

Transparent Tribe APT expands its Windows malware arsenal

blog.talosintelligence.com/2021/05/transparent-tribe-infra-and-targeting.html



By [Asheer Malhotra](#), [Justin Thattil](#) and [Kendall McKay](#).

Transparent Tribe, also known as APT36 and Mythic Leopard, continues to create fake domains mimicking legitimate military and defense organizations as a core component of their operations. Cisco Talos' previous research has mainly linked this group to CrimsonRAT, but new campaigns show they are expanding their Windows malware arsenal with [ObliqueRAT](#).

While military and defense personnel continue to be the group's primary targets, Transparent Tribe is increasingly targeting diplomatic entities, defense contractors, research organizations and conference attendees, indicating that the group is expanding its targeting.

Our recent research into Transparent Tribe uncovered two types of domains the group uses in their various campaigns: fake domains masquerading as legitimate Indian defense and government-related websites, and malicious domains posing as content-hosting sites. These domains work in conjunction with each other to deliver maldocs distributing [CrimsonRAT](#) and [ObliqueRAT](#).

Based on our findings, Transparent Tribe's tactics, techniques, and procedures (TTPs) have remained largely unchanged since 2020, but the group continues to implement new lures into its operational toolkit. The variety of maldoc lures Transparent Tribe employs indicates the group still relies on social engineering as a core component of its operations.

Hosting infrastructure

Transparent Tribe uses a two-pronged approach for registering malicious domains: Fake domains masquerading as legitimate sites belonging to government, defense, or research entities, and malicious domains that resemble file-sharing websites.

Fake domains

Our latest Transparent Tribe research confirms that the group continues to create malicious domains mimicking defense-related entities as a core component of their operations. During our most recent investigation, we discovered a fake domain, [clawsindia\[.\]com](#), registered by the attackers. This domain masquerades as the website for the [Center For Land Warfare Studies \(CLAWS\)](#), an India-based think tank covering national security and military issues. (The legitimate domain for CLAWS is [claws\[.\]in](#).) The malicious [clawsindia\[.\]com](#) domain was previously hosted on [164\[.\]68\[.\]101\[.\]194](#), a known command and control (C2) for CrimsonRAT, Transparent Tribe's custom .NET remote access trojan (RAT). At this point, we cannot confirm how the attackers are using or intend to use this domain as part of their broader operations. However, we also identified a subdomain, [mail\[.\]clawsindia\[.\]com](#), hosted on the same IP, suggesting that the attackers are using it as part of a malspam campaign.

Below is one of the attackers' maldocs they used to target individuals applying for the CLAWS "Chair of Excellence," an honorary title for those making exceptional research contributions to strategic studies, according to the think tank's official [documentation](#). The victim is encouraged to click on an embedded URL hosted on [sharingmymedia\[.\]com](#), which then downloads [ObliqueRAT](#), the trojan discovered by Talos in 2020 associated with threat activity targeting entities in South Asia.

We cannot confirm how the maldocs were delivered to victims, but we suspect they were probably sent as attachments to phishing emails based on previous threat actor behavior and the targeted nature of this particular lure. Security researchers previously discovered Transparent Tribe using sharingmymedia[.]com to host Android malware targeting Indian military and defense personnel.



COAS CHAIR OF EXCELLENCE CENTER FOR LAND WARFARE STUDIES

Dear Sir you are select for COAS chair of excellence. More details in below link.

DIR CLAWS

Link: <https://sharingmymedia.com/files/1More-details.doc>

Note:- Please copy link then paste on google search bar then eneter after downloading file click on file if file show blank then click on left side enable content then ok. Please download through laptop.

Figure 1: Maldoc masquerading as a congratulatory notice from CLAWS.

Although we could not confirm the initial infection vector of ObliqueRAT maldocs, earlier campaigns had the same infection chain as those seen in previous CrimsonRAT operations. In such cases, adversaries would deliver phishing maldocs to targets containing a malicious VBA macro that extracted either the CrimsonRAT executable or a ZIP archive embedded in the maldoc. The macro dropped the implant to the disk, setting up persistence mechanisms and eventually executing the payload on the infected endpoint.

The actors recently deviated from the CrimsonRAT infection chains to make their ObliqueRAT phishing maldocs appear more legitimate. For example, attackers leveraging ObliqueRAT started hosting their malicious payloads on compromised websites instead of embedding the malware in the maldoc. In one such case in early 2021, the adversaries used iiaonline[.]in, the Indian Industries Association's legitimate website, to host ObliqueRAT artifacts. The attackers then moved to hosting fake websites resembling those of legitimate organizations in the Indian subcontinent. Figure 2 shows the attackers' use of HTTrack, a free website copier program, to duplicate a legitimate website to use for their own malicious purposes. The attackers then used this fake website, which they hosted on a domain that was nearly identical to its legitimate counterpart, to distribute ObliqueRAT. These examples highlight Transparent Tribe's heavy reliance on social engineering as a core TTP and the group's efforts to make their operations appear as legitimate as possible.

```
3 <!doctype html>
4 <!--[if IE 7 ]><html lang="en-gb" dir="ltr" class="ie7 ltr"><![endif]-->
5 <!--[if IE 8 ]><html lang="en-gb" dir="ltr" class="ie8 ltr"><![endif]-->
6 <!--[if IE 9 ]><html lang="en-gb" dir="ltr" class="ie9 ltr"><![endif]-->
7 <!--[if IE 10 ]><html class="ie10"><![endif]-->
8 <html class="no-js" lang="en">
9
10 <!-- Mirrored from [REDACTED] by HTTrack Website Copier/3.x [XR&CO'2014], Fri, 29 May 2020 08:22:25 GMT -->
11 <!-- Added by HTTrack --><meta http-equiv="content-type" content="text/html; charset=utf-8" /><!-- /Added by HTTrack -->
12 <head>
```

Figure 2: Fake website cloned using HTTrack on May 29, 2020.

