



Опыт применения решения Kaspersky Threat Intelligence Portal при исследовании вредоносного ПО

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Место работы: РГП «Государственная техническая служба»,
главный архитектор (руководитель) Лаборатории исследования вредоносного кода.

Основные достижения в сфере ИБ:

- Подготовил троих студентов к участию в конференции по ИБ, проводимой Лабораторией Касперского (2010-2012 годы) в г. Москва. Результат: два призера (третье и второе места) тура Россия и СНГ и участие в международных турах (Польша, Германия);
- Вошел в состав финалистов конкурса «Инновационный Казахстан» (АО «Самрук-Казына», 2011);
- Вошел в число победителей конкурса по анализу CrackMe, проводимого Лабораторией Касперского (2016);
- Консультировал работы по противодействию троянцам-шифровальщикам (Talent Lab, Лаборатория Касперского – специальный приз) (март 2017) и защите данных от потенциально опасных расширений браузера (обе работы презентовались на секции Young School конференции Positive Hack Days 2017) (апрель-май 2017);
- Выступал на конференциях PHDays (Positive Technologies, 2018, Москва), BISSummit (Infowatch, 2018, Баку) и ряде конференций в Казахстане (SOC-форум, Kazhackstan и др.).

Возможности решения

1. Отчеты о целевых угрозах (APT);
2. Песочница;
3. Информация о доменах и IP-адресах;
4. Информация об объектах и их взаимосвязях.

APT10 Spearphishes Japanese Policy Experts late 2016 to early 2017

Version: 1.0 (9.March.2017)

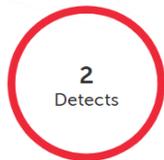
Executive summary

In late January 2017, JPCERT/CC reported a spearphishing campaign and related backdoor which they named “ChChes”. The campaign, which we have high confidence was carried out by the APT10 actor, targeted multiple Japanese organizations. Several reports on the attacks have surfaced.

The largest amount of ChChes spearphishing activity appears to have occurred in the last week of November 2016, and continues into the first week of December 2016. Following the spearphishing campaign, the group shifted toward to Powershell and other tools that will be covered in greater detail in a second part of this report.

```
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...<Context document="RouteEntryItem" search="RouteEntryItem/Destination" type="mir" />
...<Content type="string">whale.toshste.com</Content>
</IndicatorItem>
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...<Content type="string">zebra.wthelpdesk.com</Content>
</IndicatorItem>
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...<Content type="md5">07abd6583295061eac2435ae470eff78</Content>
</IndicatorItem>
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</IndicatorItem>
```

Summary ⓘ [↓ Export all results](#)



- Malware (2)
- Adware and other (0)



- High (0)
- Medium (0)
- Low (4)



- Malicious (1)
- Adware and other (0)
- Clean (1)
- Not categorized (13)



- Dangerous (0)
- Adware and other (0)
- Good (0)
- Not categorized (0)

Uploaded	Nov 07, 2018 09:23	Execution environment	Windows 7 x86	File size	142 100 B	MD5	
Analyzed	Nov 07, 2018 09:26	Execution time	100 sec	File type ⓘ	rtf	SHA-1	
Database update	Nov 06, 2018 18:10	File extension	rtf			SHA-256	
		HTTPS decryption	No				

