



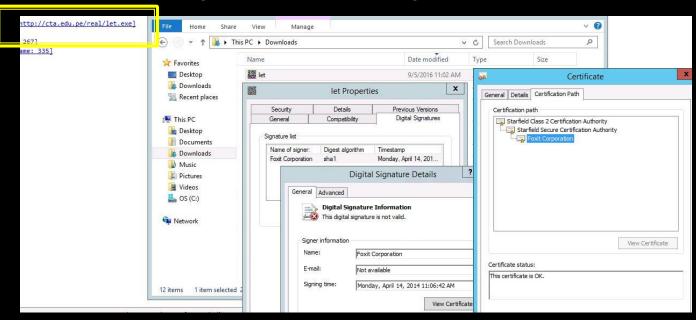


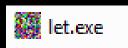


Whatever this Office .pub malware is, it is funky. Uses Microsoft BITS to DL, signed 'by' Foxit. Analysis ongoing.

04:07 - 5 sept. 2016

#### http://cta.edu.pe/real/let.exe





### 1st Stage - let.exe .NET sample

14d1c127f23b2440bfb59be830be7386530623d730e1c06190eca7da4c4bdc1c



SHA256: 14d1c127f23b2440bfb59be830be7386530623d730e1c06190eca7da4c4bdc1c

Nom du fichier : let.exe

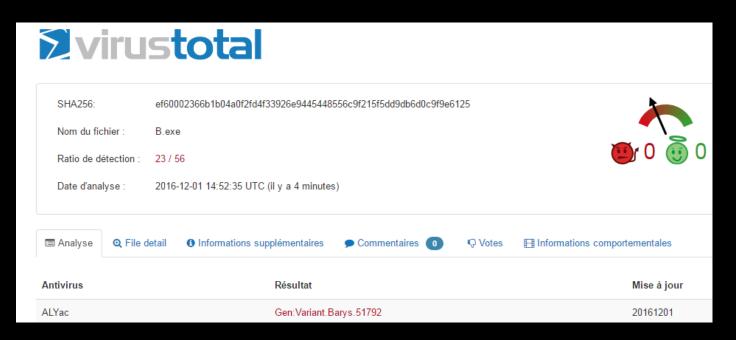
Ratio de détection: 45 / 57

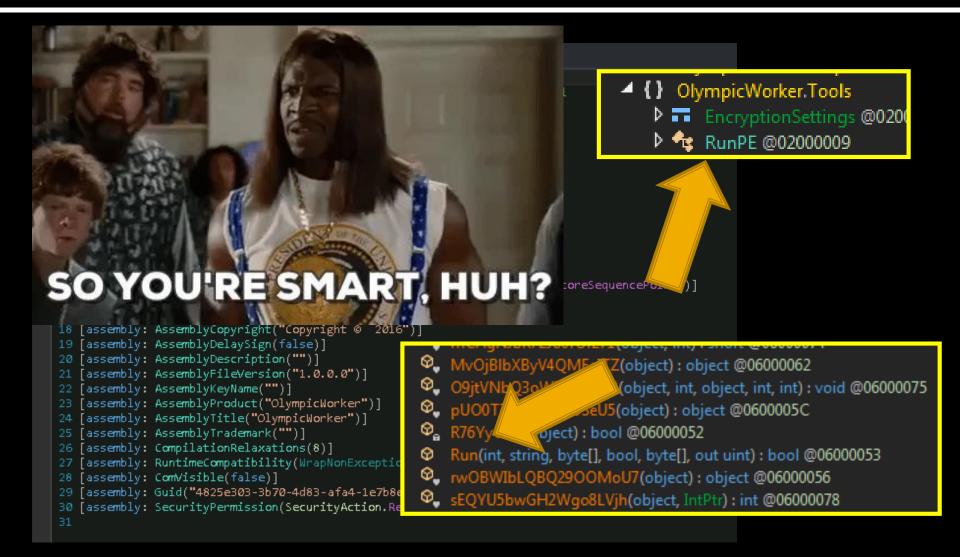
Date d'analyse : 2016-09-26 18:48:53 UTC (il y a 2 mois)

```
▼ X let (3.0.0.0) X
Assembly Explorer
                                       1 // C:\Users\admin\Downloads\ let\let.exe
▶ 🗇 mscorlib (4.0.0.0)
                                       2 // let, Version=3.0.0.0, Culture=neutral, PublicKeyToken=null
▶ 🗇 System (4.0.0.0)
4 // Entry point: iPJxSpaJTPcOAOR.Program.Main
5 // Timestamp: 57CBB222 (04/09/2016 05:33:22)
▶ 🗇 System.Xaml (4.0.0.0)
7 using System;
PresentationCore (4.0.0.0)
                                       8 using System.Reflection;
                                       9 using System.Runtime.CompilerServices;
PresentationFramework (4.0.0.0)
                                      10 using System.Runtime.InteropServices;
▶ 🗇 dnlib (1.6.0.0)
                                      11 using System.Security.Permissions;
▶ 🗇 let (3.0.0.0)
                                      13 [assembly: AssemblyVersion("3.0.0.0")]
                                      14 [assembly: AssemblyCompany("CD Projekt Red")]
                                      15 [assembly: AssemblyConfiguration("")]
                                      16 [assembly: AssemblyCopyright("Copyright @ 2012 CD Projekt Red.")]
                                      17 [assembly: AssemblyDescription("The Witcher 3")]
                                      18 [assembly: AssemblyFileVersion("3.0.0")]
                                      19 [assembly: AssemblyProduct("The Witcher 3")]
                                      20 [assembly: AssemblyTitle("The Witcher 3")]
                                      21 [assembly: AssemblyTrademark("")]
                                      22 [assembly: CompilationRelaxations(8)]
                                      23 [assembly: RuntimeCompatibility(WrapNonExceptionThrows = true)]
                                      24 [assembly: ComVisible(false)]
                                      25 [assembly: Guid("f4c9f060-ea01-4f3c-a804-059f87052b6a")]
                                      26 [assembly: SecurityPermission(SecurityAction.RequestMinimum, SkipVerification = true)]
```

```
uwGPTBbxABs.resources 🗶
                                                              internal static byte[] F
      // 0x00003520: uwGPTBbxABs.resources (251136 b
                                                                  // Token: 0x06000018 RID: 24 RVA: 0x00002B28 File Offset: 0x000001B28
    4 // 0x000045F8: CwyODCxB0 = "gQLyS2NsU0jJO7p+E3
5 // 0x00004DCB: CwyODCxB1 = "KZeTakL8ugz6L8wuUG
                                                                       StringBuilder stringBuilder = new StringBuilder();
                                                                       for (int i = 0; i < 124; i++)
                                                                           stringBuilder.Append(Resources.ResourceManager.GetString("CwyODCxB" + i.ToString()));
                                                                       return Convert.FromBase64String(stringBuilder.ToString());