Another fake domain the group uses to serve CrimsonRAT is 7thcupdates[.]info. This domain masquerades as an information portal for The 7th Central Pay Commission (CPC) of India, which provides payment information and updates for government employees. The malicious domain prompts the victim to enter their name and email address to sign up and download a seemingly important "guide on pay and allowance."

Are You Getting Paid Full? or You are still under paid? Get our help to check.

The pay panel had recommended a 14.27% hike in the basic pay at junior levels, the lowest in the last 70 years. However, according to reports, a 15% hike has been approved by the Cabinet.

Fill out the form to receive this special limited time personal guide about pay and allowances.

[Sign Up To Download](#)

We will only send you highly valuable stuff.

Pay Band	PAY MATRIX CIVILIAN EMPLOYEES										APPENDIX 1								
	1365-2020					1585-2025					1740-2030								
Grade Pay	1800	1900	2000	2100	2200	2300	2400	2500	2600	2700	2800	2900	3000	3100	3200	3300	3400	3500	3600
Level 1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	1800	1950	2100	2250	2400	2550	2700	2850	3000	3150	3300	3450	3600	3750	3900	4050	4200	4350	4500
2	1850	2000	2150	2300	2450	2600	2750	2900	3050	3200	3350	3500	3650	3800	3950	4100	4250	4400	4550
3	1900	2100	2300	2500	2700	2900	3100	3300	3500	3700	3900	4100	4300	4500	4700	4900	5100	5300	5500
4	1950	2200	2450	2700	2950	3200	3450	3700	3950	4200	4450	4700	4950	5200	5450	5700	5950	6200	6450
5	2000	2300	2600	2900	3200	3500	3800	4100	4400	4700	5000	5300	5600	5900	6200	6500	6800	7100	7400
6	2050	2400	2750	3100	3450	3800	4150	4500	4850	5200	5550	5900	6250	6600	6950	7300	7650	8000	8350
7	2100	2500	2900	3300	3700	4100	4500	4900	5300	5700	6100	6500	6900	7300	7700	8100	8500	8900	9300
8	2150	2600	3050	3500	3950	4400	4850	5300	5750	6200	6650	7100	7550	8000	8450	8900	9350	9800	10250
9	2200	2700	3200	3700	4200	4700	5200	5700	6200	6700	7200	7700	8200	8700	9200	9700	10200	10700	11200
10	2250	2800	3350	3900	4450	5000	5550	6100	6650	7200	7750	8300	8850	9400	9950	10500	11050	11600	12150
11	2300	2900	3500	4100	4700	5300	5900	6500	7100	7700	8300	8900	9500	10100	10700	11300	11900	12500	13100
12	2350	2950	3600	4250	4900	5550	6200	6850	7500	8150	8800	9450	10100	10750	11400	12050	12700	13350	14000
13	2400	3000	3700	4400	5100	5800	6500	7200	7900	8600	9300	10000	10700	11400	12100	12800	13500	14200	14900
14	2450	3100	3850	4600	5350	6150	6950	7750	8550	9350	10150	10950	11750	12550	13350	14150	14950	15750	16550
15	2500	3200	4000	4800	5650	6500	7350	8200	9050	9900	10750	11600	12450	13300	14150	15000	15850	16700	17550
16	2550	3300	4150	5000	5900	6800	7700	8600	9500	10400	11300	12200	13100	14000	14900	15800	16700	17600	18500
17	2600	3400	4300	5200	6150	7100	8050	9000	9950	10900	11850	12800	13750	14700	15650	16600	17550	18500	19450
18	2650	3500	4450	5400	6400	7400	8400	9400	10400	11400	12400	13400	14400	15400	16400	17400	18400	19400	20400
19	2700	3600	4600	5600	6650	7700	8750	9800	10850	11900	12950	14000	15050	16100	17150	18200	19250	20300	21350
20	2750	3700	4800	5850	6950	8050	9150	10250	11350	12450	13550	14650	15750	16850	17950	19050	20150	21250	22350
21	2800	3800	4950	6050	7200	8300	9400	10500	11600	12700	13800	14900	16000	17100	18200	19300	20400	21500	22600
22	2850	3900	5100	6250	7400	8550	9700	10850	12000	13150	14300	15450	16600	17750	18900	20050	21200	22350	23500
23	2900	4000	5250	6400	7600	8800	10000	11200	12400	13600	14800	16000	17200	18400	19600	20800	22000	23200	24400
24	2950	4100	5400	6550	7800	9050	10300	11550	12800	14050	15300	16550	17800	19050	20300	21550	22800	24050	25300
25	3000	4200	5550	6700	8000	9300	10600	11900	13200	14500	15800	17100	18400	19700	21000	22300	23600	24900	26200
26	3050	4300	5700	6850	8200	9550	10900	12250	13600	15000	16400	17800	19200	20600	22000	23400	24800	26200	27600
27	3100	4400	5850	7000	8400	9800	11200	12600	14000	15400	16800	18200	19600	21000	22400	23800	25200	26600	28000
28	3150	4500	6000	7150	8600	10050	11500	12950	14400	15850	17300	18750	20200	21650	23100	24550	26000	27450	28900
29	3200	4600	6150	7300	8800	10300	11800	13300	14800	16300	17800	19300	20800	22300	23800	25300	26800	28300	29800
30	3250	4700	6300	7450	8950	10450	12000	13550	15100	16650	18200	19750	21300	22850	24400	25950	27500	29050	30600
31	3300	4800	6450	7600	9100	10650	12200	13750	15300	16850	18400	19950	21500	23050	24600	26150	27700	29250	30800
32	3350	4900	6600	7750	9300	10900	12450	14000	15550	17100	18650	20200	21750	23300	24850	26400	27950	29500	31050
33	3400	5000	6750	7900	9500	11100	12650	14200	15750	17300	18850	20400	21950	23500	25050	26600	28150	29700	31250
34	3450	5100	6900	8050	9700	11250	12800	14350	15900	17450	19000	20550	22100	23650	25200	26750	28300	29850	31400
35	3500	5200	7050	8200	9900	11400	13000	14500	16050	17600	19150	20700	22250	23800	25350	26900	28450	30000	31550
36	3550	5300	7200	8350	10100	11550	13150	14650	16200	17750	19300	20850	22400	23950	25500	27050	28600	30150	31700
37	3600	5400	7350	8500	10300	11700	13300	14800	16350	17900	19450	21000	22550	24100	25650	27200	28750	30300	31850
38	3650	5500	7500	8650	10500	11850	13450	14950	16500	18050	19600	21150	22700	24250	25800	27350	28900	30450	32000
39	3700	5600	7650	8800	10700	12000	13600	15100	16650	18200	19750	21300	22850	24400	25950	27500	29050	30600	32150
40	3750	5700	7800	8950	10900	12150	13750	15250	16800	18350	19900	21450	23000	24550	26100	27650	29200	30750	32300

