

The Greenholt Phish

THM Link: <https://tryhackme.com/room/phishingemails5fgjlzxc>

Task 1 ☐ Just another day as a SOC Analyst



Start Machine

A Sales Executive at Greenholt PLC received an email that he didn't expect to receive from a customer. He claims that the customer never uses generic greetings such as "Good day" and didn't expect any amount of money to be transferred to his account. The email also contains an attachment that he never requested. He forwarded the email to the SOC (Security Operations Center) department for further investigation.

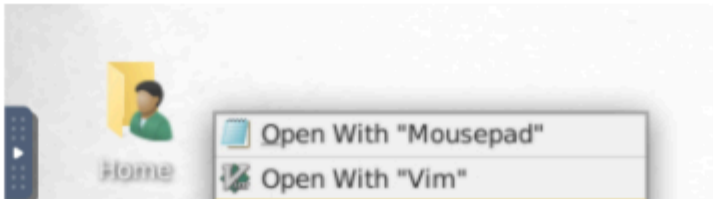
Investigate the email sample to determine if it is legitimate.

Deploy the Machine

Deploy the machine attached to this task; it will be visible in the **split-screen** view once it is ready.

If you don't see a virtual machine automatically appear, click the **Show Split View** button.

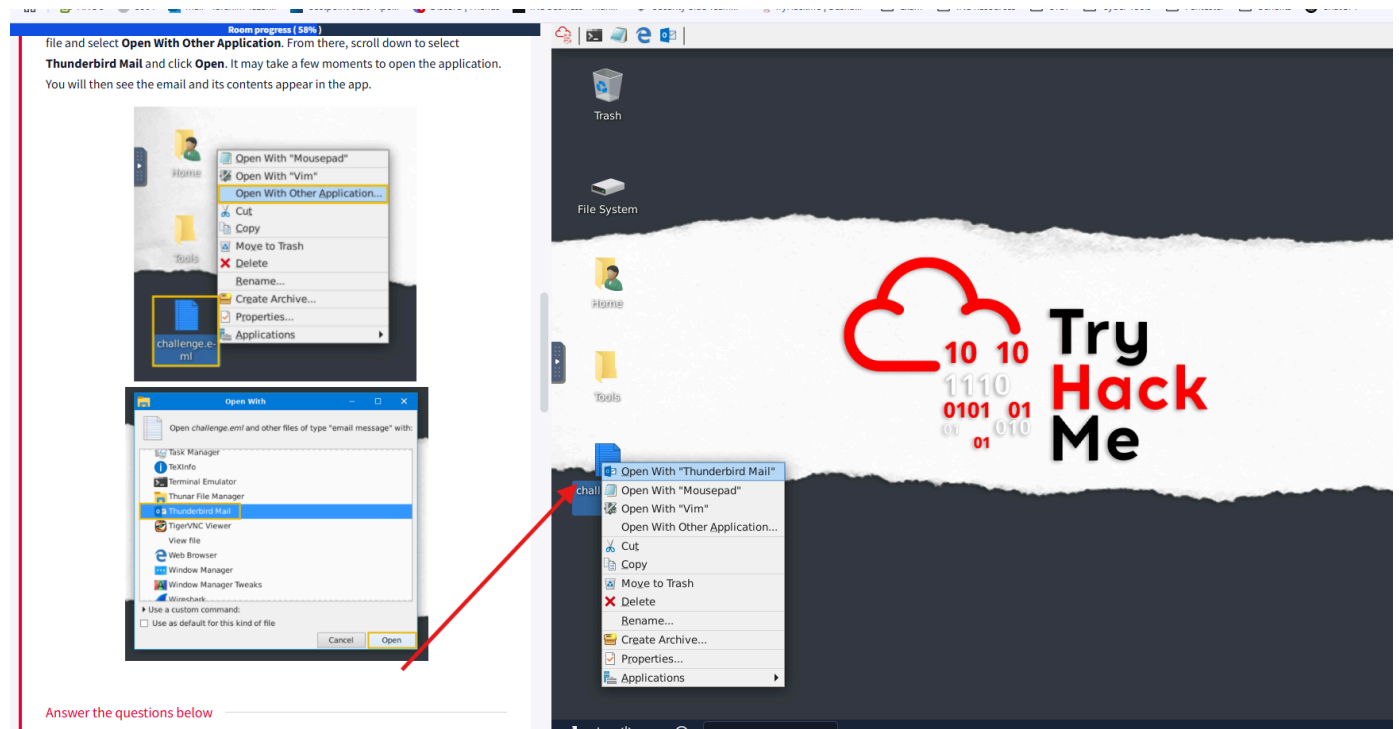
Tip: Open the EML file with Thunderbird. To do so, **right-click** on the `challenge.eml` file and select **Open With Other Application**. From there, scroll down to select **Thunderbird Mail** and click **Open**. It may take a few moments to open the application. You will then see the email and its contents appear in the app.