   17 // 0x0000ABAF: CwyODCxB11 = "aAQ92AlQcme9gYLt0Ld1wEnzFML+q2jSZlKwuRHEIG59apIpNrCfpeISu6zhbSq4zFJEOmgMClcwjs7M6LPmroXDWzMZcsCoDnsTxQrGv+
   18 // 0x0000B382: CwyODCxB110 = "6R3tftAdgWrRZ5FG08sJntSiGYDD+ekptLERPv6SJR9EolPaigaHr4Xw8xGaRv6Zxng7wYZu60FDJr0b2gEW9ox0JaJ566OQMhZA1sE
   19 // 0x00000BB55: CwyODCxB111 = "YgZTSAx+sdTLc
                                                                 // Token: 0x0600000E RID: 14 RVA: 0x000028FC File Offset: 0x000018FC
   20 // 0x0000C328: CwyODCxB112 = "wyEM4Yh639dYp
   21 // 0x0000CAFB: CwyODCxB113 = "YvATziJrjc7v
                                                                 private void S(byte[] B)
                                                                      int num = 0;
                                                                      pbcR.BAvcfMiV(-9.131934E-09f, 14236, true, '0');
   26 // 0x0000F21A: CwyODCxB118 = "vVNAwxk1/UCg.
                                                                      WQKM.JuXudHxbhy("QBCJpYH", 196492439, 16689, 0.9272347f);
   27 // 0x0000F9ED: CwyODCxB119 = "+v3r3/udHbH/
                                                                      while (this.M == null)
   28 // 0x00010100: CwyODCxB12 = "QYJs+Aud3w9Ame
   29 // 0x00010993: CwyODCxB120 = "Mc6r0pyACxhI-
                                                                          PropertyInfo propertyInfo = this. P[num];
                                                                          num++:
                                                                          XbUg.tblcTkzxg(8043, 148);
   33 // 0x000122DF: CwyODCxB13 = "15y2aZAiW0bf0
   34 // 0x00012AB2: CwyODCxB14 = "uLA9bThDCpUrAs
                                                                          if (propertyInfo.Name.Contains("C") && propertyInfo.Name.Contains("D"))
   35 // 0x00013285: CwvODCxB15 = "9cPrGvUY8Cpv3
                                                                              object value = propertyInfo.GetValue(null, null);
                                                                              pbcR.BAvcfMiV(-8.943347E-11f, 17137, false, 'u');
   39 // 0x000151D1: CwyODCxB19 = "3jqZ5Ys+l494L
                                                                              this.M = Interaction.CallByName(value, "Load", CallType.Method, new object[]
   44 // 0x000178F0: CwyODCxB23 = "isqG2Pd1WSwaT
                                                                              pbcR.BAvcfMiV(2.800016E-21f, 8226, false, 'j');
                                                                              this.M = ((Assembly)this.M).EntryPoint:
```

### 2<sup>nd</sup> stage - Olympic Worker Always .NET





Locals		
	To 1	
Name	Value	Туре
✓ encryptionSettings	{OlympicWorker.Tools.EncryptionSettings}	OlympicWorker.Tools.Enc
CompatibleMode	false	bool
DeleteZoneID	true	bool
DownloadExecute	false	bool
DownloadURL		string
	[byte[0x00000000]]	byte[]
	false	bool
	false	bool
	0x00000000	int
		string
FakeErrorTitle		string
FakeErrorType	Asterisk	System.Windows.Forms.M
HideFile	false	bool
InjectProtectionModule	false	bool
InjectionTarget	0x00000003	int
InstallFile	false	bool
InstallPath	0x00000000	int
MarkAsSystem	false	bool
MutexString	"SsXwHEDushUCDkgXlkkK"	string
	""	string
StartupKey	···	string

### 3<sup>rd</sup> stage - Native PE32 file

#### MD5,086C7DAC6F6C25E8E1B6A804CB78A4B8

- O results on VT on september
- Now detected by 42 AV vendors



If someone has already made a study of .NET samples and/or classification (packer, dropper,...) i will be happy to go further.

Please free to contact me @13m0ntr33