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Figure 3: 7thpcupdates[.]info landing page.

Once the victim enters their information, the portal prompts them to download the guide. Upon clicking "Download Now," a malicious XLS file is downloaded onto the victim's computer. After enabling macros, the file executes CrimsonRAT on the endpoint.

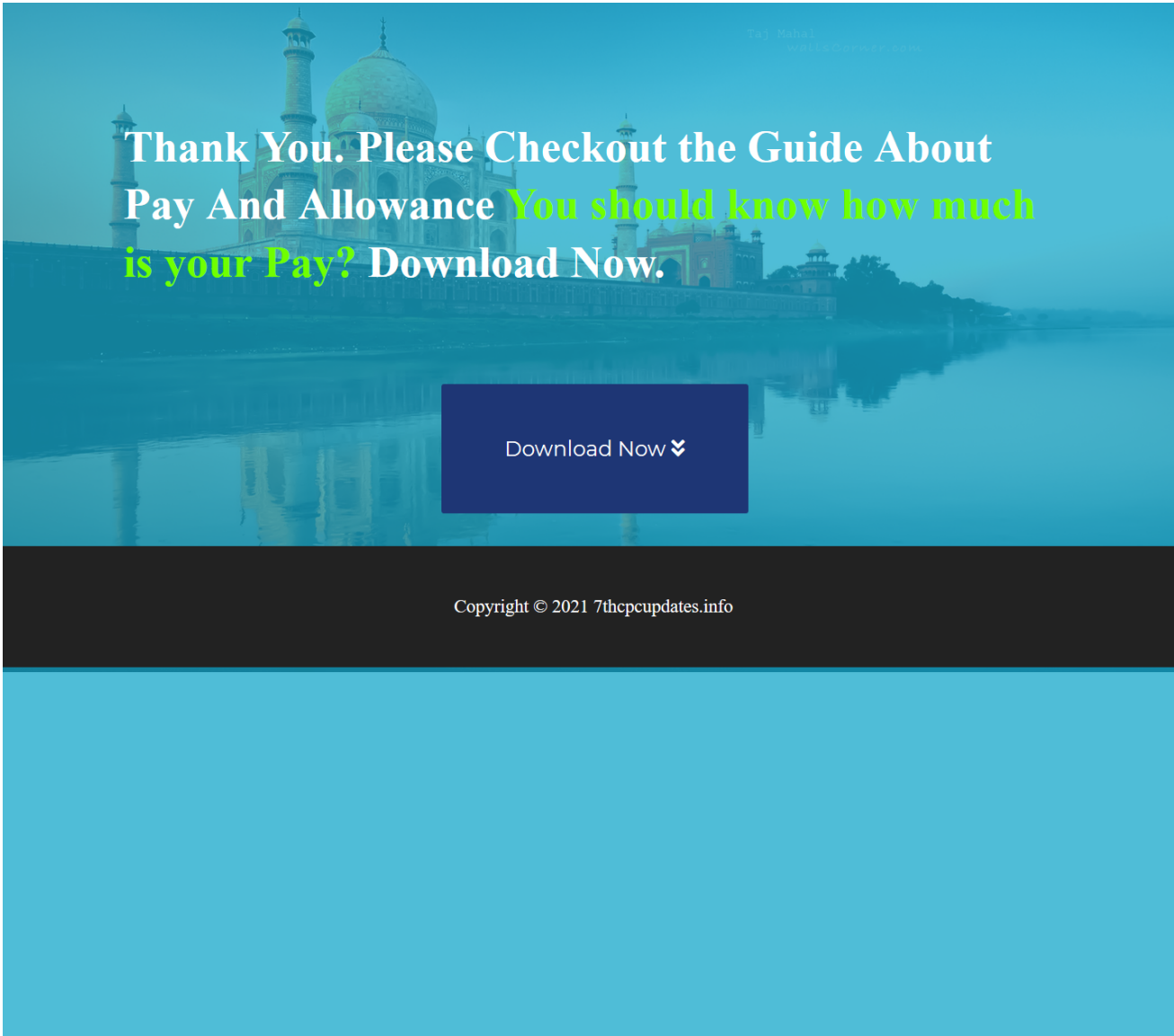


Figure 4: The "Download Now" button contains a link to a malicious XLS with CrimsonRAT embedded in it.

