processes** table with the **Trusted Application** detailed on page 17 and time range filters applied. |
| Trusted Application Protection incidents, by application | A table listing each trusted application, the number of TAP incidents, the number of Targets, the number of Users, and the number of Hosts affected.<br><br>Clicking the Incidents number takes you to the **Processes** table with the **Trusted Application** detailed on page 17 filter applied. You can click the Description to see further details on the Event.<br><br>Clicking the Targets number takes you to the **Application** table with the **Trusted Application** detailed on page 17 filter applied. You can click the Description to see further details on the Event. |
| Top 10 targets (top # of total #) | The top 10 targets for TAP incidents.<br><br>Clicking the Target takes you to the **Application Details** page with the **Application Type** detailed on page 13 and **Distinct Application ID** detailed on page 14 filters applied.<br><br>Clicking the Incident number takes you to the **Processes** table. Clicking the Users or Hosts number takes you to the Users or Hosts list respectively. |

# 5.7 - Workstyles Dashboard

The **Workstyles** report displays how the workstyles that you deployed are being used within the specified time period.

**The Workstyles Dashboard has the following charts:**

| Chart | Description |
|---|---|
| All workstyles over the time period | A table showing the number of workstyles that were matched, the number of hosts, the number of users, and the applications affected by those workstyles. These are also shown as a percentage of the total in the database, irrespective of any filters apart from Time Range.<br><br>Clicking the count for workstyles, users or hosts takes you to a list of the entities. Clicking on the count of applications affected takes you to the **Target Types -> All table**. |

| Chart | Description |
|---|---|
| Summary by process activity (top 10) | Shows the top 10 most active workstyles split by the type of action.<br><br>**The types of action are:**<br>• Elevated<br>• Sandboxed<br>• Passive<br>• Canceled<br>• Drop Admin<br>• Custom<br>• Enforce Default Rights<br>• Blocked<br><br>Clicking the chart takes you to the Events (All) table with the **Action** detailed on page 13 and **Policy/Workstyle** detailed on page 15 filters applied. |
| % Coverage by Workstyle (Top 10) | A chart showing the percentage of users and hosts that the most active workstyles cover. The workstyles are ordered by the total number of users and hosts affected.<br><br>Clicking on this chart takes you to the **Users List** or the **Hosts List** table if you click on a user or host respectively. |
| Process Coverage by Workstyle | A chart showing the process activity by workstyle.<br><br>Clicking on the chart takes you to the Events (All) table with the **Filter by Event Category** detailed on page 11 and **Policy/Workstyle** detailed on page 15 filters applied. This uses the All Token event filter to group Process, DLL Control, Content, URL and Services. This includes all the events that are raised by a token. It excludes Agent Start, User Logon and PAM events. The reason for the exclusions is that the Process Coverage by Workstyle and By Policy charts only include token events in their counts, and therefore a special category is required here for the count in the drilldown to **Events** > **All** to match. |
| Process Coverage by Policy | A chart showing the process activity broken down by policy.<br><br>Clicking the chart takes you to the **Events (All)** table with the **Quick Filter Panel Details** detailed on page 9 and **Policy Name** detailed on page 15 filters applied. |
| Top 10 Elevating Workstyles | A chart showing the workstyles responsible for the most individual applications being elevated.<br><br>Clicking on the chart takes you to the Applications table with the **Action** detailed on page 13 and **Policy/Workstyle** detailed on page 15 filters applied. |

| Chart | Description |
|---|---|
| Top 10 Blocking Workstyles | A chart showing the workstyles responsible for the most individual applications being blocked.<br><br>Clicking on the chart takes you to the Applications table with the **Action** detailed on page 13 and **Policy/Workstyle** detailed on page 15 filters applied. |
| Top 10 Passive Workstyles | A chart showing the workstyles responsible for the most individual applications being passively audited.<br><br>Clicking on the chart takes you to the Applications table with the **Action** detailed on page 13 and **Policy/Workstyle** detailed on page 15 filters applied. |
| Top 10 Custom Token Workstyles | A chart showing the workstyles responsible for the most individual applications having a custom token applied.<br><br>Clicking on the chart takes you to the Applications table with the **Action** detailed on page 13 and **Policy/Workstyle** detailed on page 15 filters applied. |

**The following quick filters are available:**

- **Time Range** detailed on page 9
- **Filter by Action** detailed on page 10
- **Filter by Target Type** detailed on page 10

## 5.7.1 - Workstyles All

This table lists all workstyles by actions in the time period, grouped by the workstyle name.

**The following columns are available for the Workstyles All table:**

- **Workstyle Name** - The name of the Workstyle.
- **Elevated** - The count of the Elevated events.
- **Passive** - The count of the Passive events.
- **Blocked** - The count of the Blocked events.
- **Sandboxed** - The count of the Sandboxed events.
- **Canceled** - The count of the Canceled events.
- **Custom** - The count of the Custom events.
- **Drop Admin** - The count of the Drop Admin events.
- **Enforce Default** - The count of the events enforced by default.
- **Total** - The total number of events.
- **Policy Name** - the name of the policy that includes the workstyle.

**Some of these allow you to drill-down to additional information:**

- **Workstyle Name** - take you to a detailed view of that workstyle including the applications, processes, hosts and users it has managed. You can click **Edit** to go to the **Policy Editor** to edit the workstyle.
- Any of the numbers can be clicked to see the list of events in **Events** > **All**.

**The following quick filters are available:**

- **Time Range** detailed on page 9

# 5.8 - Users Dashboard

The Users report links to the **User Experience** report.

## 5.8.1 - User Experience

This report shows how users have interacted with Messages, Challenge/Response dialogs, and the Shell (On-Demand) menu.

| Chart | Description |
|---|---|
| User Experience over the time period | A chart showing the percentage of users that have experienced each interaction type broken down by the specified time period.<br><br>Clicking on the chart takes you to the Users table with the **User Experience** detailed on page 17 filter applied. |
| Message Distribution | A chart showing how many users fall into the defined categories of messages per time period.<br><br>Clicking on the chart takes you to the Users table with the **Band** detailed on page 13 filter applied. |
| Messages per action type | A table showing what message types were displayed for **Allowed** and **Blocked** actions.<br><br>Clicking on the Prompts, Notifications or None counts takes you to the Events (All) table with the **Action** detailed on page 13 and **Message Type** detailed on page 15 filters applied. |

**The following quick filters are available:**

- **Time Range** detailed on page 9

## 5.8.2 - Privileged Logons

The **Privileged Logon** report shows you how many accounts with 'Standard' rights, 'Power User' rights and 'Administrator' rights have generated logon events broken down over the specified time frame.

