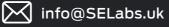
B SE Labs Intelligence-led testing

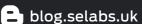
ENTERPRISE ENDPOINT PROTECTION

JUL - SEP 2018











SE Labs tested a variety of anti-malware (aka 'anti-virus'; aka 'endpoint security') products from a range of well-known vendors in an effort to judge which were the most effective.

Each product was exposed to the same threats, which were a mixture of targeted attacks using well-established techniques and public email and web-based threats that were found to be live on the internet at the time of the test.

The results indicate how effectively the products were at detecting and/or protecting against those threats in real time.

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SE Labs is BS EN ISO 9001 : 2015 certified for The Provision of IT Security Product Testing.

SE Labs is a member of the Microsoft Virus Information Alliance (VIA); the Anti-Malware Testing Standards Organization (AMTSO); and the Messaging, Malware and Mobile Anti-Abuse Working Group (M3AAWG).

AMTSO Standard public pilot reference: https://www.amtso.org/compliance-summary-ls1tp002-sel-q3-2018/

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Document version 1.0 Written 23rd October 2018

Document version 1.1 Updated 25th April 2019 to reflect correct names for Microsoft and McAfee products.



INTRODUCTION

Scoring targeted attacks

When is a security breach serious, less serious or not a breach at all?

Our endpoint protection tests have always included targeted attacks. These allow us to gauge how effectively anti-malware products, in use by millions of customers, can stop hackers from breaching your systems.

We penalise products heavily for allowing partial or full breaches and, until now, that penalisation has been the same regardless of how deeply we've been able to penetrate into the system. Starting with this report we have updated our scoring to take varying levels of 'success' by us, the attackers, into account.

The new scores only apply to targeted attacks and the scoring system is listed in detail on page eight.

If the attackers are able to gain basic access to a target, which means they are able to run basic commands that, for example, allow them to explore the file system, then the score is -1. The next stage is to attempt to steal a file. If successful there is a further -1 penalty.

At this stage the attackers want to take much greater control of the system. This involves increasing their account privileges - socalled privilege escalation. Success here turns a bad situation worse for the target and, if achieved, there is an additional -2 penalty. Finally, if escalation is achieved, certain post-escalation steps are attempted, such as running a key logger or stealing passwords. A final -1 penalty is imposed if these stages are completed, making possible scores for a breach range between -1 and -5 depending on how many attack stages are possible to complete.

We have decided not to publish exact details of where in the attack chain each product stands or falls, but have provided that detailed information to the companies who produce the software tested in this report and who have asked for it.

If you spot a detail in this report that you don't understand, or would like to discuss, please contact us via our Twitter or Facebook accounts.

SE Labs uses current threat intelligence to make our tests as realistic as possible. To learn more about how we test, how we define 'threat intelligence' and how we use it to improve our tests please visit our website and follow us on Twitter.

Executive Summary

Product Names

It is good practice to stay up to date with the latest version of your chosen endpoint security product. We made best efforts to ensure that each product tested was the very latest version running with the most recent updates to give the best possible outcome.

For specific build numbers, see *Appendix C: Product Versions* on page 17.

EXECUTIVE SUMMARY				
Products Tested	Protection Accuracy Rating (%)	Legitimate Accuracy Rating (%)	Total Accuracy Rating (%)	
Kaspersky Endpoint Security	100%	100%	100%	
ESET Endpoint Security	98%	100%	99%	
Symantec Endpoint Security Enterprise Edition	98%	100%	99%	
Microsoft Windows Defender ATP's Antivirus	97%	100%	99%	
Sophos Intercept X Advanced	97%	100%	99%	
Trend Micro OfficeScan, Intrusion Defense Firewall	96%	99%	98%	
Bitdefender Gravity Zone Endpoint Security	88%	100%	96%	
McAfee Endpoint Security	83%	100%	95%	
Crowdstrike Falcon	73%	100%	91%	
MalwareBytes Endpoint Security	4%	100%	69%	

Products highlighted in green were the most accurate, scoring 85 per cent or more for Total Accuracy. Those in yellow scored less than 85 but 75 or more. Products shown in red scored less than 75 per cent.

For exact percentages, see 1. Total Accuracy Ratings on page 6.

The endpoints were generally effective at handling general threats from cyber criminals...