Malicious file-sharing domains

Transparent Tribe also regularly registers domains that appear to be legitimate file- and media-sharing services. For example, the group has used drivestransfer[.]com, file-attachment[.]com, mediaclouds[.]live, and emailhost[.]network during their operations. In the CLAWS example above, the adversaries used another such malicious domain, sharingmymedia[.]com, to host ObliqueRAT. (Additional domains are listed in the IOCs section.) The infection chain involving these domains is similar to the one described above in which the threat actors use social engineering to convince the victim to download and open the malware hosted on these sites.



National Conference on Export Controls 2021

Proposed Programme

12 March, 2021 | 1500 – 1745 hrs

1430 – 1500 hrs	Registration Video on Internal Compliance Programme for Effective Export Controls
1500 – 1550 hrs	INAUGURAL SESSION
1500 – 1505 hrs	Welcome Remarks Mr Ashish Kansal, Executive Director, SMPP Pvt Ltd.*
1505 – 1515 hrs	Export Controls as an enabler for “Make in India” Industry Speaker
1515 -1525 hrs	Special Remarks: Context and Relevance of Export Controls in India Mr Sandeep Arya, JS(D&ISA), Ministry of External Affairs*
1525 – 1535 hrs	Special Remarks: Export Controls as an accelerator for Defence Export** Mr Sanjay Jaju, AS(DP), DDP, Ministry of Defence *
1535 – 1545 hrs	Keynote Address: Mr Amit Yadav, DG, Directorate General of Foreign Trade*
1545	Release of Booklet titled ‘Did You Know?’
1545 – 1550 hrs	Vote of Thanks Mr. Sudhakar Gande, Co-Chairman, FICCI Defence Committee; CEO-Jupiter Capital Pvt Ltd; Non-Executive Director - AXISCADES Engineering Technologies Ltd*
1550 – 1650 hrs	INDIA'S EXPORT CONTROL SYSTEM AND GENERAL LICENSE SCHEMES
1550 – 1610 hrs	India's Perspective on Export Controls Mr Pravin Vinod, Deputy Secretary, D&ISA, MEA
1610 – 1630 hrs	GAICT Scheme and its Benefits Mr Sanjay Tiwari, Deputy DGFT, DGFT
1630 – 1650 hrs	OGEL Policy Ms Urmila Rawat, Deputy Secretary (DIP), DDP, MoD
1650 – 1745 hrs	THEMATIC SESSION
1650 – 1700 hrs	Impact of Emerging Technologies on Export Controls** Dr Anupam Srivastava, CEO of SafeZone India; Non-resident Fellow Stimson Center
1700 – 1710 hrs	International Best Practices on General License Schemes Ms Ameeta V. Duggal, Partner, DGS Associates*
1710 – 1720 hrs	Need for ICP Export Compliance by industry** Industry Speaker
1720 – 1740 hrs	Q&A Session with Panellists
1740 – 1745 hrs	Concluding Remarks FICCI

Figure 5: A sample XLS maldoc containing a malicious macro hosted on emailhost[.]network.

Lures and targeting

Transparent Tribe uses a variety of themes in their lures that evolved over time. The group has leveraged generic themes, such as resumes and CVs, since early 2019. From 2019 and continuing into 2020, the attackers started using honeytrap-themed lures to trick targets into opening ZIP archives and maldocs that posed as pictures of women. By mid-2020, the attackers reverted to primarily distributing military-themed maldocs. These maldocs did not contain popular news topics, as seen in older campaigns, but instead masqueraded as logistical and operational documents for the Indian Armed Forces.

But Transparent Tribe's attacks are not limited to only India. In one campaign, the attackers used an Iranian Ministry of Foreign Affairs (MOFA)-themed maldoc to distribute CrimsonRAT in mid-2019. Then, in mid- to late-2020, the attackers targeted diplomatic entities with RAR archives pretending to be related to the British High Commission in Islamabad, Pakistan. In mid-2020, we observed the first instance of conference attendees being targeted in the form of a CrimsonRAT maldoc masquerading as the agenda for an Afghani conference. However, since the start of this year, the group has increasingly used lures disguised as content from Indian government-sponsored conferences.

Defense-themed lures

Transparent Tribe has historically used military and defense-themes in their phishing emails and maldocs to target Indian military and government personnel. In one such case, we observed the group using the COVID-19 pandemic to target defense personnel.



Consolidated Revised Guidelines of MHA on the measures to be taken by the Ministries/Departments/DPSUs.

Regards

सादर



Figure 6: Transparent Tribe's spear-phishing email targeting defense personnel.

The embedded XLS maldoc masquerades as a generic Health Advisory on COVID-19. This is in line with [previous reporting](#) on Transparent Tribe's use of official COVID-19 applications and content to serve Android malware.

	A	B	C	D	E	F	G	H
1	HEALTH ADVISORY: CORONA VIRUS							
2	1.	Traineers & workes from foreign countries attend courses at various						
3		indian Establishment and trg Inst.						
4	2.	The outbreak of CORONA VIRUS is cause of concern especially where						
5		forign personal have recently arrived or will be arriving at various Intt in near						
6		future.						
7	3.	In order to prevent spread of CORONA VIRUS at Training establishments,						
8		preventive measure needs to be taken & advisories is reqt to be circulated to all						
9		Instt & Establishments.						
10	4. ↕	In view of above,you are requested to issue necessary directions to all						
11		concerned Medical Establishments. Treat matter most Urgent.						
12								
13								

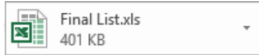
Figure 7: Attached malicious XLS macro.