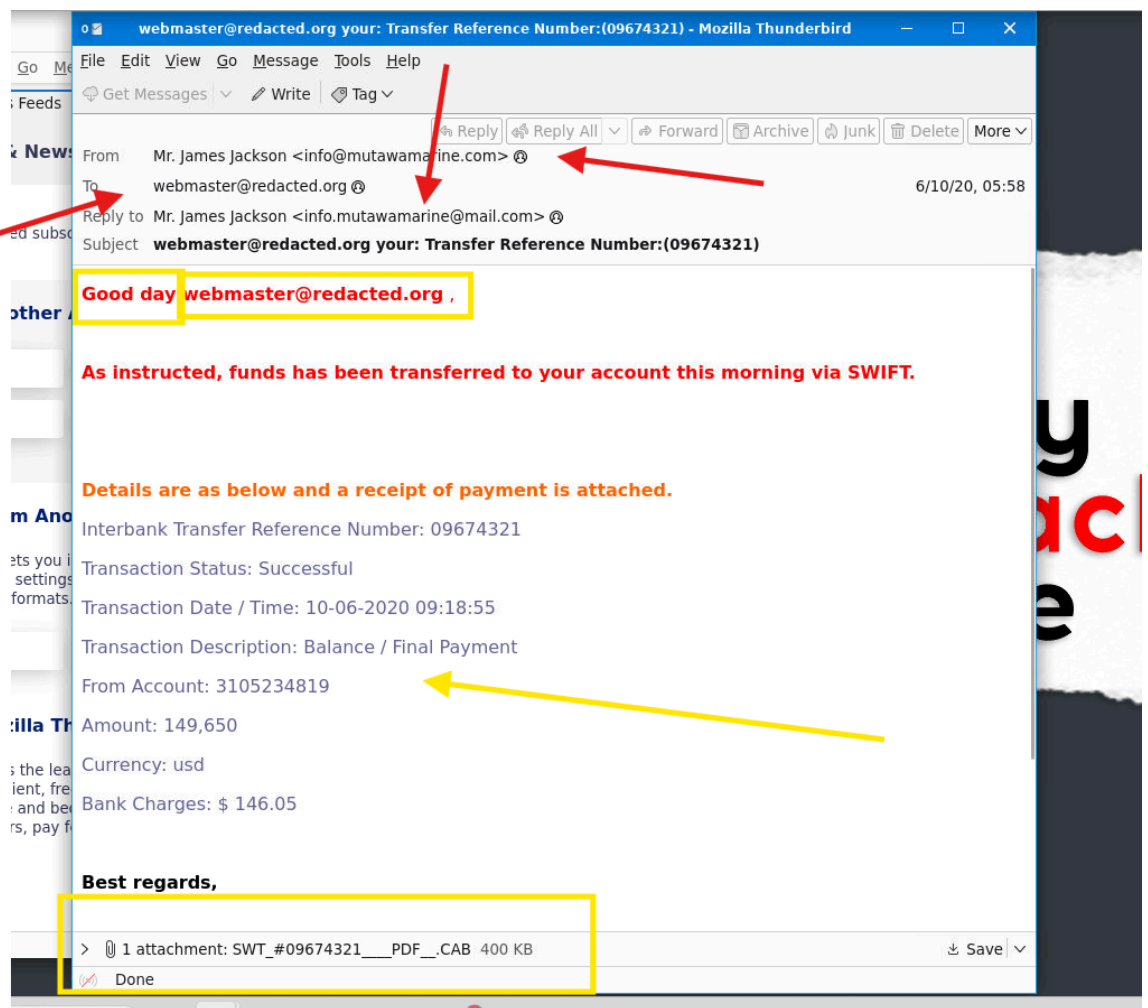
Get some information on scenario:

1. Victim is Sales Executive
2. The victim didn't expect to receive from a customer
3. Not using Good day
4. Did not expected any money
5. Email contains attachment and never requested

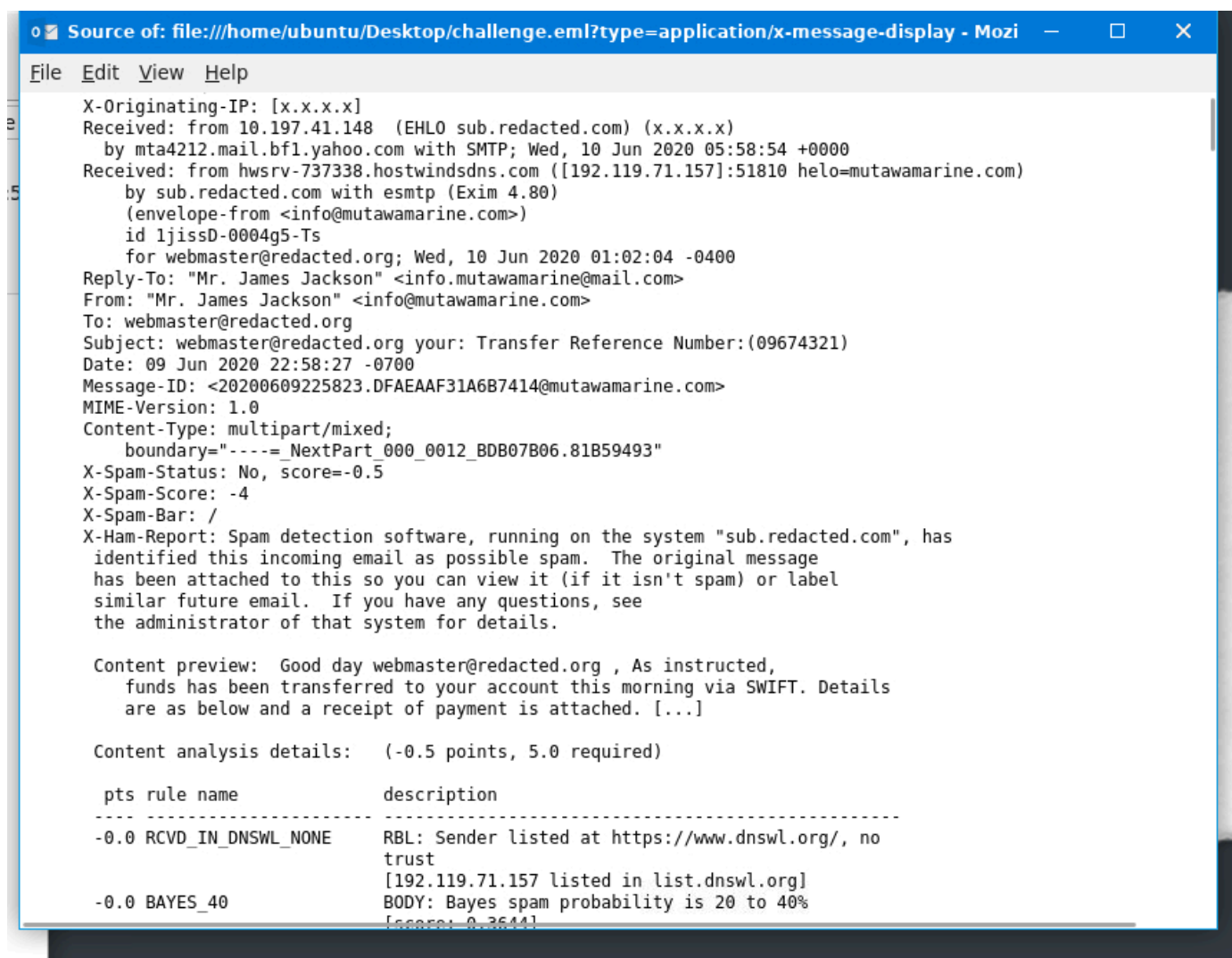
Open email with thunderbird



Start analyzing the email:



coming from: info@mutawamarine.com



SPF Alignment — The SPF Alignment is PASS only when “Return-Path” And “From” domain is same. Different between which helps us understand email could be spoofed