Results

System activities

Extracted files

Network activities

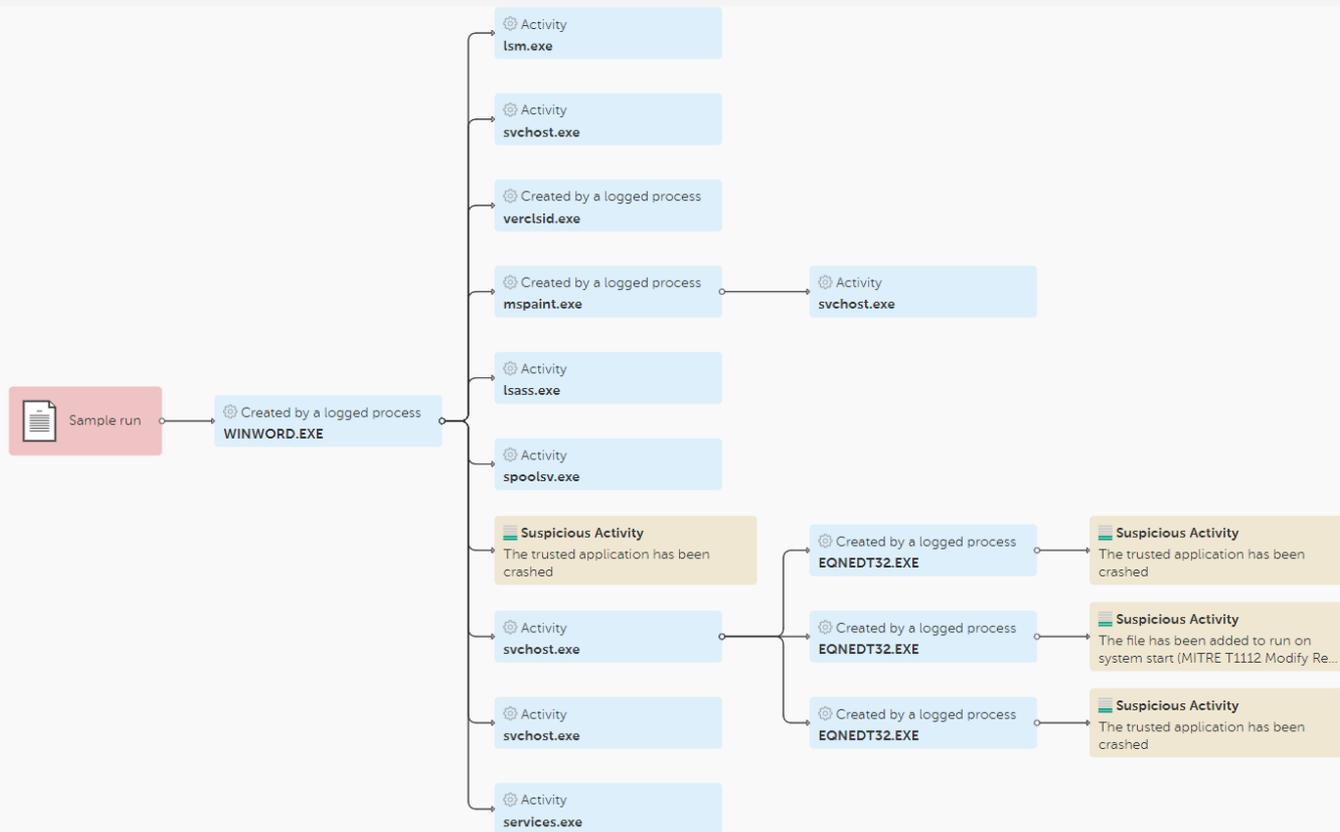
Sandbox detection names ⓘ [↓ Download data](#)



Zone	Name
High	Trojan.Win32.Agent
High	Exploit.MSOffice.Pederr

Песочница

Execution map ①



Песочница + информация об объектах

Hash report for MD5: Not categorized [Copy request](#) [Export all results](#)

Hits	10	Format	None	MD5	
First seen	Nov 07, 2018 09:34	Size	142 100 B	SHA-1	
Last seen	Nov 07, 2018 12:43	Signed by	None	SHA-256	
		Packed by	None		

Categories **General**

Detection names

Nov 07, 2018 12:32 Exploit.RTF.CVE-2018-0802.gen	Nov 07, 2018 12:43 UDS.DangerousObject.Multi.Generic
---	---

File signatures and certificates

No data found

Container signatures and certificates

No data found

File paths

No data found

File names

No data found

File accessed following URLs [Download data](#)

Status	URL	Last accessed	Domain	IP count
✓ Clean	purl.org	Nov 07, 2018 09:34	purl.org	—
✓ Clean	purl.org	Nov 07, 2018 09:34	purl.org	—
✓ Clean	purl.org	Nov 07, 2018 09:34	purl.org	—