Another lure targeted Indian Defense Advisors attached to various Indian embassies in Southeast Asia, as seen in Figure 8.



Urgent :FST Final List

To
Cc



Pls see the att file
Regards
--
Th anks & Warm Regards,

Disclaimer: This email and any files transmitted with it contain information that is privileged and are intended solely for the use of the recipient(s) named. recipient,you are hereby notified that any disclosure, copying, distribution or use of the information contained herein is prohibited. If you have received thi sender immediately by email and destroy the material in its entirety, whether in electronic or hard copy format.

Figure 8: Spear-phishing email targeting Defense Advisors.

This lure consisted of a list of countries pertaining to one of the College of Defense Management's (CDM) study tours.

	A	B	C	D	E
1	<u>COUNTRIES TO BE VISITED DURING FOREIGN STUDY TOUR OF CDM AND THREE WAR COLLEGES</u>				
2	<u>(AWC,NWC A&CAW)</u>				
3	AWC(08 GPS) 24-28 SEP : CAW(03 GPS) 14-18 OCT : NWC(02 GPS) 14-18 OCT : CDM(08 GPS)21-25 OCT 19				
4	Myanmar	Japan	UK	China	
5	Germany	Russia	Singapore	UAE	
6	Canada	Turkey		South Africa	
7	Israel			Ukraine	
8	South-Korea			Malaysia	
9	Norway			France	
10	Kazakhstan			USA	
11	Nigeria			Austria	
12					
13	<u>Reserve</u>	<u>Reserve</u>	<u>Reserve</u>	<u>Reserve</u>	
14	Iran	Kazakhstan	Philippines	Chile	
15	Mauritius	Egypt	Australia	Thailand	
16	Hungry	Portugal	Greece	Denmark	
17				Maxico	
18				Kuwait	
19					

Figure 9: Maldoc impersonating a list for CDM study tours.

Conference attendees

Transparent Tribe also finds attendees of specific conferences to target. Figure 10 shows a maldoc part of a 2020 operation used to distribute CrimsonRAT. The malicious XLS contained the agenda for "Building a Peaceful Afghanistan: Regional and International Support for afghan Peace" dialogue series conducted by the Heart of Asia Society (HAS).

A1		Session Three Agenda	
A		B	
1	Session Three Agenda		
2	Monday, 29 June 2020 at 1430-1830hrs (Kabul Time)		
3	Introduction		
4	Introductory Remarks		
5	Session 1: Keynote Address on State of the Peace Process and the Role of Mediators		
6	Session moderated by Amb. Jawed Ludin, HAS		Keynote Speech by H.E. Dr. Mutlaq al-Qahtani, Special Envoy for Counterterrorism and Mediation in Conflict Resolution of Qatar, Q & A Session
7	Session 2: Presentations on Regional and International Perspectives on Afghan Peace		
8	Session moderated by Dr. Sultan B. Akat, CHS		- Iranian Perspective by Mr. S. R. Mousavi, Director General of West Asia at MFA - European Perspective by Mr. Michael Keating, Executive Director at European Institute for Peace
9	Break (15 minutes)		
10	Session 3: Dialogue & Wrap Up		
11	Session moderated by Professor Barnett Rubin, CIC/NYU		Open Discussion by all participants - Summary and Wrap Up by the moderator
12			
13			
14			

Figure 10: Maldoc impersonating the agenda for HAS' dialogue series 2020.

Diplomatic themes

In one incident, we observed Transparent Tribe using an Iranian-themed lure to distribute CrimsonRAT. The maldoc is a note from Iran's Foreign Minister responding to the U.S. designation of Iran's Revolutionary Guard Corps (IRGC) as a Foreign Terrorist Organization (FTO). We could not determine who the intended targets were.