X-Apparently-To	redacted@yahoo.com; Wed, 10 Jun 2020 05:58:55 +0000
X-YMailISG	CA2XOWoWLDuMav_xVT1F_0kXM35Y6SWpmP6zsE6LeQRxoxw4 YjzuEZUWxEEJzHhUGbKbpzCq7GFztolFDbgKMkWunxnYA6aofbh6xusqm_FJ x591PPWDY5 zg8wK35sizWP GqFHAylD0v.GOU7dBURvMp8asqQiPa4kYC7v0oQvTmUEDtENPAjmCnfcajpo gei5zs471gDrr3JWxiUMUTyChHRw9nCczLepgGA2Jt_MdbCZ7qgf qnNvtmpQoRjMPdqSXiB7yvSIFalF5rQ8 OTEw0W1CkWz4gxhNU4FH4lub03b9TLvUoX9KLEFx3Del5yPTF8xXY7NY_kzA aCwKTjp4FaeT2Mk1Pq5P48DF.dB6hdM onB1e66yilqNuYV.vt64i52HFh0jNwcuohM67/MA7DmMP.OtkdwLIUqLS 68AfikwW3Sppf_pTqtP6NPf2wuAsJlaT7_QQ.4x3khgYrC4jTmXjVBWDVRV wT0AdIQ716L 1a1_tn5nv1IxD bCqerO7cnAjpN1amfN1C8gjD345qb6k9l7h7a8TFsv_67Nkrok_M4_MRZcf.iuxPcfE2r1ocaSfWQg6yof0WQta51sbWQidg7B_4XR2_6cbg8UI39t2v2 zjbNvaE7Tcm4m3uophzCZ14BUzdlQ
Reply-To	"Mr. James Jackson" <info.mutawamarine@mail.com>
From	"Mr. James Jackson" <info@mutawamarine.com>
To	webmaster@redacted.org
Subject	webmaster@redacted.org your: Transfer Reference Number:(09674321)
Date	09 Jun 2020 22:58:27 -0700
Message-ID	<20200609225823.DFAEAAF31A6B7414@mutawamarine.com>
MIME-Version	1.0
Content-Type	multipart/mixed; boundary="-----_NextPart_000_0012_BDB07B06.81B59493"
X-Spam-Status	No, score=-0.5
X-Spam-Score	-4

virustotal.com/gui/file/2e91c533615a9bb8929ac4bb76707b2444597ce063d84a4b33525e25074ff3f

48 / 64
Community Score -2

48/64 security vendors flagged this file as malicious

2e91c533615a9bb8929ac4bb76707b2444597ce063d84a4b33525e25074ff3f
SWT_#09674321 PDF_CAB

Size: 400.26 KB
Last Analysis Date: 24 days ago
RAR

rar spreader attachment

DETECTION DETAILS RELATIONS COMMUNITY 2

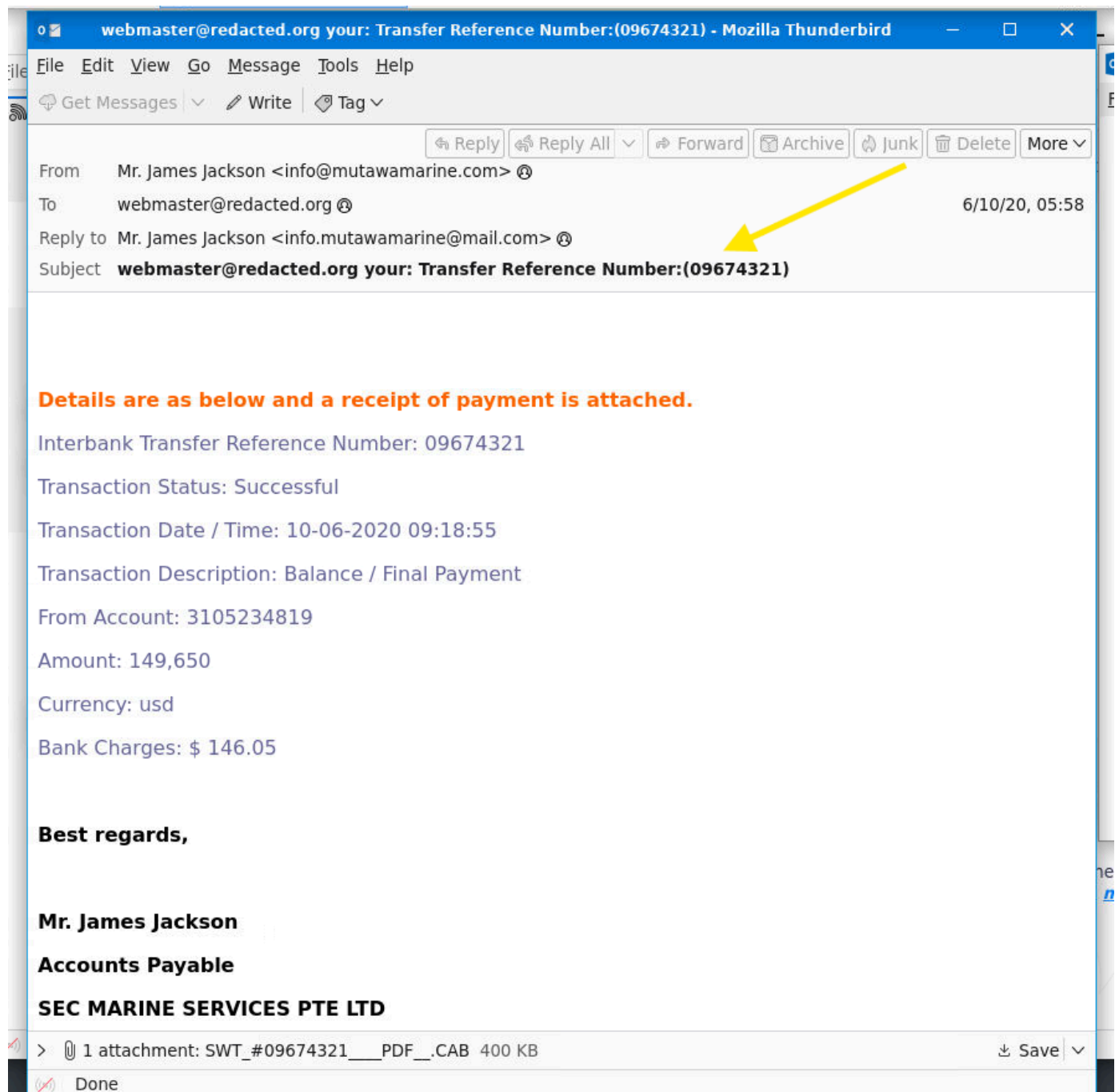
Join our Community and enjoy additional community insights and crowdsourced detections, plus an API key to automate checks.

