

JOeSandbox Cloud BASIC



ID: 486287

Sample Name: oBfsC4t10n2.xls

Cookbook:

defaultwindowsofficecookbook.jbs

Time: 10:59:46

Date: 20/09/2021

Version: 33.0.0 White Diamond

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Windows Analysis Report oBfsC4t10n2.xls

Overview

General Information

Sample Name:	oBfsC4t10n2.xls
Analysis ID:	486287
MD5:	0c09bfd98f0a61...
SHA1:	bb4a594ecf90ed6.
SHA256:	1f156f86d45e28d..
Infos:	
Most interesting Screenshot:	

Detection

MALICIOUS

SUSPICIOUS

CLEAN

UNKNOWN

Hidden Macro 4.0

Score:	68
Range:	0 - 100
Whitelisted:	false
Confidence:	100%

Signatures

Office document tries to convince vi...

Antivirus / Scanner detection for sub...

Multi AV Scanner detection for subm...

Yara detected hidden Macro 4.0 in E...

Document contains embedded VBA ...

Yara signature match

Classification

Process Tree

- System is w7x64
- EXCEL.EXE (PID: 2188 cmdline: 'C:\Program Files\Microsoft Office\Office14\EXCEL.EXE' /automation -Embedding MD5: D53B85E21886D2AF9815C377537BCAC3)
- cleanup

Malware Configuration

No configs have been found

Yara Overview

Source	Rule	Description	Author	Strings
oBfsC4t10n2.xls	SUSP_Excel4Macro_Auto Open	Detects Excel4 macro use with auto open / close	John Lambert @JohnLaTwC	0x0:\$header_docf: D0 CF 11 E0 0xcbcaa:\$s1: Excel 0xccd0a:\$s1: Excel 0x321f:\$Auto_Open: 18 00 17 00 20 00 00 01 07 00 00 00 00 00 00 00 00 01 3A
oBfsC4t10n2.xls	JoeSecurity_HiddenMacro	Yara detected hidden Macro 4.0 in Excel	Joe Security	

Sigma Overview

No Sigma rule has matched

Jbx Signature Overview

 Click to jump to signature section

AV Detection:



Antivirus / Scanner detection for submitted sample

Multi AV Scanner detection for submitted file

System Summary:



Office document tries to convince victim to disable security protection (e.g. to enable ActiveX or Macros)

HIPS / PFW / Operating System Protection Evasion:



Yara detected hidden Macro 4.0 in Excel

Mitre Att&ck Matrix

Initial Access	Execution	Persistence	Privilege Escalation	Defense Evasion	Credential Access	Discovery	Lateral Movement	Collection	Exfiltration	Command and Control	Network Effects	Remote Service Effects	Impact
Valid Accounts	Scripting 1	Path Interception	Path Interception	Disable or Modify Tools 1	OS Credential Dumping	File and Directory Discovery 1	Remote Services	Data from Local System	Exfiltration Over Other Network Medium	Data Obfuscation	Eavesdrop on Insecure Network Communication	Remotely Track Device Without Authorization	Modify System Partition
Default Accounts	Scheduled Task/Job	Boot or Logon Initialization Scripts	Boot or Logon Initialization Scripts	Scripting 1	LSASS Memory	System Information Discovery 1	Remote Desktop Protocol	Data from Removable Media	Exfiltration Over Bluetooth	Junk Data	Exploit SS7 to Redirect Phone Calls/SMS	Remotely Wipe Data Without Authorization	Device Lockout

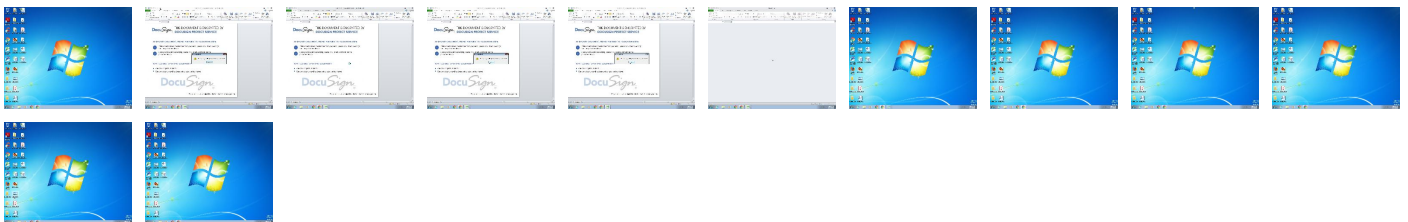
Behavior Graph

Screenshots

Thumbnails

This section contains all screenshots as thumbnails, including those not shown in the slideshow.