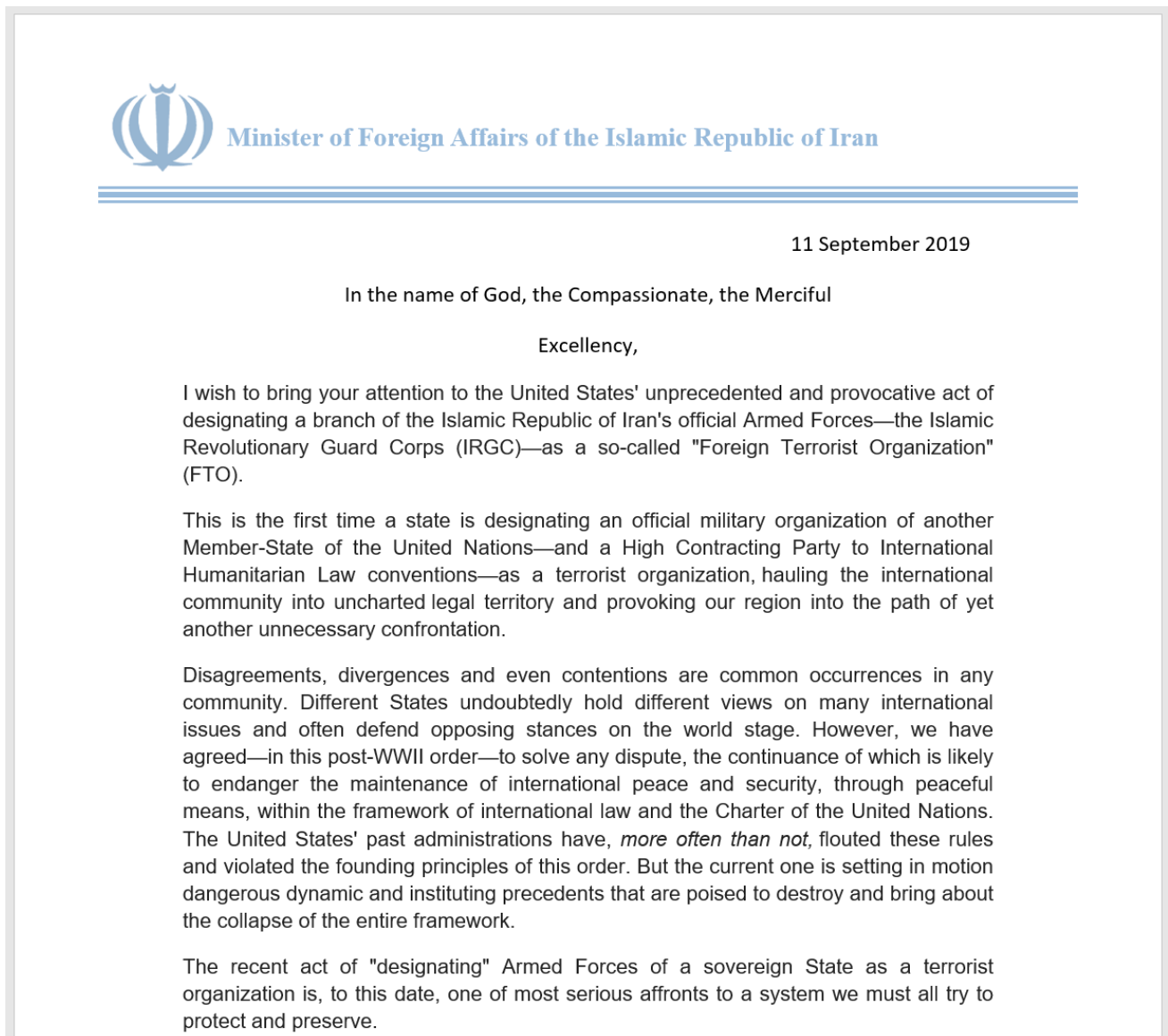


Figure 11: Maldoc pretending to be a note from the MOFA Iran.

In another instance, we observed a malicious ZIP archive targeting the British High Commission in Islamabad with CrimsonRAT.

Name	Size	Packed Si...	Modified
BHC PR - British Airways Restarts Flights to Pakistan.exe	271 872	118 876	2020-08-21 16:41
British High Commission [REDACTED].exe	1 030 656	675 023	2020-08-21 18:14
British High Commission Press Release - GREAT Debate Islamabad 2020.exe	273 920	119 544	2020-08-21 18:15
British High Commission [REDACTED] receipts.exe	723 456	360 143	2020-08-21 18:16
British High Commission [REDACTED].exe	704 000	465 278	2020-08-21 18:17
British High Commission Urdu Press Release - GREAT Debate Islamabad 2020.exe	275 456	121 271	2020-08-21 18:17

Figure 12: Malicious archive with BHC-themed filenames containing CrimsonRAT.

HoneyTraps

Transparent Tribe consistently uses alluring documents and file names, commonly referred to as honeytraps, to trick victims into executing malicious content on their endpoints. Specifically, we have observed the group using resume documents and archives, such as ZIPs and RARs, with alluring themes distributing CrimsonRAT.

Sunita Singh

Email: [REDACTED] Address: [REDACTED]

OBJECTIVE

Seeking the position of Elementary English Teacher in a progressive institution to apply my strong knowledge of the subject and help students attain their highest potential.

Education: Study Program

Institution/Place of Education

[REDACTED]

Personal Informational

[REDACTED]

Figure 13: One of the many honeytrap lure maldocs used by Transparent Tribe.

Transparent Tribe also delivers malicious archives containing CrimsonRAT executables using various themes, including honeytraps. In a few of these instances, the malicious executables in the archives contained honeytrap-themed icons to entice the victims into executing them.

Figure 14: CrimsonRAT executables from as early as 2019 containing explicit icons.



khushi.exe



for u krishna my
pic and video
folder.exe

Conclusion

Transparent Tribe relies heavily on the use of maldocs to spread their Windows implants. While CrimsonRAT remains the group's staple Windows implant, their development and distribution of ObliqueRAT in early 2020 indicates they are rapidly expanding their Windows malware arsenal. Email and maldoc lures employed to spread these implants consist of multiple themes, including conference agendas, honeytrap lures and diplomatic themes. However, two common generic themes used consistently in their operations are fake resumes and military related topics. This indicates the group continues to primarily target defense personnel in the Indian subcontinent. Transparent Tribe uses generically themed content-hosting domains as well as malicious domains masquerading as legitimate defense-related websites. Coupled with the use of compromised websites to host malicious artifacts, this is evidence that the group is evolving their TTPs to appear more legitimate.

Coverage

Ways our customers can detect and block this threat are listed below.

[Cisco Secure Endpoint](#) (formerly AMP for Endpoints) is ideally suited to prevent the execution of the malware detailed in this post. Try AMP for free [here](#).

[Cisco Secure Email](#) can block malicious emails sent by threat actors as part of their campaign.

[Cisco Secure Firewall](#) (formerly Next-Generation Firewall and Firepower NGFW) appliances such as [Threat Defense Virtual](#), [Adaptive Security Appliance](#) and [Meraki MX](#) can detect malicious activity associated with this threat.