Please refer to the Defendpoint Administration Guide section 'Collect User Information' for guidance on enabling generation of user logon audits.

| Chart | Description |
|---|---|
| Privileged Logons over the last (time interval) | A chart and table showing the number of logons by the different account types over time.<br><br>Clicking the chart takes you to the **User Sessions** table with the **Show Administrator Logons**, **Show Power User Logons** and **Show Standard User Logons** filters applied. |

| Chart | Description |
|---|---|
| Logons by Account Privilege | A chart showing the total number of logons broken down by the different account types.<br><br>Clicking the chart takes you to the **User Sessions** table with the **Show Administrator Logons**, **Show Power User Logons** and **Show Standard User Logons** filters applied. |
| Logons by Account Type | A chart showing the total number of logons broken down by Domain Accounts and Local Accounts.<br><br>Clicking the chart takes you to the **User Sessions** table with the **Account Authority** filter applied. |
| Top 10 Logons by Chassis Type | A chart showing the total number of logons broken down by the top 10 Chassis types.<br><br>Clicking the chart takes you to the **User Sessions** table with the **Chassis Type** filter applied. |
| Top 10 Logons by host Operating System | A chart showing the total number of logons broken down the top 10 host operating systems.<br><br>Clicking the chart takes you to the **User Sessions** table with the **OS** filter applied. |
| Top 10 Accounts with Admin Rights | A chart showing the top 10 accounts with Admin rights that have logged into the most host machines.<br><br>Clicking the chart takes you to the **User Sessions** table with the **User Domain** and **User Name** filter applied. |
| Top 10 hosts with Admin Rights | A chart showing the top 10 host machines that have been logged on to by the most users with Admin Rights<br><br>Clicking the chart takes you to the **User Logons** table with the **Host Name**, **Show Administrator Logons** filter applied. |

**The following quick filters are available:**

- **Time Range** detailed on page 9

## 5.8.3 - Privileged Account Management

The **Privileged Account Management** report shows any blocked attempts to modify Privileged Accounts over the specified time interval.

Please refer to the Defendpoint Administration Guide section **Prohibit Privileged Account Management** for a list of Group Accounts that are considered privileged and for guidance on enabling generation of Privileged Account Management audits.

| Chart | Description |
|---|---|
| Privileged Account Management over the last (time interval) | A chart breaking down the PAM events by time period.<br><br>Clicking the chart drills through to the **Privileged Account Management** table with the **Range Start Time** and **Range End Time** filters applied. |
| Table showing users blocked, hosts blocked, applications blocked and total blocked modifications | A table showing the number of Users blocked, the number of Hosts blocked, the number of Applications blocked and the Total number of block events within the specified time frame.<br><br>Clicking the count numbers takes you to the **Privileged Account Management** table. |
| By Privileged Group | A chart showing the Privileged Account Modification activity that was blocked by Windows group name.<br><br>Clicking the chart takes you to the Privileged Account Protection table with the **Group Name** filter applied. |
| Top 10 applications attempting account modifications | A chart showing the Privileged Account Modification activity that was blocked broken down by the Application Description.<br><br>It drills through to the Privileged Account Management table with the **Application Description** filter applied. |
| Top 10 users attempting account modifications | A chart showing the top 10 users who attempted modifications.<br><br>It drills through to the Privileged Account Management table with the **User Name** filter applied. |
| Top 10 hosts attempting account modifications | A chart showing the top 10 Hosts attempting privileged account modifications.<br><br>It drills through to the Privileged Account Management table with the **Host Name** filter applied. |

**The following quick filters are available:**

- **Time Range** detailed on page 9

# 5.9 - Deployments Dashboard

The **Deployments** dashboard shows you which versions of Defendpoint are currently installed in your organization. It also breaks down the deployments by operating system, default language, chassis type and operating system type.

Please refer to the Defendpoint Administration Guide section **Collect Host Information** for guidance on enabling collection of host information audits.

| Chart | Description |
|---|---|
| By Defendpoint Client Version | A chart showing the versions of the Defendpoint agents that are deployed broken down by the number of deployments.<br><br>Clicking the chart takes you to the **Deployments (All)** table with the **Agent Version** detailed on page 13 filter applied. |

| Chart | Description |
|---|---|
| By Operating System | A chart showing the number of deployments broken down by the operating system.<br><br>Clicking the chart takes you to the **Deployments (All)** table with the **Operating System** detailed on page 15 filter applied. |
| By Default Language | A chart showing the number of deployments broken down by the default language.<br><br>Clicking the chart takes you to the **Deployments (All)** table with the **Default UI Language** detailed on page 14 filter applied. |
| By Chassis Type | A chart showing the number of deployments broken down by chassis type.<br><br>Clicking the chart takes you to the **Deployments (All)** table with the **Chassis Type** detailed on page 13 filter applied. |
| By Operating System Type | A chart showing the number of deployments broken down by the type of operating system.<br><br>Clicking the chart takes you to the **Deployments (All)** table with the **OS Product Type** detailed on page 15 filter applied. |

**The following quick filters are available:**

- **Time Range** detailed on page 9

## 5.10 - Requests Dashboard

This report shows information about user requests that have been raised over the specified time frame. A Blocked message with a reason entered or a canceled Challenge/Response message is considered a request.

| Chart | Description |
|---|---|
| All Requests over the last (time interval) | A column chart showing the number of the different request types broken down by the time period.<br><br>Clicking the chart takes you to the **All Requests** table with the |
| Requests by Workstyle | A chart showing the number of different request types broken down by the workstyle.<br><br>Clicking the chart takes you to the **All Requests** table with the **Workstyle (may include wildcard match)** detailed on page 17 and **Request Type** detailed on page 16 filters applied. |
| Requests by Target Type | A chart showing the number of the different request types broken down by the Target Type.<br><br>Clicking the chart takes you to the **All Requests** table with the **Request Type** detailed on page 16 and **Target Type** detailed on page 17 filters applied. |

| Chart | Description |
|---|---|
| Top 10 Targets Requested | A chart showing the number of the different request types broken down by the Target Name.<br><br>Clicking the chart takes you to the **All Requests** table with the**Application Desc** detailed on page 13 and **Request Type** detailed on page 16 filters applied. |

### 5.10.1 - Requests All

This report lists all the requests over the specified time period.