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Antivirus, Machine Learning and Genetic Malware Detection

Initial Sample

Source	Detection	Scanner	Label	Link
oBfsC4t10n2.xls	62%	Virustotal		Browse
oBfsC4t10n2.xls	46%	Metadefender		Browse
oBfsC4t10n2.xls	57%	ReversingLabs	Document-Excel.Downloader.EncDoc	
oBfsC4t10n2.xls	100%	Avira	XFI/Agent.B	

Dropped Files

No Antivirus matches

Unpacked PE Files

No Antivirus matches

Domains

No Antivirus matches

URLs

Source	Detection	Scanner	Label	Link
http://0b.htb/s.dll	0%	Avira URL Cloud	safe	

Domains and IPs

Contacted Domains

No contacted domains info

URLs from Memory and Binaries

Contacted IPs

No contacted IP infos

General Information

Joe Sandbox Version:	33.0.0 White Diamond
Analysis ID:	486287
Start date:	20.09.2021
Start time:	10:59:46
Joe Sandbox Product:	CloudBasic
Overall analysis duration:	0h 4m 43s
Hypervisor based Inspection enabled:	false
Report type:	light
Sample file name:	oBfsC4t10n2.xls
Cookbook file name:	defaultwindowsofficecookbook.jbs
Analysis system description:	Windows 7 x64 SP1 with Office 2010 SP1 (IE 11, FF52, Chrome 57, Adobe Reader DC 15, Flash 25.0.0.127, Java 8 Update 121, .NET 4.6.2)
Number of analysed new started processes analysed:	3
Number of new started drivers analysed:	0
Number of existing processes analysed:	0
Number of existing drivers analysed:	0
Number of injected processes analysed:	0
Technologies:	• EGA enabled • HDC enabled • AMSI enabled
Analysis Mode:	default
Analysis stop reason:	Timeout
Detection:	MAL
Classification:	mal68.expl.winXLS@1/0@0/0
Cookbook Comments:	• Adjust boot time • Enable AMSI • Found application associated with file extension: .xls • Found Word or Excel or PowerPoint or XPS Viewer • Found warning dialog • Click Ok • Attach to Office via COM • Scroll down • Close Viewer
Warnings:	Show All

Simulations

Behavior and APIs

No simulations

Joe Sandbox View / Context

IPs

No context

Domains

No context

ASN

No context

JA3 Fingerprints

No context

Dropped Files

No context

Created / dropped Files

No created / dropped files found

Static File Info

General

File type:	Composite Document File V2 Document, Little Endian, Os: Windows, Version 10.0, Code page: 1252, Author: 0xdf, Last Saved By: 0xdf, Name of Creating Application: Microsoft Excel, Create Time/Date: Mon Mar 23 14:19:10 2020, Last Saved Time/Date: Sat Apr 25 19:43:56 2020, Security: 0
Entropy (8bit):	5.658051669585681
TrID:	- Microsoft Excel sheet (30009/1) 47.99% - Microsoft Excel sheet (alternate) (24509/1) 39.20% - Generic OLE2 / Multistream Compound File (8008/1) 12.81%
File name:	oBfsC4t10n2.xls
File size:	849920
MD5:	0c09fbd98f0a6144a42fde00fe21504
SHA1:	bb4a594ecf90ed6b9e408c404b08620500fb4c02
SHA256:	1f156f86d45e28dac74015051546305497adb86b4e46bb7d9a84ccf5e25a12f4
SHA512:	e07776cc23b1a9629e760173e7cbf47bfc56f87c1f74f51ad59299dad3e01387ed355bed4cdcfcc269cb55ad7357896b3e1d57a7cdea0c6d84ecec09ca79e8d4
SSDEEP:	12288:53wXyuDwsryfLIYUFZWYehWg6rj4P8pJNjavyP:5Axr2YUWyXvzD
File Content Preview:	>.....Z.....m...n... o...p...q...r...s...t...u...v...w...x...y.....

File Icon

	
Icon Hash:	e4eea286a4b4bcb4

Static OLE Info

General

Document Type:	OLE
Number of OLE Files:	1

OLE File "oBfsC4t10n2.xls"

Indicators

Has Summary Info:	True
Application Name:	Microsoft Excel
Encrypted Document:	False
Contains Word Document Stream:	False
Contains Workbook/Book Stream:	True
Contains PowerPoint Document Stream:	False
Contains Visio Document Stream:	False
Contains ObjectPool Stream:	
Flash Objects Count:	
Contains VBA Macros:	True

Summary

Code Page:	1252
Author:	Oxdf
Last Saved By:	Oxdf
Create Time:	2020-03-23 14:19:10
Last Saved Time:	2020-04-25 18:43:56
Creating Application:	Microsoft Excel
Security:	0

Document Summary

Document Code Page:	1252
Thumbnail Scaling Desired:	False
Company:	
Contains Dirty Links:	False
Shared Document:	False
Changed Hyperlinks:	False
Application Version:	1048576

Streams

Network Behavior

No network behavior found

Code Manipulations

Statistics

System Behavior

General

Start time:	11:00:26
Start date:	20/09/2021
Path:	C:\Program Files\Microsoft Office\Office14\EXCEL.EXE
Wow64 process (32bit):	false
Commandline:	'C:\Program Files\Microsoft Office\Office14\EXCEL.EXE' /automation -Embedding
Imagebase:	0x13f8f0000
File size:	28253536 bytes
MD5 hash:	D53B85E21886D2AF9815C377537BCAC3
Has elevated privileges:	true
Has administrator privileges:	true
Programmed in:	C, C++ or other language
Reputation:	moderate

File Activities

Show Windows behavior

Registry Activities

Show Windows behavior

Key Created

Key Value Created

Key Value Modified

Disassembly