Popular threat label trojan.msil/loki Threat categories trojan ransomware Family labels msil loki agensla

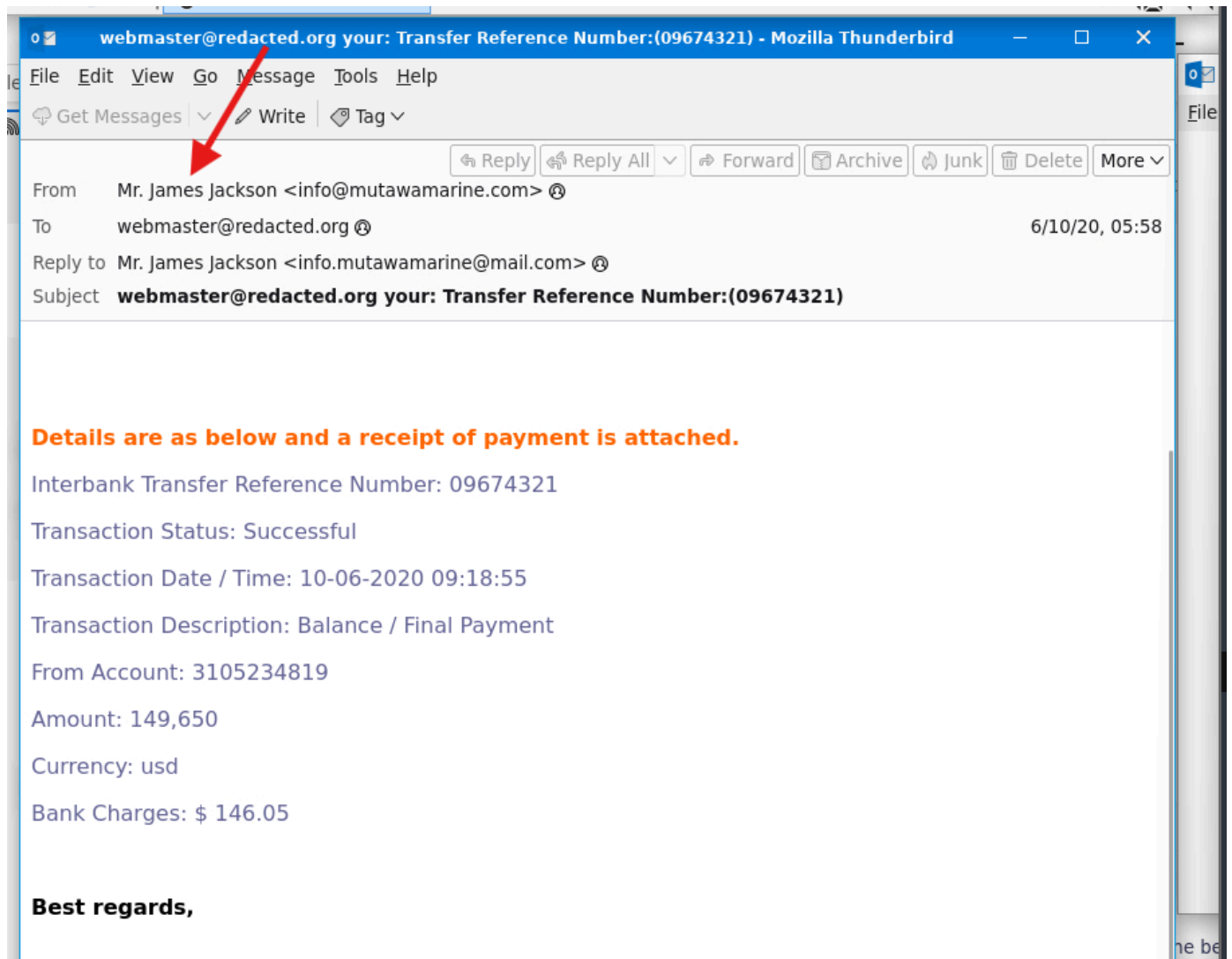
Security vendors' analysis Do you want to automate checks?

AhnLab-V3	Trojan/Win32.Kryptik.R345359	AllCloud	Trojan:MSIL/Kryptik.WGM
ALYac	Gen:Variant.Ransom.Loki.8140	Antiy-AVL	RiskWare[Obfuscator]/MSIL.Reactor.a
Arcabit	Trojan.Ransom.Loki.D1FCC	Avast	Win32:PWSX-gen [Trj]
AVG	Win32:PWSX-gen [Trj]	Avira (no cloud)	HEUR/AGEN.1305524
BitDefender	Gen:Variant.Ransom.Loki.8140	ClamAV	Win.Dropper.Formbook-9870653-0
CTX	Rar.trojan.msil	Cynet	Malicious (score: 99)
DeepInstinct	MALICIOUS	DrWeb	Trojan.PackedNET.331
Emsisoft	Gen:Variant.Ransom.Loki.8140 (B)	eScan	Gen:Variant.Ransom.Loki.8140