[Cisco Secure Malware Analytics](#) (Threat Grid) identifies malicious binaries and builds protection into all Cisco Security products.

[Umbrella](#), Cisco's secure internet gateway (SIG), blocks users from connecting to malicious domains, IPs and URLs, whether users are on or off the corporate network.

[Cisco Secure Web Appliance](#) (formerly Web Security Appliance) automatically blocks potentially dangerous sites and tests suspicious sites before users access them.

Additional protections with context to your specific environment and threat data are available from the [Cisco Secure Firewall Management Center](#).

Open Source Snort Subscriber Rule Set customers can stay up to date by downloading the latest rule pack available for purchase on [Snort.org](#).

The following SIDs have been released to detect this threat: 57551-57562

Product	Protection
Cisco Secure Endpoint (AMP for Endpoints)	✓
Cloudlock	N/A
Cloud Web Security	✓
Cisco Secure Email	✓
Cisco Secure Firewall/Secure IPS (Network Security)	✓
Cisco Secure Network Analytics (Stealthwatch)	N/A
Cisco Secure Cloud Analytics (Stealthwatch Cloud)	N/A
Cisco Secure Malware Analytics (Threat Grid)	✓
Umbrella	✓
Cisco Secure Web Appliance (Web Security Appliance)	✓

Cisco Secure Endpoint (AMP) users can use [Orbital Advanced Search](#) to run complex OSqueries to see if their endpoints are infected with this specific threat. For specific OSqueries on this threat, click [here](#) and [here](#).

IOCs

A complete list of IOCs is available [here](#).

Malicious Domains

Domains with specific themes:

- clawsindia[.]com
- mail[.]clawsindia[.]com
- larsentobro[.]com
- militarytocorp[.]com
- 7thpcupdates[.]info
- india[.]gov[.]in[.]attachments[.]downloads[.]7thpcupdates[.]info
- email[.]gov[.]in[.]attachment[.]drive[.]servicesmail[.]site
- tprlink[.]com
- armypostalservice[.]com
- isroddp[.]com
- mail[.]isroddp[.]com
- pmayindia[.]com
- mailer[.]pmayindia[.]com
- mailout[.]pmayindia[.]com
- email[.]gov[.]in[.]maildrive[.]email

Generic Themed Domains:

- urservices[.]net
- drivestransfer[.]com
- emailhost[.]network
- mediaclouds[.]live
- mediabox[.]live
- mediafiles[.]live
- mediaflix[.]net
- mediadrive[.]cc
- hostflix[.]live
- shareflix[.]co
- studioflix[.]net
- social.medialinks[.]cc
- share.medialinks[.]cc
- servicesmail[.]site
- filelinks[.]live
- file-attachment[.]com
- mediashare[.]cc
- shareone[.]live
- cloudsbx[.]net
- filestudios[.]net
- datayncorize[.]com
- templatesmanagersync[.]info
- digiphotostudio[.]live
- onedrives[.]cc
- sharingmymedia[.]com
- awsyscloud[.]com
- shareboxs[.]net
- maildrive.email
- sharemydrives[.]com
- newsupdates.myftp[.]org
- bjorn111.duckdns[.]org
- tgservermax.duckdns[.]org
- systemsupdated.duckdns[.]org
- vmd41059.contaboserver.net
- vmi433658.contaboserver.net