You can click **Add to Policy** at the bottom of the Requests (All) report to add that application to a policy with an application group.

**The following columns are available for the Windows Requests All table:**

- **Start Time** – The start time of the event.
- **Event Description** – The description of the application.
- **Workstyle** – The name of the workstyle that triggered the event.
- **User Name** – The user name of the user who triggered the event.
- **Host Name** – The host name where the event was triggered.
- **User Reason** – The reason the user gave for the request.
- **Request Type** – The type of request.
- **Reputation** - The reputation of the application.

**Some of these allow you to drill-down to additional information:**

- **Start Time** - takes you to the **Event Details** table.

**The following quick filters are available:**

- **Time Range** detailed on page 9

## 5.11 - Events Dashboard

This report shows information about the different types of events that have been raised over the specified time period. It also shows the time elapsed since a host raised an event.

| Chart | Description |
|---|---|
| Events over the last (time interval) | A column chart showing the number of the different Event Types broken down by the time period.<br><br>Clicking on the chart takes you to the **Events (All)** table with the **Quick Filter Panel Details** detailed on page 9 filter applied. |
| Top 10 Event Types | A chart showing how many events have been received broken down by the Event Type.<br><br>Clicking on the chart takes you to the **Events (All)** table with the **Event Number** detailed on page 14 filter applied. |

| Chart | Description |
|---|---|
| By Category | A chart breaking down the events received broken down by Category.<br><br>Clicking on the chart takes you to the **Events (All)** table with the **Quick Filter Panel Details** detailed on page 9 filter applied. |
| Time since last endpoint event | A chart showing the number of endpoints in each time since last event category.<br><br>Clicking on the chart takes you to a list of hosts for that category with the **Band** detailed on page 13 filter applied. |

**The following quick filters are available:**

- **Time Range** detailed on page 9

## 5.11.1 - Events All

**The following columns are available for the Windows Events All table:**

- **Event Time** – The time of the event.
- **Event Description** – The description of the event.
- **User** – The user name of the user who triggered the event.
- **Host** – The host name where the event was triggered.
- **Workstyle** – The workstyle containing the rule that triggered the event.
- **Event Category** – The category of the event.
- **Event Type** – The type of event.
- **Reputation** – The reputation of the application.
- **Publisher** – The publisher of the application.
- **Event Number** – The event number.
- **Elevate Method** – The method of elevation.
- **External Source** – The external source of the application.
- **App Description** –The description of the application.

**Some of these columns allow you to drill-down to additional information:**

- **Event Time** - takes you to the **Event Details** report.
- **User** - takes you to the **User Details** report.

**The following quick filters are available:**

- **Time Range** detailed on page 9
- **Filter by Event Category** detailed on page 11

### Process Detail

The **Process Detail** report provides a higher level of detail for Process events than the **Events** > **All** table. Other event categories are not shown in this table. You can access the **Process Detail** report by clicking on **Process Detail** from the Quick Filter panel in the **Events** > **All** report.

**The following columns are available for the Windows Process Details table:**

- **Process Start Time** – The start time of the event.
- **Description** – The description of the application.
- **Publisher** – The publisher of the application.
- **Application Type** – The type of application.
- **File Name** – The name of the file.
- **Command Line** – The command line of the process that triggered the event.
- **Product Name** – The product name of the application.
- **Product Version** – The product version of the application.
- **Trusted Application** – The name of the trusted application.
- **Trusted App Version** – The version of the trusted application.
- **Policy Name** – The name of the Defendpoint policy.
- **Workstyle Name** – The name of the workstyle that the event was triggered from.
- **Message Name** – The message name if the event triggered a message.
- **Action** – The action associated with the event.
- **App Group Name** – The application group the application assignment rule belongs to.
- **PID** – The process identifier of the process.
- **Parent PID** – The parent process identifier.
- **Parent Process File Name** – The parent process file name.
- **Is Shell / Auto** – Whether the process was triggered on-demand or automatically.
- **UAC Triggered** – Whether user account control was triggered.
- **Admin Required** – Whether or not admin rights were required.
- **User Name** – The name of the user who triggered the event.
- **Host Name** – The name of the host where the event was triggered.
- **User Reason** – The reason given by the user if applicable.
- **COM Display Name** – The COM name if applicable.
- **Source URL** – The URL of the event if applicable.
    - This will only appear for the Windows platform.
- **Avecto Zone Identifier** – The Avecto Zone identifier if present.

**The following columns are available in ePO but not displayed by default:**

- Application Hash
- Application Policy Description
- Authorizing User Name
- Browse Dest URL
- Browse Source URL
- Client IPV4
- Client Name
- COM App ID
- COM CLSID
- Device Type
- File Owner
- File Version

- Parent Process Unique ID
- Powershell Command
- Process GUID
- Process Stop Time
- Product Code
- Reason
- Sandbox Name
- Target
- Token GUID
- Token Type
- Upgrade Code

## 5.12 - Options

You can clear the database caches using this option. Clearing the cache is useful if data is available but it's not visible in Avecto Reporting.

You can also use the check boxes on this page to stop ePO from caching data if required.