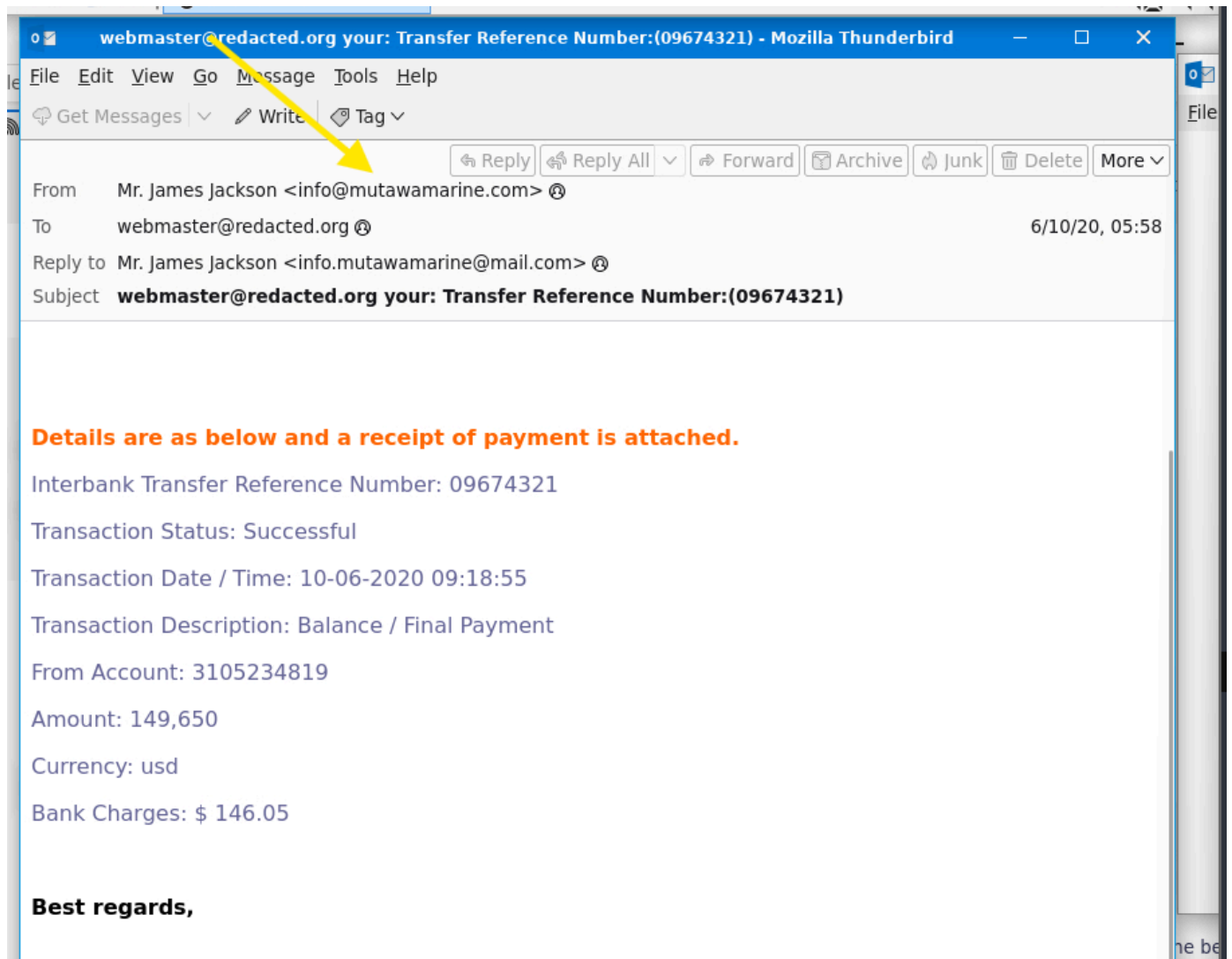
1. What is the **Transfer Reference Number** listed in the email's **Subject**?



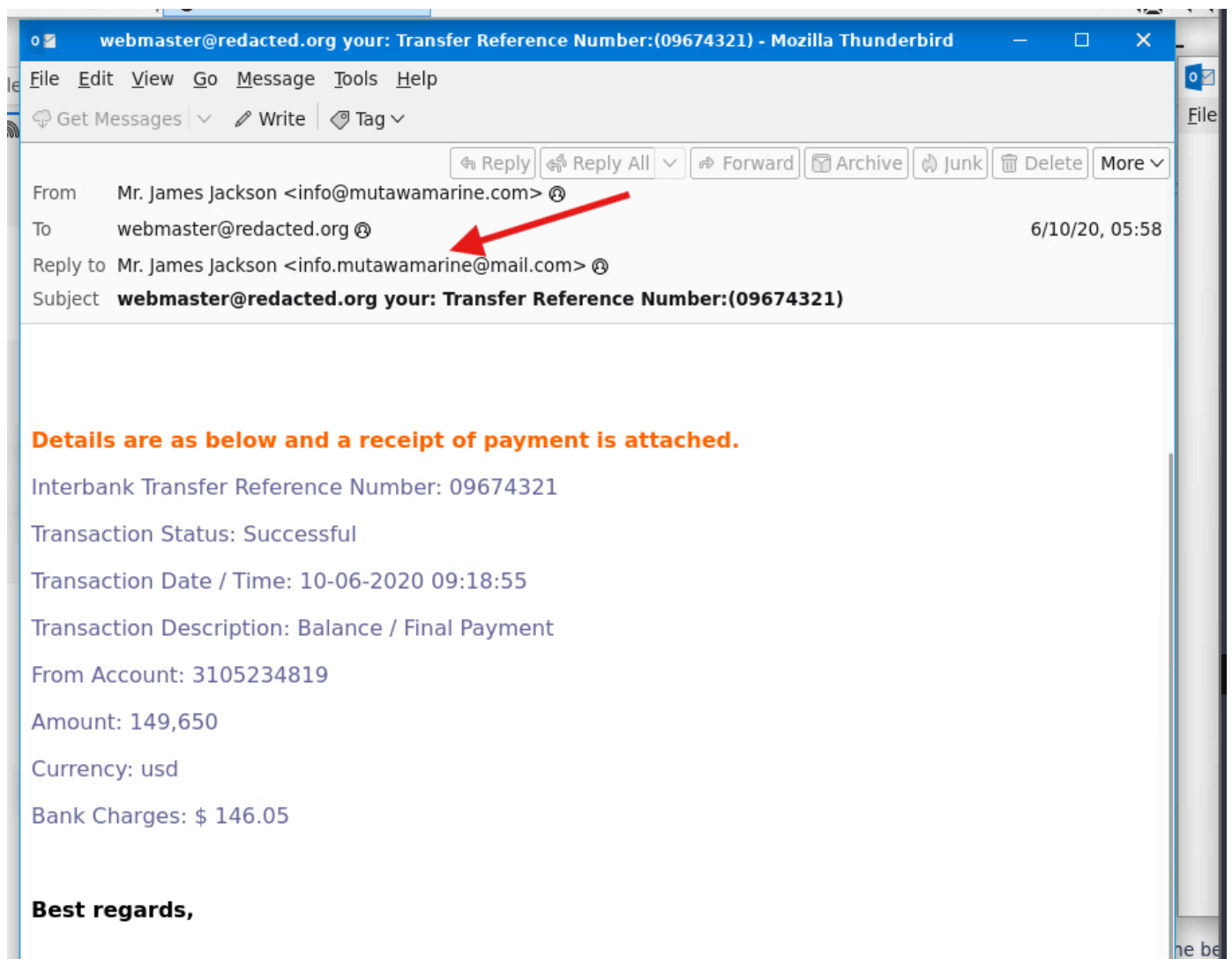
Who is the email from?