Most products were largely capable of handling public web-based threats such as those used by criminals to attack Windows PCs, tricking users into running malicious files or running scripts that download and run malicious files. **Malwarebytes** was notably weaker than the competition.

I and targeted attacks were prevented in many cases. Many products were also competent at blocking more targeted, exploit-based attacks. However, while some did very well in this part of the test, others were very much weaker. Malwarebytes' was largely incapable of stopping the targeted attacks, stopping just two.

False positives were not an issue for most products Most of the endpoint solutions were good at correctly classifying legitimate applications and websites. The vast majority allowed all of the legitimate websites and applications. Trend Micro's blocked just one.

Which products were the most effective?

Products from Kaspersky Lab, Symantec, ESET, Sophos, Microsoft and Trend Micro achieved extremely good results due to a combination of their ability to block malicious URLs, handle exploits and correctly classify legitimate applications and websites.

1. Total Accuracy Ratings

Judging the effectiveness of an endpoint security product is a subtle art, and many factors are at play when assessing how well it performs. To make things easier we've combined all the different results from this report into one easy-to-understand graph.

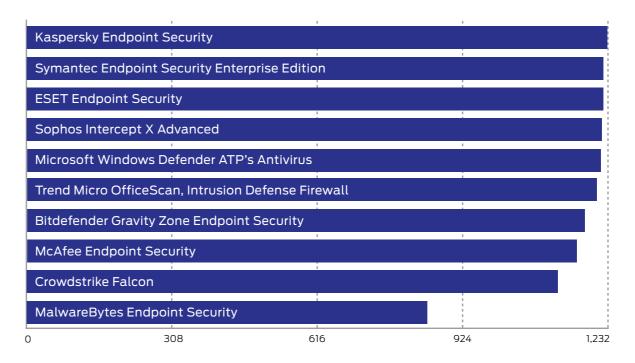
The graph below takes into account not only each product's ability to detect and protect against threats, but also its handling of non-malicious objects such as web addresses (URLs) and applications.

Not all protections, or detections for that matter, are equal. A product might completely block a URL, which stops the threat before it can even start its intended series of malicious events. Alternatively, the product might allow a web-based exploit to execute but prevent it from downloading any further code to the target. In another case malware might run on the target for a short while before its behaviour is detected and its code is deleted or moved to a safe 'quarantine' area for future analysis. We take these outcomes into account when attributing points that form final ratings.

For example, a product that completely blocks a threat is rated more highly than one that allows a threat to run for a while before eventually evicting it. Products that allow all malware infections, or that block popular legitimate applications, are penalised heavily.

Categorising how a product handles legitimate objects is complex, and you can find out how we do it in **5. Legitimate Software Ratings** on page 12.

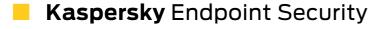
TOTAL ACCURACY RATINGS			
Product	Total Accuracy Rating	Total Accuracy (%)	Award
Kaspersky Endpoint Security	1230	100%	ΑΑΑ
Symantec Endpoint Security Enterprise Edition	1223	99%	ΑΑΑ
ESET Endpoint Security	1222	99%	ΑΑΑ
Sophos Intercept X Advanced	1221	99%	ΑΑΑ
Microsoft Windows Defender ATP's Antivirus	1218	99%	ΑΑΑ
Trend Micro OfficeScan, Intrusion Defense Firewall	1209	98%	ΑΑΑ
Bitdefender Gravity Zone Endpoint Security	1183	96%	ΑΑΑ
McAfee Endpoint Security	1165	95%	ΑΑΑ
Crowdstrike Falcon	1126	91%	АА
MalwareBytes Endpoint Security	848	69%	



Total Accuracy Ratings combine protection and false positives.

Enterprise Endpoint Protection Awards

The following products win SE Labs awards:



- Symantec Endpoint Security Enterprise Edition
- **ESET** Endpoint Security
- **Sophos** Intercept X Advanced
- **Microsoft** Windows Defender ATP's Antivirus
- **Trend Micro** OfficeScan, Intrusion Defense Firewall
- Bitdefender Gravity Zone Endpoint Security
- McAfee Endpoint Security



Crowdstrike Falcon



2. Protection Ratings

The results below indicate how effectively the products dealt with threats. Points are earned for detecting the threat and for either blocking or neutralising it.

Detected (+1)

If the product detects the threat with any degree of useful information, we award it one point.