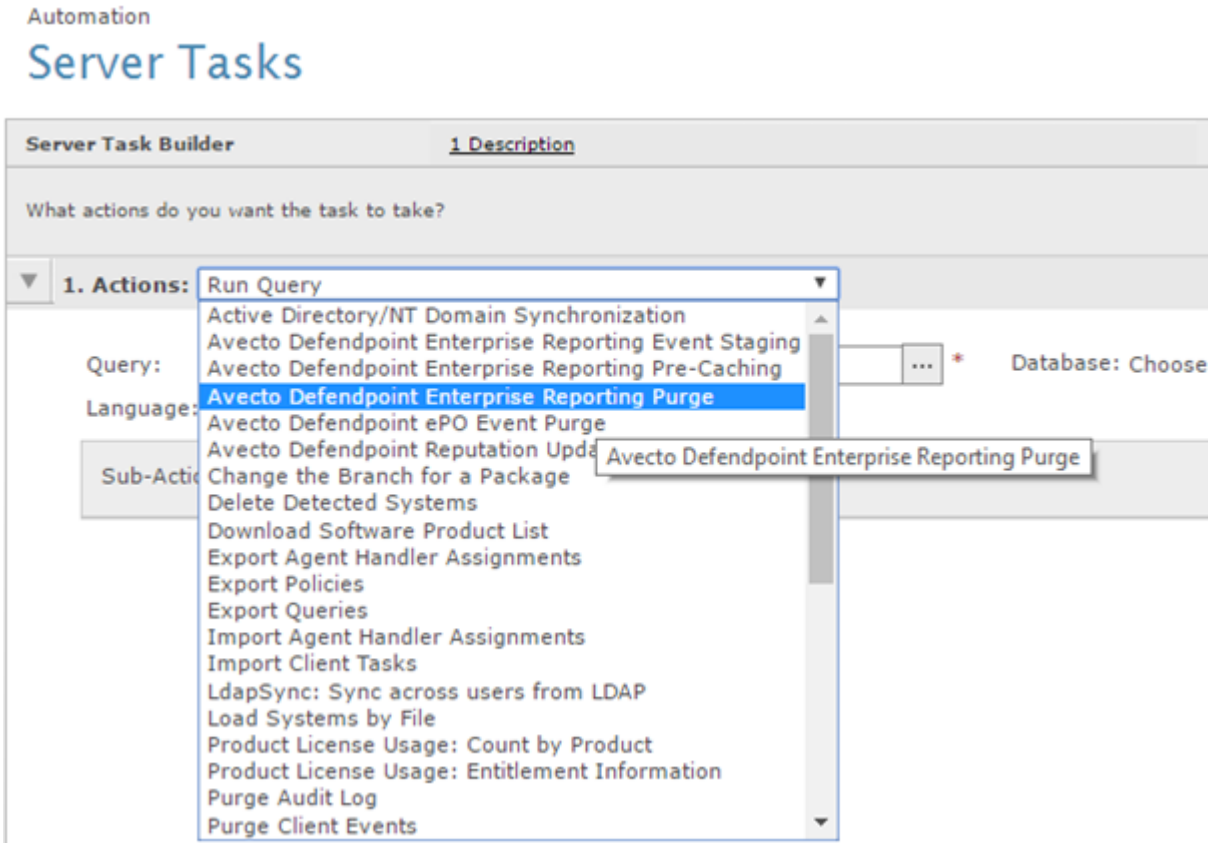
**There are two links on the Options page:**

- **Database Monitoring Graph** is a graphical representation of the speed that individual reports are being generated by the system.
- **Database Monitoring Table** shows you the performance of database transactions.

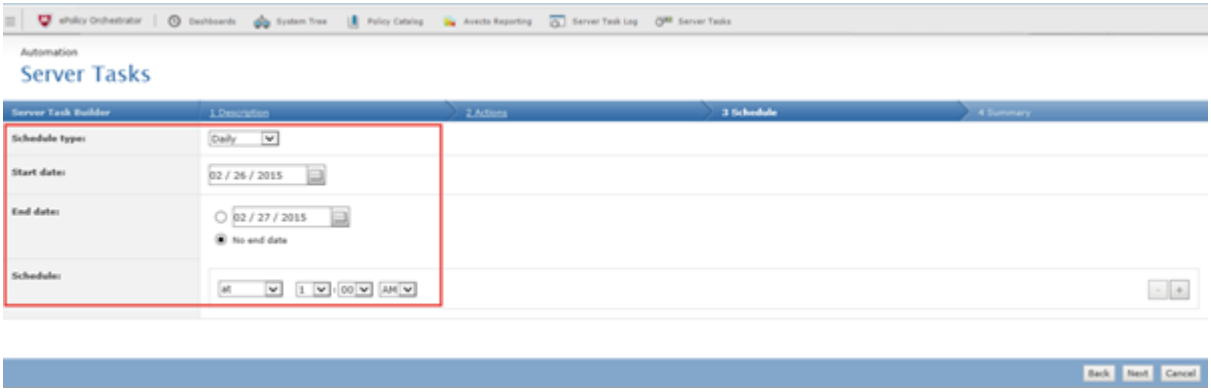
# Chapter 6 - Avecto Reporting Purge

You can purge reporting events that are older than a defined period to manage the size of your database.

1. Select **Menu** > **Server Tasks** and select **New Task**.
2. On the **Description** page enter an appropriate name e.g. **Avecto ER Purge** and click **Next**.
3. On the **Actions** page, from the Actions drop-down menu, scroll up and select **Avecto Defendpoint Avecto Reporting Purge**.




1. Choose the number of months that you will purge events older than.
2. On the Schedule page adjust the options to suit your requirements and click **Next**.




3. Select **Save** from the **Summary** page.

# Appendix A - Exported Views

Indexes are indicated by numbers. If the number applies to more than one column, it is a composite index. If an index has a "*" then this is an index based on an ID which is used to retrieve the indicated columns. This means the index may be usable depending on how the query is formed. Descriptions in italics refer to one of the data types below.