What is his email address?



What email address will receive a reply to this email?



What is the Originating IP?

1. **Identify the First "Received" Header:** Email headers usually contain multiple "Received" lines, which track the servers that handled the email as it was transmitted. The **first "Received" line typically indicates the originating server.**
2. **Locate the IP Address:** In the first "Received" line, look for the IP address following the `from` keyword. This is the IP address from which the email was originally sent.

For finding which Received is first we can check the tyime and identify the first email.

```
Source of: file:///home/ubuntu/Desktop/challenge.eml?type=application/x-message-display - Mozi
File Edit View Help
X-Originating-IP: [x.x.x.x]
Received: from 10.197.41.148 (EHLO sub.redacted.com) (x.x.x.x)
  by mta4212.mail.bf1.yahoo.com with SMTP; Wed, 10 Jun 2020 05:58:54 +0000
Received: from hwsrv-737338.hostwindsdns.com ([192.119.71.157]:51810 helo=mutawamarine.com)
  by sub.redacted.com with esmtp (Exim 4.80)
  (envelope-from <info@mutawamarine.com>)
  id 1jissD-0004g5-Ts
  for webmaster@redacted.org; Wed, 10 Jun 2020 01:02:04 -0400
Reply-To: "Mr. James Jackson" <info.mutawamarine@mail.com>
From: "Mr. James Jackson" <info@mutawamarine.com>
To: webmaster@redacted.org
Subject: webmaster@redacted.org your: Transfer Reference Number:(09674321)
Date: 09 Jun 2020 22:58:27 -0700
Message-ID: <20200609225823.DFAEAAF31A6B7414@mutawamarine.com>
MIME-Version: 1.0
Content-Type: multipart/mixed;
  boundary="-----_NextPart_000_0012_BDB07B06.81B59493"
X-Spam-Status: No, score=-0.5
X-Spam-Score: -4
X-Spam-Bar: /
X-Ham-Report: Spam detection software, running on the system "sub.redacted.com", has
  identified this incoming email as possible spam. The original message
  has been attached to this so you can view it (if it isn't spam) or label
  similar future email. If you have any questions, see
  the administrator of that system for details.

Content preview: Good day webmaster@redacted.org , As instructed,
  funds has been transferred to your account this morning via SWIFT. Details
  are as below and a receipt of payment is attached. [...]

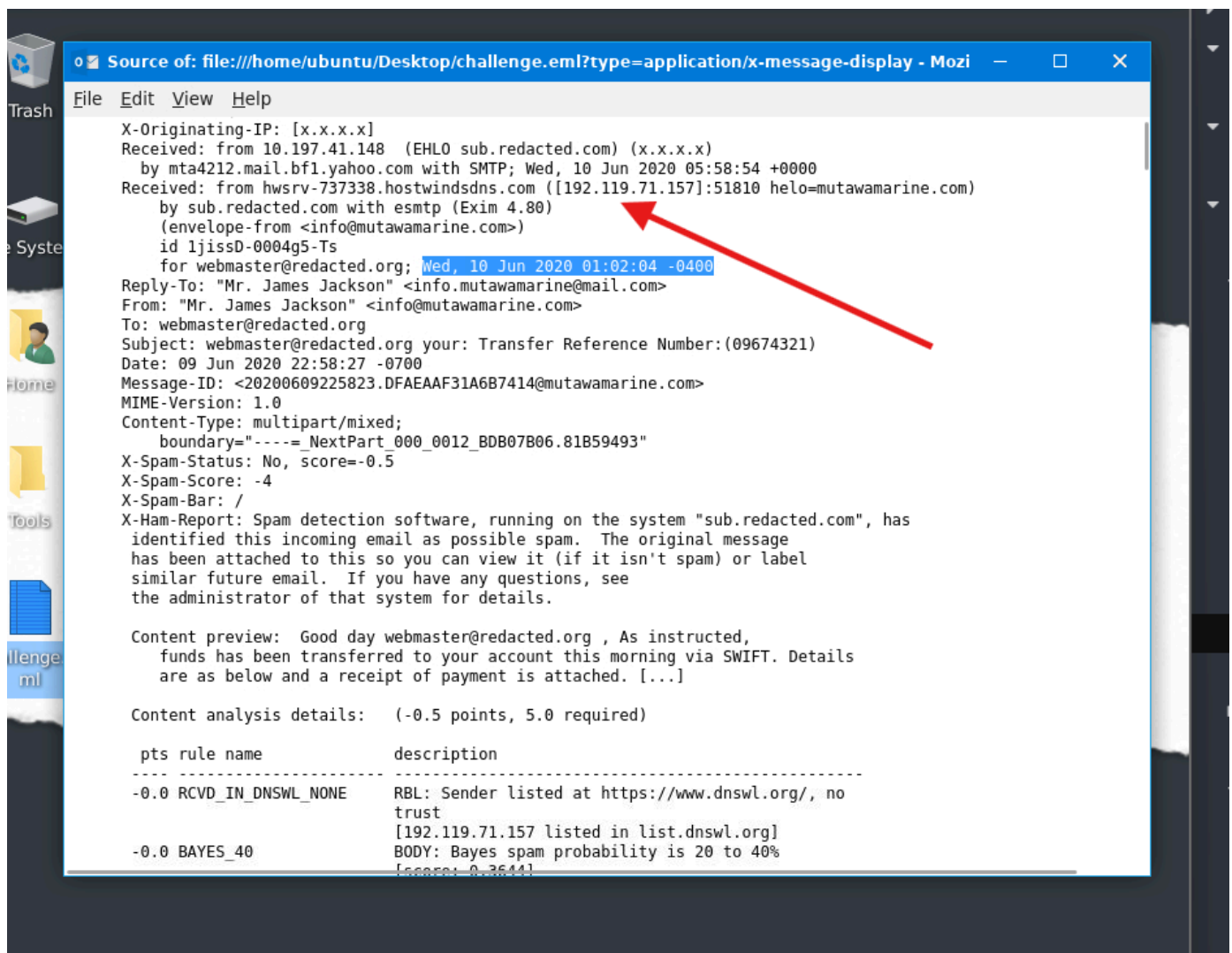
Content analysis details:  (-0.5 points, 5.0 required)

pts rule name description
-----
```