Blocked (+2)

Threats that are disallowed from even starting their malicious activities are blocked. Blocking products score two points.

Neutralised (+1)

Products that kill all running malicious processes 'neutralise' the threat and win one point.

Complete Remediation (+1)

If, in addition to neutralising a threat, the product removes all significant traces of the attack, it gains an additional one point.

Persistent Neutralisation (-2)

This result occurs when a product continually blocks a persistent threat from achieving its aim, while not removing it from the system.

Compromised (-5)

If the threat compromises the system, the product loses five points. This loss may be reduced to four points if it manages to detect the threat (see Detected, above), as this at least alerts the user, who may now take steps to secure the system.

Rating Calculations

We calculate the protection ratings using the following formula:

Protection Rating = (1x number of Detected) + (2x number of Blocked) + (1x number of Neutralised) + (1x number of Complete remediation) + (-5x number of Compromised)

The 'Complete remediation' number relates to cases of neutralisation in which all significant traces of the attack were removed from the target. Such traces should not exist if the threat was 'Blocked' and so Blocked results imply Complete remediation.

These ratings are based on our opinion of how important these different outcomes are. You may have a different view on how seriously you treat a 'Compromise' or 'Neutralisation without complete remediation'. If you want to create your own rating system, you can use the raw data from **4. Protection Details** on page 11 to roll your own set of personalised ratings.

Targeted Attack Scoring

The following scores apply only to targeted attacks and are cumulative, ranging from -1 to -5.

Access (-1)

If any command that yields information about the target system is successful this score is applied. Examples of successful commands include listing current running processes, exploring the file system and so on. If the first command is attempted and the session is terminated by the product without the command being successful the score of Neutralised (see above) will be applied.

Action (-1)

If the attacker is able to exfiltrate a document from the target's Desktop of the currently logged in user then an 'action' has been successfully taken.

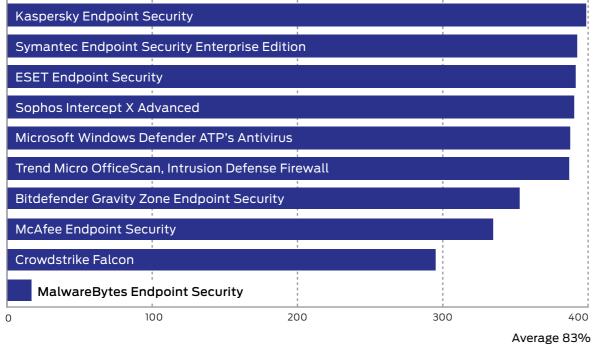
Escalation (-2)

The attacker attempts to escalate privileges to NT Authority/System. If successful, an additional two points are deducted.

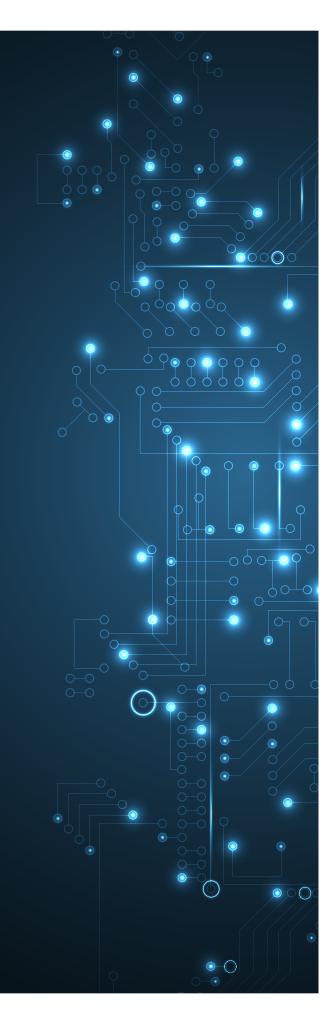
Post-Escalation Action (-1)

After escalation the attacker attempts actions that rely on escalated privileges. These include attempting to steal credentials, modifying the file system and recording keystrokes. If any of these actions are successful then a further penalty of one point deduction is applied.