File downloaded from URLs and domains

No data found

File started following objects

No data found

Информация об объектах

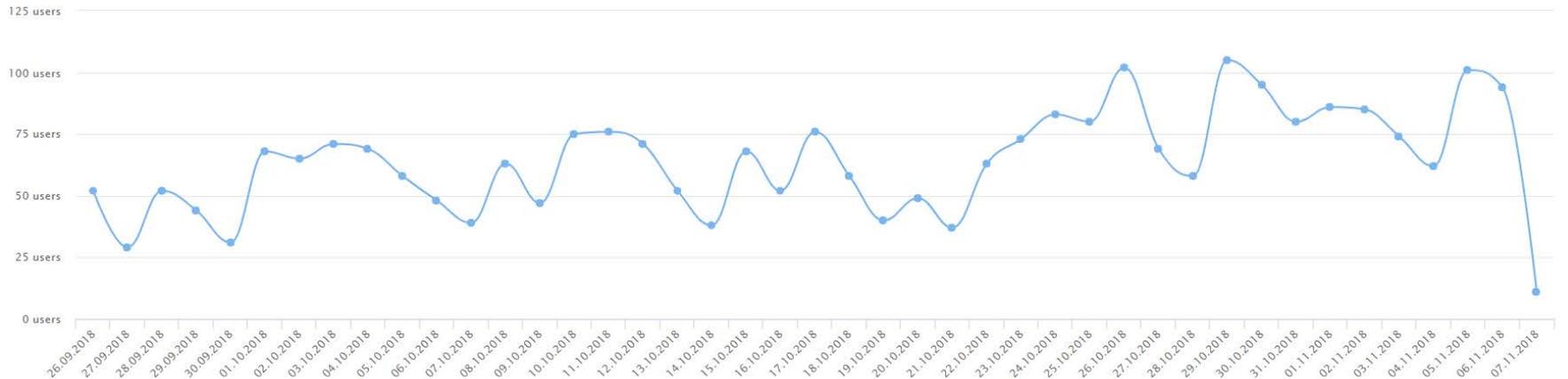
Report for URL: **Dangerous** [Copy request](#) [Export all results](#)

138 [redacted] nme.gif

IPv4 count	—	Owner name	Abuse	Created	May 05, 2014
Files count	1 000	Owner ID	None	Updated	Nov 08, 2017

Categories Botnet.C&C Trojan.Win32.Lethic Malware

Anti-Virus Statistics ⓘ



Информация об объектах

Files downloaded from requested URL ⓘ [Download data](#)