## A.1 - Custom Data Types

| Data Type | Description |
|---|---|
| Ascending identity | Number that increases with every event. Designed to allow external applications to pick up where they last got up to when importing events from ER. |
| Locale Identifier | ID of language etc. See Microsoft's list of locale ID: https://msdn.microsoft.com/en-us/library/ms912047(v=winembedded.10).aspx |
| Platform Type | "Windows" or "osx" |

## A.2 - Application Types

| Application Type | Description |
|---|---|
| appx | Windows Store package |
| bat | Batch file |
| com | COM class |
| cpl | Control Panel |
| exe | Executable |
| msc | MMC Snap-in |

| Application Type | Description |
|---|---|
| msi | Installer package |
| ocx | ActiveX control |
| ps1 | PowerShell script |
| reg | Registry settings file |
| rpsc | Remote PowerShell Command |
| rpss | Remote PowerShell Script |
| svc | Service |
| wsh | Windows script (examples vbs, js) |
| cont | Content file |
| url | URL |

## A.3 - Chassis Types

| Chassis Type | Description |
|---|---|
| NULL | Not set |
| <None> | Does not have a chassis type |
| Desktop | Desktop |
| Docking Station | Docking station |
| Laptop | Laptop |
| Notebook | Notebook |
| Other | Other (unknown) type |

| Chassis Type | Description |
|---|---|
| Portable | Portable system |
| Rack Mount Chassis | Rack system |

## A.4 - OS Version

Taken from https://msdn.microsoft.com/en-gb/library/windows/desktop/ms724832(v=vs.85).aspx

| Version Number | Operating System |
|---|---|
| 10.0 | Windows 10 or Windows Server 2016 |
| 6.3 | Windows 8.1 or Windows Server 2012 R2 |
| 6.2 | Windows 8.1 or Windows Server 2012 R2 |
| 6.1 | Windows 7 or Windows Server 2008R2 |
| 6.0 | Windows Vista or Windows Server 2008 |
| 5.2 | Windows XP 64-bit or Windows Server 2003 or Windows Server 2003R2 |
| 5.1 | Windows XP |
| 5.0 | Windows 2000 |

## A.5 - OS Product Type

| OS Product Type | Operating System |
|---|---|
| 1 | Workstation |
| 2 | Domain Controller |
| 3 | Server |

| OS Product Type | Operating System |
|---|---|
| [any other value] | Unknown |

## A.6 - Message Types

| Message Type | Description |
|---|---|
| <None> | No message |
| Prompt | Prompt message |
| Notification | Notification (balloon) message |
| Unknown | Unknown message type |

## A.7 - Certificate Modes

The Defendpoint ePO extension does not support the distribution of signed Defendpoint configuration. The Defendpoint ePO extension must be installed in certificate mode 0, if used.

| Mode | Name | Description |
|---|---|---|
| 0 | Standard Mode | The loading of unsigned settings will be audited as information events (event 200). Signed settings will be audited as information events (event 200) if they are correctly signed and as warning events (event 201) if they are incorrectly signed.<br><br>The Defendpoint Client is installed in Standard Mode by default. |
| 1 | Certificate Warning Mode | The loading of unsigned settings will be audited as warning events (event 201). Signed settings will be audited as information events (event 200) if they are correctly signed and as warning events (event 201) if they are incorrectly signed. |

| Mode | Name | Description |
|---|---|---|
| 2 | Certificate Enforcement Mode | Unsigned or incorrectly signed settings will not be loaded and audited as error events (event 202). Signed settings will be audited as information events (event 200) if they are correctly signed. |

## A.8 - Policy Audit Modes

| Mode | Name | Description |
|---|---|---|
| 0 | No auditing | |
| 1 | Audit Errors Only | 202 events |
| 2 | Audit Warnings and Errors | 201/202 events. Default for agent and console installations. |
| 3 | Audit Information, Warnings and Errors | 200/201/202 events. Default for agent only installations. |

## A.9 - Device Types (Drive Type)

| DeviceType (Drive Type) | Description |
|---|---|
| CDROM Drive | CD/DVD drive |
| eSATA Drive | External drive |
| Downloaded | Downloaded from internet |
| Network Drive | Network drive |
| Removable Media | Removable Media |
| Unknown Drive | Unknown |
| USB Drive | USB drive |

## A.10 - ExportDefendpointStarts

| Column_name | Type | Length | Index | Description | Example |
|---|---|---|---|---|---|
| SessionID | bigint | | 3 | Ascending Identity | 1 |
| SessionGUID | uniqueidentifier | | | UUID of the session | 5CD221E9-CEB5-441D-B380-CB266400B320 |
| SessionStartTime | datetime | | | Time session started | 2017-01-03 10:24:00.000 |
| SessionEndTime | datetime | | | Always NULL (not used) | NULL |
| HostSID | nvarchar | 200 | 1 | Host SID | S-1-21-123456789-123456789-1635717638-390614945 |
| AgentVersion | nvarchar | 20 | | Defendpoint Client Version | 4.0.384.0 |
| ePOMode | int | | | 1 if DP client is in ePO mode. 0 otherwise. | 1 |
| CertificateMode | int | | | Certificate Mode | 0 |
| PolicyAuditMode | int | | | Policy Audit Mode | 7 |
| DefaultUILanguage | int | | | Locale Identifier of UI Language | 2057 |
| DefaultLocale | int | | | Locale Identifier of Locale | 2057 |
| SystemDefaultTimezone | int | | | Not set so always “0” | 0 |
| ChassisType | nvarchar | 40 | | Chassis Type | Other |
| HostName | nvarchar | 1024 | 2* | Host name | EGHostWin1 |
| HostNameNETBIOS | nvarchar | 15 | 2* | Host NETBIOS | EGHOSTWIN1 |
| OS | nvarchar | 20 | | OS Version | 6.3 |
| OSProductType | int | 4 | | OS Product Type. | 1 |
| PlatformType | nvarchar | 10 | | Platform Type | Windows |
| HostDomainSID | nvarchar | 200 | | Host Domain SID | S-1-21-123456789-123456789-1635717638 |

| Column_name | Type | Length | Index | Description | Example |
|---|---|---|---|---|---|
| HostDomainName | nvarchar | 1024 | | Host Domain | EGDomain |
| HostDomainNameNETBIOS | nvarchar | 15 | | Host Domain NETBIOS | EGDOMAIN |