PROTECTION RATINGS				
Product	Protection Rating	Protection Rating (%)		
Kaspersky Endpoint Security	398	100%		
Symantec Endpoint Security Enterprise Edition	391	98%		
ESET Endpoint Security	390	98%		
Sophos Intercept X Advanced	389	97%		
Microsoft Windows Defender ATP's Antivirus	386	97%		
Trend Micro OfficeScan, Intrusion Defense Firewall	385	96%		
Bitdefender Gravity Zone Endpoint Security	351	88%		
McAfee Endpoint Security	333	83%		
Crowdstrike Falcon	294	73%		
MalwareBytes Endpoint Security	16	4%		



Protection Ratings are weighted to show that how products handle threats can be subtler than just 'win' or 'lose'.



3. Protection Scores

This graph shows the overall level of protection, making no distinction between neutralised and blocked incidents.

For each product we add Blocked and Neutralised cases together to make one simple tally.

PROTECTION SCORES				
Product	Protection Score			
Kaspersky Endpoint Security	100			
Microsoft Windows Defender ATP's Antivirus	100			
Symantec Endpoint Security Enterprise Edition	100			
Trend Micro OfficeScan, Intrusion Defense Firewall	100			
ESET Endpoint Security	99			
Sophos Intercept X Advanced	99			
Bitdefender Gravity Zone Endpoint Security	96			
Crowdstrike Falcon	94			
McAfee Endpoint Security	92			
MalwareBytes Endpoint Security	65			

Kaspersky En	dpoint Security			
		!		
Microsoft Wir	idows Defender ATP	's Antivirus		
Symantec En	dpoint Security Enter	rprise Edition	÷	
Trend Micro C	fficeScan, Intrusion	Defense Firewall	t	
	i i	i	i	
ESET Endpoir	nt Security			
Sophos Interc	ept X Advanced	'	,	
Bitdefender G	ravity Zone Endpoin	t Security	÷	
Crowdstrike F	alcon	1	I	
McAfee Endp	pint Security	;	;	
MalwareBytes	s Endpoint Security	1		

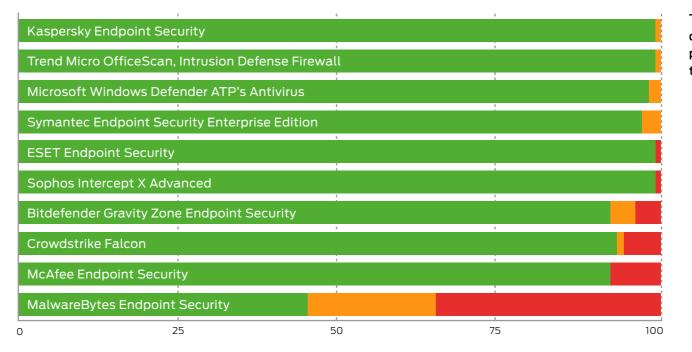
-Protection Scores re a simple count f how many times product protected he system.

4. Protection Details

These results break down how each product handled threats into some detail. You can see how many detected a threat and the levels of protection provided.

Products sometimes detect more threats than they protect against. This can happen when they recognise an element of the threat but aren't equipped to stop it. Products can also provide protection even if they don't detect certain threats. Some threats abort on detecting specific endpoint protection software.

PROTECTION DETAILS					
Product	Detected	Blocked	Neutralised	Compromised	Protected
Kaspersky Endpoint Security	100	99		0	100
Trend Micro OfficeScan, Intrusion Defense Firewall	100	99		0	100
Microsoft Windows Defender ATP's Antivirus	100	98	2	0	100
Symantec Endpoint Security Enterprise Edition	100	97	3	0	100
ESET Endpoint Security	99	99	0	1	99
Sophos Intercept X Advanced	99	99	0	1	99
Bitdefender Gravity Zone Endpoint Security	100	92		4	96
Crowdstrike Falcon	100	93		6	94
McAfee Endpoint Security	99	92	0	8	92
MalwareBytes Endpoint Security	68	45	20	35	65



This data shows in detail how each product handled the threats used.

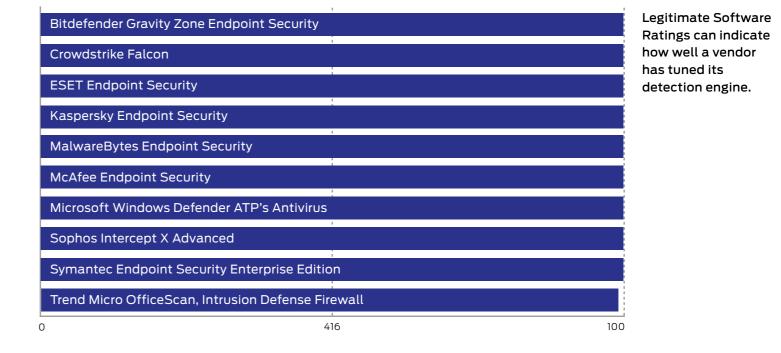
5. Legitimate Software Ratings

These ratings indicate how accurately the products classify legitimate applications and URLs, while also taking into account the interactions that each product has with the user. Ideally a product will either not classify a legitimate object or will classify it as safe. In neither case should it bother the user.

