

# Evading EDR

## The Definitive Guide to Defeating Endpoint Detection

by Matt Hand

Errata updated to print 1

Page	Error	Correction	Print corrected
52	<p>Figure 3-11: The execution flow of process herpaderping</p>	<p>Figure 3-11: The execution flow of process herpaderping</p>	Pending
53	<p>Figure 3-12: The process-ghosting workflow</p>	<p>Figure 3-12: The process-ghosting workflow</p>	Pending
92	For the most part, services run as the privileged <code>NT AUTHORITY\SYSTEM</code> account,	For the most part, services run as the privileged <code>NT AUTHORITY\SYSTEM</code> account,	Pending
140	<pre>&gt;&gt; Where-Object {\$_.Name -notlike 'WFP Built-in*'}  </pre>	<pre>&gt;&gt; Where-Object {\$_.Name -notlike 'WFP Built-in*'}  </pre>	Pending
150	<pre>PS &gt; logman.exe query 'EventLog-System' -ets</pre>	<pre>PS &gt; logman.exe query EventLog-System -ets</pre>	Pending
158	The <code>ExtendedData</code> member matches the data passed in the <code>EnableProperty</code> parameter of <code>sechost!EnableTraceEx2()</code> .	The <code>ExtendedData</code> member matches the data passed in the <code>EnableParameters</code> parameter of <code>sechost!EnableTraceEx2()</code> .	Pending

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166	<pre>logman.exe stop "TRACE_NAME" -ets</pre>	<pre>logman.exe stop TRACE_NAME -ets</pre>	Pending																				
222	<p><i>Listing 12-11: Loading call trees into <b>Gbidra</b></i></p>	<p><i>Listing 12-11: Loading call trees into <b>Neo4j</b></i></p>	Pending																				
257	<pre>PS &gt; \$type = [Type]::GetTypeFromProgId(Excel.Workbook.16)</pre>	<pre>PS &gt; \$type = [Type]::GetTypeFromProgId("Excel.Workbook.16")</pre>	Pending																				
258	<table border="1"> <thead> <tr> <th data-bbox="170 488 888 583">Registry key</th> <th data-bbox="888 488 1016 583">Operation</th> </tr> </thead> <tbody> <tr> <td data-bbox="170 583 888 699">SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\FileExts\.xlsx\UserChoice</td> <td data-bbox="888 583 1016 699">Delete</td> </tr> <tr> <td data-bbox="170 699 888 816">SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\FileExts\.xlsx\UserChoice</td> <td data-bbox="888 699 1016 816">Create</td> </tr> <tr> <td data-bbox="170 816 888 933">SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\FileExts\.xlsx\UserChoice\Hash</td> <td data-bbox="888 816 1016 933">Set value</td> </tr> <tr> <td data-bbox="170 933 888 1050">SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\FileExts\.xlsx\UserChoice\ProgId</td> <td data-bbox="888 933 1016 1050">Set value</td> </tr> </tbody> </table>	Registry key	Operation	SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\FileExts\.xlsx\UserChoice	Delete	SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\FileExts\.xlsx\UserChoice	Create	SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\FileExts\.xlsx\UserChoice\Hash	Set value	SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\FileExts\.xlsx\UserChoice\ProgId	Set value	<table border="1"> <thead> <tr> <th data-bbox="1037 488 1755 583">Registry key</th> <th data-bbox="1755 488 1883 583">Operation</th> </tr> </thead> <tbody> <tr> <td data-bbox="1037 583 1755 699">SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\FileExts\.xlsx\UserChoice</td> <td data-bbox="1755 583 1883 699">Delete</td> </tr> <tr> <td data-bbox="1037 699 1755 816">SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\FileExts\.xlsx\UserChoice</td> <td data-bbox="1755 699 1883 816">Create</td> </tr> <tr> <td data-bbox="1037 816 1755 933">SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\FileExts\.xlsx\UserChoice\Hash</td> <td data-bbox="1755 816 1883 933">Set value</td> </tr> <tr> <td data-bbox="1037 933 1755 1050">SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\FileExts\.xlsx\UserChoice\ProgId</td> <td data-bbox="1755 933 1883 1050">Set value</td> </tr> </tbody> </table>	Registry key	Operation	SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\FileExts\.xlsx\UserChoice	Delete	SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\FileExts\.xlsx\UserChoice	Create	SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\FileExts\.xlsx\UserChoice\Hash	Set value	SOFTWARE\Microsoft\Windows\CurrentVersion\Explorer\FileExts\.xlsx\UserChoice\ProgId	Set value	Pending
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