## A.11 - ExportLogons

| Column_name | Type | Length | Index | Description | Example |
|---|---|---|---|---|---|
| LogonID | bigint | | 3 | Ascending Identity | 1 |
| LogonGUID | uniqueidentifier | | | UUID of the logon | 819EF606-F9B6-40BE-9C0C-A033A34EC4F8 |
| HostSID | nvarchar | 200 | 1 | Host SID | S-1-21-123456789-123456789-1635717638-390614945 |
| UserSID | nvarchar | 200 | | User SID | S-1-21-123456789-123456789-1635717638-1072059836 |
| LogonTime | datetime | | | Logon Date/Time | 2017-01-03 10:24:00.000 |
| IsAdmin | bit | | | 1 if an admin, 0 otherwise | 0 |
| IsPowerUser | bit | | | 1 if a power user, 0 otherwise | 0 |
| UILanguage | int | | | Locale Identifier of the UI Language | 1033 |
| Locale | int | | | Locale Identifier of the Locale | 2057 |
| UserName | nvarchar | 1024 | | User name | EGUser1 |
| UserDomainSID | nvarchar | 200 | | User Domain SID | S-1-21-123456789-123456789-1635717638 |
| UserDomainName | nvarchar | 1024 | | User Domain | EGDomain |
| UserNameNETBIOS | nvarchar | 15 | | User NETBIOS | EGDOMAIN |
| ChassisType | nvarchar | 40 | | Chassis Type | Docking Station |

| Column_name | Type | Length | Index | Description | Example |
|---|---|---|---|---|---|
| HostName | nvarchar | 1024 | 2* | Host name | EGHostWin1 |
| HostNameNETBIOS | nvarchar | 15 | 2* | Host NETBIOS | EGHOSTWIN1 |
| OS | nvarchar | 20 | | OS Version | 6.3 |
| OSProductType | int | | | OS Product Type | 1 |
| PlatformType | nvarchar | 10 | | Platform Type | Windows |
| HostDomainSID | nvarchar | 200 | | Host Domain SID | S-1-21-123456789-123456789-1635717638 |
| HostDomainName | nvarchar | 1024 | | Host Domain | EGDomain |
| HostDomainNameNETBIOS | nvarchar | 15 | | Host Domain NETBIOS | EGDOMAIN |
| PolicyName | nvarchar | 1024 | | Policy Name | EventGen Test Policy |
| WorkstyleName | nvarchar | 1024 | | Workstyle name | EventGen Test Workstyle |

## A.12 - ExportPrivilegedAccountProtection

| Column_name | Type | Length | Index | Description | Example |
|---|---|---|---|---|---|
| ID | bigint | | 1 | Ascending Identity | 1 |
| TimeGenerated | datetime | | | Event Generation Date/Time | |
| CommandLine | nvarchar | 1024 | | Command Line | <None> |
| PrivilegedGroupName | nvarchar | 200 | | Privileged Group Name | Administrators |
| PrivilegedGroupRID | nvarchar | 10 | | Privileged Group Relative Identifier | 544 |
| Access | nvarchar | 200 | | Group Access Details | Add Member, Remove Member, List Members, Read Information |
| PolicyGUID | uniqueidentifier | | | Policy UUID | E7654321-AAAA-5AD2-B954-12342918D604 |

| Column_name | Type | Length | Index | Description | Example |
|---|---|---|---|---|---|
| PolicyName | nvarchar | 1024 | | Policy Name | EventGen Test Policy |
| WorkstyleName | nvarchar | 1024 | | Workstyle name | EventGen Test Workstyle |
| FileName | nvarchar | 255 | | File name | <None> |
| ApplicationHash | nvarchar | 40 | | Application SHA1 | 921CA2B3293F3FCB905B24A9536D8525461DE2A3 |
| ProductCode | nvarchar | 1024 | | Product Code | <None> |
| UpgradeCode | nvarchar | 1024 | | Upgrade Code | <None> |
| FileVersion | nvarchar | 1024 | | File Version | <None> |
| MD5 | nvarchar | 32 | | MD5 Hash | 3279476E39DE235B426D69CFE8DEBF55 |
| UserSID | nvarchar | 200 | | User SID | S-1-21-123456789-123456789-1635717638-1072059836 |
| UserName | nvarchar | 1024 | | User Name | EGUser1 |
| UserDomainSID | nvarchar | 200 | | User Domain SID | S-1-21-123456789-123456789-1635717638 |
| UserDomainName | nvarchar | 1024 | | User Domain | EGDomain |
| UserNameNETBIOS | nvarchar | 15 | | User Domain NETBIOS | EGDOMAIN |
| ChassisType | nvarchar | 40 | | Chassis Type | Other |
| HostSID | nvarchar | 200 | | Host SID | S-1-21-123456789-123456789-1635717638-390614945 |
| HostName | nvarchar | 1024 | | Host Name | EGHostWin1 |
| HostNameNETBIOS | nvarchar | 15 | | Host NETBIOS | EGHOSTWIN1 |
| OS | nvarchar | 20 | | OS Version | 6.3 |
| OSProductType | int | | | OS Product Type | 1 |

| Column_name | Type | Length | Index | Description | Example |
|---|---|---|---|---|---|
| HostDomainSID | nvarchar | 200 | | Host Domain SID | S-1-21-123456789-123456789-1635717638 |
| HostDomainName | nvarchar | 1024 | | Host Domain | EGDomain |
| HostDomainNameNETBIOS | nvarchar | 15 | | Host domain NETBIOS | EGDOMAIN |
| FileOwnerUserSID | nvarchar | 200 | | File Owner SID | S-1-5-80-956008885-3418522649-1831038044-1853292631-2271478464 |
| FileOwnerUserName | nvarchar | 1024 | | File Owner | NT SERVICE\TrustedInstaller |
| FileOwnerDomainName | nvarchar | 1024 | | File Owner Domain | NT SERVICE |
| ApplicationURI | nvarchar | 1024 | | URI of a macOS application | com.apple.preference.datetime |
| ApplicationDescription | nvarchar | 2048 | | Application description | lusrmgr.msc |
| FirstDiscovered | datetime | | | First time app was seen | 2017-01-03 10:25:50.110 |
| FirstExecuted | datetime | | | First time app was executed | 2017-01-03 10:24:00.000 |
| PlatformType | nvarchar | 10 | | Platform Type | Windows |
| ProductName | nvarchar | 1024 | | Product name | <None> |
| ProductVersion | nvarchar | 1024 | | Product version | <None> |
| Publisher | nvarchar | 1024 | | Publisher | Microsoft Windows |
| TrustedOwner | bit | | | 1 if a trusted owner, 0 otherwise | 1 |