We also take into account the prevalence (popularity) of the applications and websites used in this part of the test, applying stricter penalties for when products misclassify very popular software and sites.

To understand how we calculate these ratings, see **5.3** Accuracy Ratings on page 14.

LEGITIMATE SOFTWARE RATINGS		
Product	Legitimate Accuracy Rating	Legitimate Accuracy (%)
Bitdefender Gravity Zone Endpoint Security	832	100%
Crowdstrike Falcon	832	100%
ESET Endpoint Security	832	100%
Kaspersky Endpoint Security	832	100%
MalwareBytes Endpoint Security	832	100%
McAfee Endpoint Security	832	100%
Microsoft Windows Defender ATP's Antivirus	832	100%
Sophos Intercept X Advanced	832	100%
Symantec Endpoint Security Enterprise Edition	832	100%
Trend Micro OfficeScan, Intrusion Defense Firewall	824	99%



5.1 Interaction Ratings

It's crucial that anti-malware endpoint products not only stop – or at least detect – threats, but that they allow legitimate applications to install and run without misclassifying them as malware. Such an error is known as a 'false positive' (FP).

In reality, genuine FPs are quite rare in testing. In our experience it is unusual for a legitimate application to be classified as 'malware'. More often it will be classified as 'unknown', 'suspicious' or 'unwanted' (or terms that mean much the same thing).

We use a subtle system of rating an endpoint's approach to legitimate objects, which takes into account how it classifies the application and how it presents that information to the user. Sometimes the endpoint software will pass the buck and demand that the user decide if the application is safe or not. In such cases the product may make a recommendation to allow or block. In other cases, the product will make no recommendation, which is possibly even less helpful.

If a product allows an application to install and run with no user interaction, or with simply a brief notification that the application is likely to be safe, it has achieved an optimum result. Anything else is a Non-Optimal Classification/Action (NOCA). We think that measuring NOCAs is more useful than counting the rarer FPs.

	None (allowed)	Click to allow (default allow)	Click to allow/block (no recommendation)	Click to block (default block)	None (blocked)	
Object is safe	2	1.5	1			Α
Object is unknown	2	1	0.5	0	-0.5	В
Object is not classified	2	0.5	0	-0.5	-1	С
Object is suspicious	0.5	0	-0.5	-1	-1.5	D
Object is unwanted	0	-0.5	-1	-1.5	-2	Е
Object is malicious				-2	-2	F
·	1	2	3	4	5	

INTERACTION RATINGS		
Product	None (Allowed)	Click to block (Default Block)
Bitdefender Gravity Zone Endpoint Security	100	0
Crowdstrike Falcon	100	0
ESET Endpoint Security	100	0
Kaspersky Endpoint Security	100	0
MalwareBytes Endpoint Security	100	0
McAfee Endpoint Security	100	0
Microsoft Windows Defender ATP's Antivirus	100	0
Sophos Intercept X Advanced	100	0
Symantec Endpoint Security Enterprise Edition	100	0
Trend Micro OfficeScan, Intrusion Defense Firewall	99	1

Products that do not bother users and classify most applications correctly earn more points than those that ask questions and condemn legitimate applications.

5.2 Prevalence Ratings

There is a significant difference between an endpoint product blocking a popular application such as the latest version of Microsoft Word and condemning a rare Iranian dating toolbar for Internet Explorer 6. One is very popular all over the world and its detection as malware (or something less serious but still suspicious) is a big deal. Conversely, the outdated toolbar won't have had a comparably large user base even when it was new. Detecting this application as malware may be wrong, but it is less impactful in the overall scheme of things.