times are different time and we need to convert UTC time zone

Wed, 10 Jun 2020 05:58:54 +0000 --> Wed, 10 Jun 2020 05:58:54 +0000 UTC

Wed, 10 Jun 2020 01:02:04 -0400 --> Wed, 10 Jun 2020 05:02:04 UTC



Based on the provided headers:

- **Received from hwsrv-737338.hostwindsdns.com ([192.119.71.157]:51810 helo=mutawamarine.com):** This line indicates that the email was originally sent from the server `hwsrv-737338.hostwindsdns.com` with the IP address 192.119.71.157.

Therefore, the **Originating IP** is **192.119.71.157**.

```
Received: from 10.197.41.148 (EHLO sub.redacted.com) (x.x.x.x)
  by mta4212.mail.bf1.yahoo.com with SMTP; Wed, 10 Jun 2020 05:58:54 +0000
Received: from hwsrv-737338.hostwindsdns.com ([192.119.71.157]:51810 helo=mutawa
  by sub.redacted.com with esmtp (Exim 4.80)
  (envelope-from <info@mutawamarine.com>)
  id 1jissD-0004g5-Ts
  for webmaster@redacted.org; Wed, 10 Jun 2020 01:02:04 -0400
```

Who is the owner of the Originating IP? (Do not include the "." in your answer.)

Go to <https://whois.domaintools.com/> and copy paste IP adress

whois.domaintools.com/192.119.71.157

HOME RESEARCH

DomainTools PROFILE CONNECT MONITOR SUPPORT WHOIS LOGIN Sign Up

Home > Whois Lookup > 192.119.71.157

Notice: Possible deprecation of Whois services after January 28, 2025. [More Info](#)

IP Information for 192.119.71.157

Quick Stats

IP Location	United States Dallas Hostwinds LLC.
ASN	AS54290 HOSTWINDS, US (registered Dec 05, 2011)
Resolve Host	client-192-119-71-157.hostwindsdns.com
Whois Server	whois.arin.net
IP Address	192.119.71.157

DomainTools Iris
The gold-standard internet intelligence platform
[Learn More](#)

Tools

- Monitor Domain Properties
- Reverse IP Address Lookup
- Network Tools

```
NetRange: 192.119.64.0 - 192.119.127.255
CIDR: 192.119.64.0/18
NetName: HOSTWINDS-18-2
NetHandle: NET-192-119-64-0-1
Parent: NET192 (NET-192-0-0-0-0)
NetType: Direct Allocation
OriginAS: AS54290
Organization: Hostwinds LLC. (HL-29)
RegDate: 2012-11-12
Updated: 2021-09-23
Comment: https://www.hostwinds.com
Comment: Abuse Contact: abuse@hostwinds.com
Ref: https://rdap.arin.net/registry/ip/192.119.64.0

OrgName: Hostwinds LLC.
OrgId: HL-29
Address: 12101 Tukwila International Blvd, 3rd Fl
oor, Suite 320
City: Seattle
StateProv: WA
PostalCode: 98168
Country: US
RegDate: 2011-11-30
Updated: 2024-11-25
Comment: https://www.hostwinds.com
Comment: Abuse Contact: abuse@hostwinds.com
```

What is the SPF record for the Return-Path domain?