## A.13 - ExportProcesses

| Column_name | Type | Length | Index | Description | Example |
|---|---|---|---|---|---|
| ProcessID | bigint | | 4 | Ascending Identity | 1 |
| ProcessGUID | uniqueidentifier | | 2 | UUID of the process | 98C99D96-6DFA-4C95-9A87-C8665C166286 |

| Column_name | Type | Length | Index | Description | Example |
|---|---|---|---|---|---|
| EventNumber | int | | | Event Number. See List of Events section. | 153 |
| TimeGenerated | datetime | | | Event generation date/time | 2017-02-20 13:11:11.217 |
| TimeReceived | datetime | | | Event received at ER date/time | 2017-02-20 13:16:28.047 |
| PID | int | | | Process ID | 8723 |
| ParentPID | int | | | Parent Process ID | 142916 |
| CommandLine | nvarchar | | 1024 | Command Line | "C:\cygwin64\bin\sh.exe" |
| FileName | nvarchar | | 255 | File Name | c:\cygwin64\bin\sh.exe |
| ProcessStartTime | datetime | | 1 | Date/Time Process Started | 2017-02-20 13:11:11.217 |
| Reason | nvarchar | | 1024 | Reason entered by user | <None> |
| ClientIPV4 | nvarchar | | 15 | Client IP Address | 10.0.9.58 |
| ClientName | nvarchar | | 1024 | Client Name | L-CNU410DJJ7 |
| UACTriggered | bit | | | 1 if UAC shown | 0 |
| ParentProcessUniqueID | uniqueidentifier | | | Parent process UUID | C404C7F5-3A93-4C0E-81BC-9902D220C21E |
| COMCLSID | uniqueidentifier | | | COM CLSID | NULL |
| COMAppID | uniqueidentifier | | | COM Application ID | NULL |
| COMDisplayName | nvarchar | 1024 | | COM Display Name | <None> |
| ApplicationType | nvarchar | 4 | | Application Type | svc |
| TokenGUID | uniqueidentifier | | | UUID of token in policy | F30A3824-27AF-4D69-9125-C78E44764AC1 |
| Executed | bit | | | 1 if executed, 0 otherwise | 1 |
| Elevated | bit | | | 1 if elevated, 0 otherwise | 1 |
| Blocked | bit | | | 1 if blocked, 0 otherwise | 0 |

| Column_name | Type | Length | Index | Description | Example |
|---|---|---|---|---|---|
| Passive | bit | | | 1 if passive, 0 otherwise | 0 |
| Cancelled | bit | | | 1 if cancelled, 0 otherwise | 0 |
| DropAdmin | bit | | | 1 if admin rights dropped, 0 otherwise | 0 |
| EnforceUsersDefault | bit | | | 1 if user default permissions were enforced, 0 otherwise | 0 |
| Custom | bit | | | 1 if custom token, 0 otherwise | 0 |
| SourceURL | nvarchar | 2048 | | Source URL | <None> |
| AuthorizationChallenge | nvarchar | 9 | | Challenge Response authorization code | <None> |
| WindowsStoreAppName | nvarchar | 200 | | Windows Store application name (appx app type only) | <None> |
| WindowsStoreAppPublisher | nvarchar | 200 | | Windows Store application publisher (appx app type only) | <None> |
| WindowsStoreAppVersion | nvarchar | 200 | | Window Store application version (appx app type only) | <None> |
| DeviceType | nvarchar | 40 | | Device Type | Fixed Disk |
| ServiceName | nvarchar | 1024 | | Service name (svc events only) | <None> |
| ServiceDisplayName | nvarchar | 1024 | | Service Display Name (svc app type only) | <None> |
| PowerShellCommand | nvarchar | 1024 | | PowerShell Command (ps1/rpsc/rpss app types only) | <None> |
| ApplicationPolicyDescription | nvarchar | 1024 | | Policy Description | <None> |
| SandboxGUID | uniqueidentifier | | | Sandbox UUID (sandbox events only) | NULL |
| SandboxName | nvarchar | 1024 | | Sandbox Name (sandbox events only) | NULL |

| Column_name | Type | Length | Index | Description | Example |
|---|---|---|---|---|---|
| BrowseSourceURL | nvarchar | 2048 | | Sandbox browse source (sandbox events only) | <None> |
| BrowseDestinationURL | nvarchar | 2048 | | Sandbox destination source (sandbox events only) | <None> |
| Classification | nvarchar | 200 | | Sandbox classification (sandbox events only) | Private (Local) |
| IEZoneTag | nvarchar | 200 | | IE Zone Tag | <None> |
| OriginSandbox | nvarchar | 40 | | Origin Sandbox | <None> |
| OriginIEZone | nvarchar | 40 | | Origin IE Zone | <None> |
| TargetSandbox | nvarchar | 40 | | Target Sandbox | <None> |
| TargetIEZone | nvarchar | 40 | | Target IE Zone | <None> |
| AuthRequestURI | nvarchar | 1024 | | Authorization request URL (osx challenge/response only) | <None> |
| PlatformVersion | nvarchar | 10 | | Platform Version | <None> |
| ControlAuthorization | bit | | | 1 is Defendpoint authorized this macOS application | 0 |
| ApplicationHash | nvarchar | 40 | | SHA1 of the application | C22FF10511ECCEA1824A8DE64B678619C21B4BEE |
| ProductCode | nvarchar | 1024 | | Product Code | <None> |
| UpgradeCode | nvarchar | 1024 | | Upgrade Code | <None> |
| FileVersion | nvarchar | 1024 | | File Version | <None> |
| MD5 | nvarchar | 32 | | MD5 hash of the app | 6E641CAE42A2A7C89442AF99613FE6D6 |
| TokenAssignmentGUID | uniqueidentifier | | | UUID of the token assignment in the policy | E7654321-BBBB-5AD2-B954-1234DDC7A89D |