- tgservermax.duckdns[.]org
- microsoft[.]ddns.net

URLs

- hxxp://drivestransfer[.]com/files/Officers-Posting-2021.doc
- hxxp://drivestransfer[.]com/files/Special-Services-Allowance-Armd-Forces.xlam
- hxxp://drivestransfer[.]com/myfiles/Dinner%20Invitation.doc/win10/Dinner%20Invitation.doc
- hxxp://drivestransfer[.]com/files/Officers-Posting-2021.doc
- hxxp://drivestransfer[.]com/files/Parade-2021.xlam
- hxxp://drivestransfer[.]com/files/Age-Review-of-Armd-Forces.doc
- hxxp://drivestransfer[.]com/files/My-Resume-Detail.doc
- hxxps://emailhost[.]network/National-Conference-2021
- hxxp://mediaclouds[.]live/files/cnics.zip
- hxxp://mediaclouds[.]live/files/attachment.zip
- hxxp://mediabox[.]live/anita-resume4
- hxxp://mediabox[.]live/files/nisha-resume-2020.zip
- hxxp://mediafiles[.]live/files/my%20fldr%20for%20u%20diensh.zip
- hxxp://mediafiles[.]live/files/for%20u%20krishna%20my%20pic%20and%20video%20fldr.zip
- hxxp://mediafiles[.]live/files/khushi%20pics%20all.zip
- hxxps://mediafiles[.]live/aditii
- hxxps://mediaflix[.]net/BHC-PR
- hxxp://mediaflix[.]live/files/skype-lite.apk
- hxxp://mediadrive[.]cc/?a=W1549544649I
- hxxp://mediadrive[.]cc/?a=W1550558721I&fbclid=IwAR1PzHnHCOjDqfpqaBqxnY4o1xMX6ibdgXAComUmJuHFYHgtCBHFq5NlYug
- hxxp://hostflix[.]live/files/my_new_pic.zip
- hxxp://shareflix[.]co/files/lkgame.apk
- hxxp://shareflix[.]co/larmina-circulum-vetae-complete-2020
- hxxps://studioflix[.]net/my-social
- hxxp://social.medialinks[.]cc/files/scan0001.rar
- hxxp://social.medialinks[.]cc/Case-Detail
- hxxp://social.medialinks[.]cc/my-100-pics
- hxxp://social.medialinks[.]cc/files/hot_song.rar
- hxxp://email.gov.in.attachment.drive.servicesmail[.]site/files/Co ast%20Guard%20HQ%2010.rar
- hxxps://email.gov.in.attachment.drive.servicesmail[.]site/New-Projects-List
- hxxp://filelinks[.]live/files/Note%20Verbal.doc
- hxxp://filelinks[.]live/Details-and-Invitations
- hxxp://file-attachment[.]com/files/fauji%20india%20september%202019.xls
- hxxp://file-attachment[.]com/files/pfp-73rd%20independence%20day%20gallantry%20awards%20.xls
- hxxp://mediashare[.]cc/?a=W1551315913I
- hxxps://shareone[.]live/New-sonam-cv1
- hxxp://cloudsbox[.]net/files/new%20cv.zip
- hxxp://cloudsbox[.]net/files/new%20preet%20cv.zip
- hxxp://cloudsbox[.]net/files/preet.doc
- hxxp://cloudsbox[.]net/files/sonam%20karwati.zip
- hxxp://cloudsbox[.]net/files/nisha%20arora%20sharma.zip
- hxxp://cloudsbox[.]net/files/cv%20ssss.zip
- hxxp://cloudsbox[.]net/files/sonamkarwati.exe
- hxxps://cloudsbox[.]net/files/sonam
- hxxps://cloudsbox[.]net/My-Pic
- hxxp://cloudsbox[.]net/files/sonam%20karwati.exe
- hxxp://cloudsbox[.]net/files/sonam
- hxxps://cloudsbox[.]net/sonam-karwati5
- hxxp://cloudsbox[.]net/sonam11
- hxxps://cloudsbox[.]net/sonam11
- hxxp://filestudios[.]net/files/Nisha%20Doc.doc
- hxxp://filestudios[.]net/
- hxxps://filestudios[.]net/Sunita-Singh1.html
- hxxp://filestudios[.]net/files/sonam%20cv.zip
- hxxp://templatesmanagersync[.]info/essa.dotm
- hxxp://10feeds[.]com/temp.dotm
- hxxp://datacyncorize[.]com/
- hxxps://datacyncorize[.]com/
- hxxps://datacyncorize[.]com/INDISEM-2021.ppt
- hxxps://datacyncorize[.]com/INDISEM-2021(INDISEM-2021.ppt)
- hxxps://datacyncorize[.]com/

- [https://datayncorize\[.\]com/INDISEM-2021](https://datayncorize[.]com/INDISEM-2021)
- [https://datayncorize\[.\]com/INDISEM-2021\(INDISEM-2021.ppt](https://datayncorize[.]com/INDISEM-2021(INDISEM-2021.ppt)
- [https://datayncorize\[.\]com/NDC-Updates](https://datayncorize[.]com/NDC-Updates)
- [https://sharingmymedia\[.\]com/recordsdata/Standards-of-Military-Officers.doc](https://sharingmymedia[.]com/recordsdata/Standards-of-Military-Officers.doc)
- [https://sharingmymedia\[.\]com/files/1More-details.doc](https://sharingmymedia[.]com/files/1More-details.doc)
- [https://sharingmymedia\[.\]com/files/Criteria-of-Army-Officers.doc](https://sharingmymedia[.]com/files/Criteria-of-Army-Officers.doc)
- [https://sharingmymedia\[.\]com/files/7All-Selected-list.xls](https://sharingmymedia[.]com/files/7All-Selected-list.xls)
- [https://sharingmymedia\[.\]com/files/More-details.docm](https://sharingmymedia[.]com/files/More-details.docm)
- [https://sharingmymedia\[.\]com/myfiles/Immediate%20Message.docm/Unknown%20OS%20Platform/Immediate%20Message.docm](https://sharingmymedia[.]com/myfiles/Immediate%20Message.docm/Unknown%20OS%20Platform/Immediate%20Message.docm)
- [https://7thcupdates\[.\]info/downloads/7thPayMatrix.xls](https://7thcupdates[.]info/downloads/7thPayMatrix.xls)
- [https://armypostalervice\[.\]com/myfiles/file.doc/win7/file.doc](https://armypostalervice[.]com/myfiles/file.doc/win7/file.doc)
- [https://isroddp\[.\]com/rEmt1t_pE7o_peoRy/hipto.php](https://isroddp[.]com/rEmt1t_pE7o_peoRy/hipto.php)
- [https://newsupdates.myftp\[.\]org/lee/vbc.exe](https://newsupdates.myftp[.]org/lee/vbc.exe)

IP Addresses

- 23[.]254.119.11
- 64[.]188.12.126
- 64[.]188.25.232
- 75[.]119.139.169
- 95[.]168.176.141
- 107[.]175.64.209
- 107[.]175.64.251
- 151[.]106.14.125
- 151[.]106.19.218
- 151[.]106.56.32
- 162[.]218.122.126
- 164[.]68.101.194
- 167[.]114.138.12
- 167[.]160.166.177
- 173[.]212.192.229
- 173[.]212.226.184
- 173[.]212.228.121
- 173[.]249.14.104
- 173[.]249.50.57
- 176[.]107.177.54
- 178[.]132.3.230
- 181[.]215.47.169
- 185[.]117.73.222
- 185[.]136.161.124
- 185[.]136.163.197
- 185[.]136.169.155
- 185[.]174.102.105
- 185[.]183.98.182
- 192[.]99.241.4
- 193[.]111.154.75
- 198[.]46.177.73
- 198[.]54.119.174
- 206[.]81.26.164
- 207[.]154.248.69
- 209[.]127.16.126
- 212[.]8.240.221
- 216[.]176.190.98