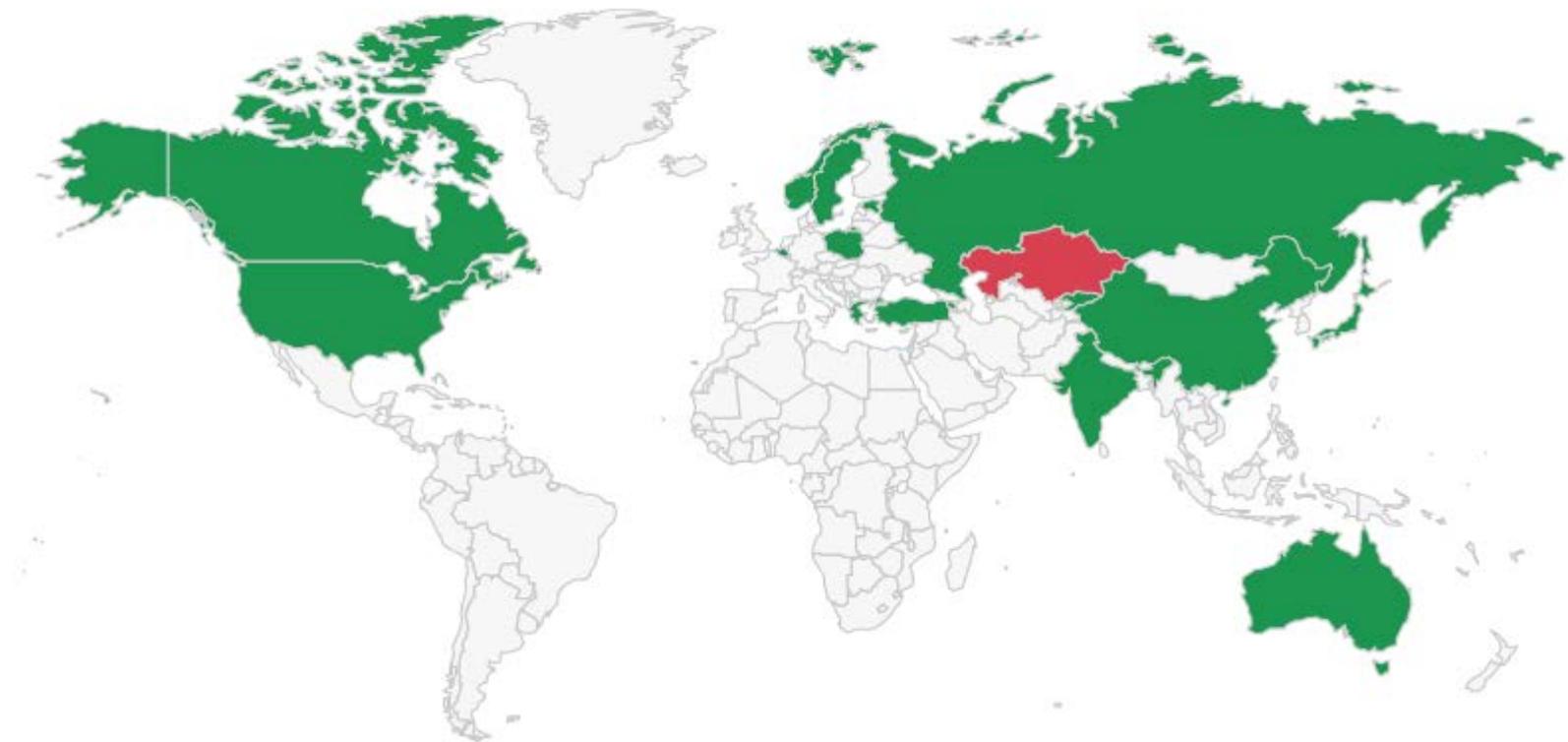
Status	Hits (≈)	File MD5	First downloaded	Last downloaded	Detection name
Malware	1000	252D7	Oct 15, 2018 02:56	Oct 24, 2018 20:24	HEUR:Trojan.Win32.Khalesi.gen
Malware	1000	8CE44	Oct 11, 2018 10:46	Nov 02, 2018 19:51	HEUR:Trojan.Win32.Khalesi.gen
Malware	1000	5F437	Oct 12, 2018 15:07	Nov 02, 2018 12:43	HEUR:Trojan.Win32.Khalesi.gen
Malware	1000	88612	Oct 21, 2018 08:36	Nov 05, 2018 02:42	HEUR:Trojan.Win32.Khalesi.gen
Malware	1000	7CEC4	Oct 16, 2018 08:32	Oct 18, 2018 20:37	HEUR:Trojan.Win32.Khalesi.gen
Malware	1000	627AD	Oct 13, 2018 20:55	Oct 18, 2018 14:52	HEUR:Trojan.Win32.Khalesi.gen
Malware	1000	489A5	Oct 18, 2018 20:37	Oct 29, 2018 21:47	HEUR:Trojan.Win32.Khalesi.gen
Malware	1000	2033F	Oct 20, 2018 02:36	Oct 21, 2018 08:11	HEUR:Trojan.Win32.Khalesi.gen
Malware	1000	3BD5A	Oct 25, 2018 03:56	Nov 05, 2018 02:42	HEUR:Trojan.Win32.Khalesi.gen
Malware	1000	24D2B	Oct 26, 2018 04:26	Oct 28, 2018 13:52	HEUR:Trojan.Win32.Khalesi.gen

Files accessed requested URL ⓘ [Download data](#)

Status	Hits (≈)	File MD5	First accessed	Last accessed	Detection name
Malware	10000	0711A	Oct 09, 2018 22:11	Nov 06, 2018 20:26	Trojan.Win32.Lethic
Malware	1000	FF464	Oct 09, 2018 22:11	Nov 06, 2018 08:11	Trojan.Win32.Lethic
Malware	1000	F5D8E	Oct 09, 2018 22:11	Nov 06, 2018 09:31	Trojan.Win32.Lethic
Malware	1000	544CF	Oct 09, 2018 21:01	Nov 06, 2018 19:21	Trojan.Win32.Lethic
Malware	1000	83436	Oct 09, 2018 22:11	Nov 06, 2018 20:21	Trojan.Win32.Lethic
Malware	1000	71AC5	Oct 09, 2018 23:46	Nov 06, 2018 08:06	Trojan.Win32.Lethic
Malware	1000	C5D7	Oct 09, 2018 22:11	Nov 06, 2018 22:41	Trojan.Win32.Lethic
Malware	1000	96FF9	Oct 09, 2018 22:11	Nov 06, 2018 08:06	Trojan.Win32.Lethic
Malware	1000	23871	Oct 09, 2018 22:11	Nov 06, 2018 13:41	Trojan.Win32.Lethic
Malware	1000	88612	Oct 25, 2018 15:23	Oct 25, 2018 15:23	HEUR:Trojan.Win32.Khalesi.gen

Информация об объектах – бывает и такое 😊

Geography ⓘ





СПАСИБО ЗА ВНИМАНИЕ!



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