| Column_name | Type | Length | Index | Description | Example |
|---|---|---|---|---|---|
| TokenAssignmentIsShell | bit | | | Token assignment is for shell | 1 |
| UserSID | nvarchar | 200 | | User SID | S-1-21-123456789-123456789-16357176381125883508 |
| UserName | nvarchar | 1024 | | User Name | EGUser18 |
| UserDomainSID | nvarchar | 200 | | User Domain SID | S-1-21-123456789-123456789-1635717638 |
| UserDomainName | nvarchar | 1024 | | User Domain | EGDomain |
| UserDomain NameNETBIOS | nvarchar | 15 | | User Domain NETBIOS | EGDOMAIN |
| ChassisType | nvarchar | 40 | | Chassis Type | Laptop |
| HostSID | nvarchar | 200 | | Host SID | S-1-21-123456789-123456789-1635717638775838649 |
| HostName | nvarchar | 1024 | 3* | Host Name | EGHostWin18 |
| HostNameNETBIOS | nvarchar | 15 | 3* | Host NETBIOS | EGHOSTWIN18 |
| OS | nvarchar | | | OS Version | 10.0 |
| OSProductType | int | | | OS Product Type | |
| HostDomainSID | nvarchar | 200 | | Host Domain SID | S-1-21-123456789-123456789-1635717638 |
| HostDomainName | nvarchar | 1024 | | Host Domain | EGDomain |
| HostDomain NameNETBIOS | nvarchar | 15 | | Host Domain NETBIOS | EGDOMAIN |
| AuthUserSID | nvarchar | 200 | | Authorizing User SID | <None> |
| AuthUserName | nvarchar | 1024 | | Authorizing User | <None> |
| AuthUserDomainSID | nvarchar | 200 | | Authorizing User Domain SID | <None> |
| AuthUserDomainName | nvarchar | 1024 | | Authorizing User Domain | <None> |
| AuthUserDomain NameNETBIOS | nvarchar | 15 | | Authorizing User Domain NETBIOS | <None> |

| Column_name | Type | Length | Index | Description | Example |
|---|---|---|---|---|---|
| FileOwnerUserSID | nvarchar | 200 | | File Owner SID | S-1-5-80-956008885-3418522649-1831038044-1853292631-2271478464 |
| FileOwnerUserName | nvarchar | 1024 | | File Owner | NT SERVICE\TrustedInstaller |
| FileOwnerDomainSID | nvarchar | 200 | | File Owner Domain SID | S-1-5-80 |
| FileOwnerDomainName | nvarchar | 1024 | | File Owner Domain | NT SERVICE |
| FileOwnerDomain NameNETBIOS | nvarchar | 15 | | File Owner Domain NETBIOS | <None> |
| ApplicationURI | nvarchar | 1024 | | URI of the macOS Application | com.apple.preference.datetime |
| ApplicationDescription | nvarchar | 2048 | | Application Description | c:\cygwin64\bin\sh.exe |
| FirstDiscovered | datetime | | | Time application first seen | 2017-02-07 09:14:39.413 |
| FirstExecuted | datetime | | | Time application first executed | 2017-02-07 09:07:00.000 |
| PlatformType | nvarchar | 10 | | Platform Type | Windows |
| ProductName | nvarchar | 1024 | | Product Name | ADelRCP Dynamic Link Library |
| ProductVersion | nvarchar | 1024 | | Product Version | 15.10.20056.167417 |
| Publisher | nvarchar | 1024 | | Publisher | Adobe Systems, Incorporated |
| TrustedOwner | bit | | | 1 if a trusted owner, 0 otherwise | 0 |
| MessageGUID | uniqueidentifier | | | UUID of the message in the policy | 00000000-0000-0000-0000-000000000000 |
| MessageName | nvarchar | 1024 | | Name of the message in the policy | Block Message |
| MessageType | nvarchar | 40 | | Message Type | Prompt |
| AppGroupGUID | uniqueidentifier | | | UUID of the Application Group in the Policy | 47E4A204-FC06-428B-8E73-1E36E3A65430 |
| AppGroupName | nvarchar | 1024 | | Application Group Name in the Policy | Test Policy.test |
| PolicyID | bigint | | | Internal ID of the Policy | 2 |

| Column_name | Type | Length | Index | Description | Example |
|---|---|---|---|---|---|
| PolicyGUID | uniqueidentifier | | | UUID of the Policy | E7654321-AAAA-5AD2-B954-12342918D604 |
| PolicyName | nvarchar | 1024 | | Policy Name | EventGen Test Policy |
| WorkstyleName | nvarchar | 1024 | | Workstyle Name | EventGen Test Workstyle |
| ContentFileName | nvarchar | 255 | | Content File Name | c:\users\user.wp-epo-win7-64\downloads\con29 selectable feestable (1).pdf |
| ContentFileDescription | nvarchar | 1024 | | Content File Description | <None> |
| ContentFileVersion | nvarchar | 1024 | | Content File Version | <None> |
| ContentOwnerSID | nvarchar | 200 | | Content Owner SID | S-1-21-123456789-123456789-1635717638-1072059836 |
| ContentOwnerName | nvarchar | 1024 | | Content Owner | EGUser1 |
| ContentOwnerDomainSID | nvarchar | 200 | | Content Owner Domain SID | S-1-5-21-2217285736-120021366-3854014904 |
| ContentOwnerDomainName | nvarchar | 1024 | | Content Owner Domain | AVECTOTEST58\AVECTOTEST58.QA |
| ContentOwnerDomain NameNetBIOS | nvarchar | 15 | | Content Owner Domain NETBIOS | AVECTOTEST58 |
| TrustedApplicationName | nvarchar | 1024 | | Name of the trusted application | Microsoft Word |
| TrustedApplicationVersion | nvarchar | 1024 | | Version of the trusted application | 11.1715.14393.0 |
| ParentProcessFileName | nvarchar | 1024 | | Parent process file name | Google Chrome |