With this in mind, we collected applications of varying popularity and sorted them into five separate categories, as follows:

- 1. Very high impact
- 2. High impact
- 3. Medium impact
- 4. Low impact
- 5. Very low impact

Incorrectly handling any legitimate application will invoke penalties, but classifying Microsoft Word as malware and blocking it without any way for the user to override this will bring far greater penalties than doing the same for an ancient niche toolbar. In order to calculate these relative penalties, we assigned each impact category with a rating modifier, as shown in the table above.

LEGITIMATE SOFTWARE PREVALENCE RATING MODIFIERS

Impact Category	Rating Modifier
Very high impact	5
High impact	4
Medium impact	3
Low impact	2
Very low impact	1

Applications were downloaded and installed during the test, but third-party download sites were avoided and original developers' URLs were used where possible. Download sites will sometimes bundle additional components into applications' install files, which may correctly cause anti-malware products to flag adware. We remove adware from the test set because it is often unclear how desirable this type of code is.

The prevalence for each application and URL is estimated using metrics such as third-party download sites and the data from Alexa.com's global traffic ranking system.

5.3 Accuracy Ratings

We calculate legitimate software accuracy ratings by multiplying together the interaction and prevalence ratings for each download and installation:

Accuracy rating = Interaction rating x Prevalence rating

If a product allowed one legitimate, Medium impact application to install with zero interaction with the user, then its Accuracy rating would be calculated like this:

Accuracy rating = $2 \times 3 = 6$

This same calculation is made for each legitimate application/site in the test and the results are summed and used to populate the graph and table shown under *5. Legitimate Software Ratings* on page 11.

5.4 Distribution of Impact Categories

Endpoint products that were most accurate in handling legitimate objects achieved the highest ratings. If all objects were of the highest prevalence, the maximum possible rating would be 1,000 (100 incidents x (2 interaction rating x 5 prevalence rating)).

In this test there was a range of applications with different levels of prevalence. The table below shows the frequency:

LEGITIMATE SOFTWARE CATEGORY FREQUENCY				
Prevalence Rating	Frequency			
Very high impact	55			
High impact	22			
Medium impact	11			
Low impact	8			
Very low impact	4			
GRAND TOTAL	100			

6. Conclusions

Attacks in this test included threats that affect the wider public and more closely-targeted individuals and organisations. You could say that we tested the products with 'public' malware and full-on hacking attacks. We introduced the threats in a realistic way such that threats seen in the wild on websites were downloaded from those same websites, while threats caught spreading through email were delivered to our target systems as emails.

All of the products tested are well-known and should do well in this test. While we do 'create' threats by using publicly available free hacking tools, we don't write unique malware so there is no technical reason why every vendor being tested should do poorly.

Consequently, it's not a shock to see all products handle the public threats very effectively. **Malwarebytes** was notable in its struggle at handling these. Targeted attacks were also handled well by most but caused some significant problems for **Malwarebytes Endpoint Security**, which failed to stop all but two of the targeted attacks, which is an unusually poor performance in our tests.

Products from Kaspersky Lab, Symantec, Microsoft and Trend Micro protected against all of the public and targeted attacks. All but Trend Micro also handled the legitimate applications correctly. Sophos Intercept X Advanced stopped all of the targeted attacks and missed only one public threat. ESET Endpoint Security stopped all of public threats but allowed one targeted attack to achieve some level of success.

The **Bit Defender** and **Crowdstrike** products performed strongly, both stopping the vast majority of public threats.

The only product not to achieve a rating was Malwarebytes Endpoint Security. It was completely accurate with legitimate applications but, when handling threats, it neutralised nearly twice as often as it blocked malware outright. More seriously, it also missed all but two of the targeted attacks.

The leading products from Kaspersky Lab, Symantec, ESET, Sophos, Microsoft, Trend Micro, BitDefender and McAfee win AAA awards.

Appendices

APPENDIX A: Terms Used

TERM	MEANING		
Compromised	The attack succeeded, resulting in malware running unhindered on the target. In the case of a targeted attack, the attacker was able to take remote control of the system and carry out a variety of tasks without hindrance.		
Blocked	The attack was prevented from making any changes to the target.		
False positive	When a security product misclassifies a legitimate application or website as being malicious, it generates a 'false positive'.		
Neutralised	The exploit or malware payload ran on the target but was subsequently removed.		
Complete Remediation	If a security product removes all significant traces of an attack, it has achieved complete remediation.		
Target	The test system that is protected by a security product.		
Threat	A program or sequence of interactions with the target that is designed to take some level of unauthorised control of that target.		
Update	Security vendors provide information to their products in an effort to keep abreast of the latest threats. These updates may be downloaded in bulk as one or more files, or requested individually and live over the internet.		

APPENDIX B: FAQs

- A full methodology for this test is available from our website.
- The products chosen for this test were selected by SE Labs.
- The test was unsponsored.
- The test was conducted between 25th June and 29th August 2018.
- All products were configured according to each vendor's recommendations, when such recommendations were provided.
- Malicious URLs and legitimate applications and URLs were independently located and verified by SE Labs.
- Targeted attacks were selected and verified by SE Labs.
- Malicious and legitimate data was provided to partner organisations once the test was complete.
- SE Labs conducted this endpoint security testing on physical PCs, not virtual machines.

■ The web browser used in this test was Google Chrome. When testing Microsoft products Chrome was equipped with the Windows Defender Browser Protection browser extension (https://browserprotection.microsoft.com).

What is a partner organisation? Can I become one to gain access to the threat data used in your tests?

A Partner organisations benefit from our consultancy services after a test has been run. Partners may gain access to low-level data that can be useful in product improvement initiatives and have permission to use award logos, where appropriate, for marketing purposes. We do not share data on one partner with other partners. We do not partner with organisations that do not engage in our testing.

I am a security vendor and you tested my product without permission. May I access the threat data to verify that your results are accurate?

A We are willing to share a certain level of test data with non-partner participants for free. The intention is to provide sufficient data to demonstrate that the results are accurate. For more in-depth data suitable for product improvement purposes we recommend becoming a partner.

APPENDIX C: Product Versions

The table below shows the service's name as it was being marketed at the time of the test.

PRODUCT VERSIONS						
Provider	Product Name	Build Version (start)	Build Version (end)			
Bitdefender	Gravity Zone Endpoint Security	Version: 6.6.1.37, Engine version: 7.76257	Product version: 6.6.3.61, Engine version: 7.77142 (11955443)			
Crowdstrike	Falcon	4.2.6402.0	4.11.7402.0			
ESET	Endpoint Security	6.4.2014.0	Version: 6.6.2078.5, Windows 10 pro (64-bit) version: 10.0.16299			
Kaspersky Lab	Endpoint Security	10.3.0.6294 aes256	11.0.0.6499 aes256			
MalwareBytes	Endpoint Security	1.80.2.1012	1.80.2.1012			
McAfee	Endpoint Security	5.0.6.220	Agent: 5.5.0.447, Endpoint Security: 10.6			
Microsoft	Windows Defender ATP's Antivirus	4.12.17007.18022 (Antimalware Client Version) 1.263.824.0 (Antivirus Version)	Antimalware Client Version (4.18.1807.18075) Antivirus Version (1.275.307.0) Antispyware Version (1.275.307.0)			
Sophos	Intercept X Advanced	Core Agent (2.0.2), Endpoint Advanced (10.8.1.1), Sophos Intercept X (2.0.2), Device Encryption (1.3.90)	Core Agent (2.0.5) Endpoint Advanced (10.8.1.2) Sophos Intercept X (2.0.6) Device Encryption (1.4.103)			
Symantec	Endpoint Security Enterprise Edition	Version 14 (14.0 RU1) build 3752 (14.0.3752.1000)	Antimalware Client Version 14 (14.2) build 758 (14.2.758.0000)			
Trend Micro	OfficeScan, Intrusion Defense Firewall	12.0.1861	12.0.1861			

APPENDIX D: Attack Types

The table below shows how each product protected against the different types of attacks used in the test.

ATTACK TYPES						
Product	Web-Download	Targeted Attack	Protected			
Kaspersky Endpoint Security	75	25	100			
Microsoft Windows Defender ATP's Antivirus	75	25	100			
Symantec Endpoint Security Enterprise Edition	75	25	100			
Trend Micro OfficeScan, Intrusion Defense Firewall	75	25	100			
ESET Endpoint Security	75	24	99			
Sophos Intercept X Advanced	74	25	99			
Bitdefender Gravity Zone Endpoint Security	74	22	96			
Crowdstrike Falcon	73	21	94			
McAfee Endpoint Security	75	17	92			
MalwareBytes Endpoint Security	63	2	65			

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- The information contained in this report is subject to change and revision by SE Labs without notice.
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