Go to MXtool box <https://mxtoolbox.com/> copy and pasted the domain name

File Edit View Help

X-Atlas-Received: from 10.201.192.162 by atlas125.free.mail.bf1.yahoo.com with http; Wed, 10 Jun 2020 05:58:55
Return-Path: <info@mutawamarine.com>
Received: from x.x.x.x (EHLO sub.redacted.com)
by atlas125.free.mail.bf1.yahoo.com with SMTPs; Wed, 10 Jun 2020 05:58:55 +0000
X-Originating-IP: [x.x.x.x]
Received-SPF: fail (domain of mutawamarine.com does not designate x.x.x.x as permitted sender)
Authentication-Results: atlas125.free.mail.bf1.yahoo.com;
spf=fail smtp.mailfrom=mutawamarine.com;
dmarc=unknown
X-Apparently-To: redacted@yahoo.com; Wed, 10 Jun 2020 05:58:55 +0000
X-YMailISG: CA2X0WoWLDuMav_xVT1F_okXM35Y6SWpmP6zsE6LeQRxoxw4
YjzuEZUwxEEJzHhUGbKbpzCq7GFztoIFDbqKMKwunxnYA6aofbh6xusqm_FJ
x591PPWDY5NhvW7H.Pwb9o9VmzNhbgKs3KzMN9I07Uh5jfy6rUw.dSshjuv
j1RgxZYshquA.RCedSbTLm1pyxBT4LoSfMkWr0E4FgJSW3l9zg8wK35sizWP
GqFhAYID0v.GOU7dBURvMp8asqQiPa4kYC7v0oQTvmUEDtENPAjmCnfcajpo
gei5zs471gDrr3JWxiUMUTyChHRw9nCcZLepgGA2Jt_MdbCZ7qgFqWmVvo1I
nIXkl35mwKec90ZCIPJc6tCHAQyFkE.030_0VmK_brmLt5oqQIGBYmyCV2i
CwhdwdTwYkUIdgler50ESBs5mHXSqnNvtmpQoRjMPdQsXiB7yvSIFaIF5rQ8
OTEw0w1CKwz4gxhNU4FH4Iub03b9TLvUoX9KLEF3DeL5yPTF8xXY7NY_kzA
aCwKTjp4FaeT2Mk1Pq5P48DF.dB6hdMTmCoowuSwouW2M9Yp4euqKNzGrLcf
2KcRMROfFVcKDwXSAHw4tMhKvXSH0KiWMVFPxPaMmt2c0cklVpwZMyql8w8W
PlponB1e66yiIqNuYV.vt64i52HFh0jNwcuuohMo7MA7DmMP.OtkdwLLUqLS
68Afikwfw3Sppf_pTqtP6NPf2wuAsJiaT7_QQ.4x3khgYrC4jTmXjVBWDVRV
wT0AdlQ716U8TVp.0AKvevKfMzfZoT0TSLuQU.w8uZhV_6mwKB4sW7PbhbR
B1RJadC0va2CJiCbAC1Qnapm5egSIEqxkboy8i0Ufz0qkD1a1_tn5nv1Ix0
bCqer07cnAjpN1amfUvC8gjD345qb6k9l7h7a8TFsv_67Nkrok_M4_MRZcf
.iuxPcffe2rlocasfWQg6yof0WQta51sbWQidg7B_4XR2_6cbg8Ui39t2v2Y
bgWISohtB1urfpr.b1SANr7fvE2Zzvzjz4_4PbBtBDevFUB7Pjq0GiAe_Nx_
YpW8pLoFasyilk4T9f5eSryqAu.HToIegVimVa4xwuzjbNvaE7Tsm4m3vepb
zGZ11BWuDLQ-
X-Originating-IP: [x.x.x.x]
Received: from 10.197.41.148 (EHLO sub.redacted.com) (x.x.x.x)
by mta4212.mail.bf1.yahoo.com with SMTP; Wed, 10 Jun 2020 05:58:54 +0000
Received: from hwsrv-737338.hostwinddns.com ([192.119.71.157]:51810 helo=mutawamarine.com)
by sub.redacted.com with esmtp (Exim 4.80)
(envelope-from <info@mutawamarine.com>)
id 1jissD-0004g5-Ts
for webmaster@redacted.org; Wed, 10 Jun 2020 01:02:04 -0400

mxtoolbox.com/SuperTool.aspx?action=mx%3ahostwinds.com&run=toolp... Finish update

ANOC SS64 Mail - Ibrahim Yazar... Costpoint 8.2.0-Apo... Discord | Friends INE Business - Man... All Bookmarks

MX TOOLBOX SUPERTOOL Login

SuperTool Beta9

mutawamarine.com **SPF Record Lookup**

spf:mutawamarine.com Find Problems Solve

```
v=spf1 include:spf.protection.outlook.com -all
```

Prefix	Type	Value	Prefix
Prefix	Typev	Valuespf1	Prefix
Prefix+	Typeinclude	Valuespf.protection.outlook.com	Prefix
Prefix-	Typeall	Value	Prefix

	Test
Status✓	NameSPF Record Published
Status✓	NameSPF Record Deprecated
Status✓	NameSPF Multiple Records
Status✓	NameSPF Contains characters after ALL
Status✓	NameSPF Syntax Check
Status✓	NameSPF Included Lookups
Status✓	NameSPF Recursive Loop
Status✓	NameSPF Duplicate Include
Status✓	NameSPF Type PTR Check
Status✓	NameSPF Void Lookups
Status✓	NameSPF MX Resource Records
Status✓	NameSPF Record Null Value

- MX Lookup
- Blacklist Check
- DNS Lookup
- Test Email Server
- Reverse Lookup
- Whois Lookup
- DNS Check
- SPF Record Lookup
- DKIM Lookup
- DMARC Lookup
- AAAA Lookup
- SRV Lookup
- DNSKEY Lookup
- CERT Lookup
- LOC Lookup
- IPSECKEY Lookup
- Domain Health
- ASN Lookup
- RRSIG Lookup
- NSEC Lookup
- DS Lookup
- NSEC3PARAM Lookup

SPF record version

specified domain is searched for an 'allow'.

ays matches. It goes at the end of your record.

rd found

ated records found

two records found

after 'ALL'.

is valid

ResponseNumber of included lookups is OK

ResponseNor Recursive Loops on Includes

ResponseNo Duplicate Includes Found

ResponseNo type PTR found

ResponseNumber of void lookups is OK

ResponseNumber of MX Resource Records is OK

ResponseNo Null DNS Lookups found

MX TOOLBOX®
SUPERTOOL

SuperTool Beta9

mutawamarine.com SPF Record Lookup

spf:mutawamarine.com Find Problems Solve Email Delivery Problems spf

`v=spf1 include:spf.protection.outlook.com -all`

Prefix	Type	Value	PrefixDesc	Description
Prefix	Typev	Value	PrefixDesc	Description
Prefix	Typeev	Value	PrefixDesc	Description
Prefix+	Typeinclude	Value	PrefixDescPass	Description
Prefix-	Typeall	Value	PrefixDescFail	Description

	Test	Result
Status	NameSPF Record Published	ResponseSPF Record found
Status	NameSPF Record Deprecated	ResponseNo deprecated records found
Status	NameSPF Multiple Records	ResponseLess than two records found
Status	NameSPF Contains characters after ALL	ResponseNo items after 'ALL'.
Status	NameSPF Syntax Check	ResponseThe record is valid
Status	NameSPF Included Lookups	ResponseNumber of included lookups is OK
Status	NameSPF Recursive Loop	ResponseNor Recursive Loops on Includes
Status	NameSPF Duplicate Include	ResponseNo Duplicate Includes Found
Status	NameSPF Type PTR Check	ResponseNo type PTR found
Status	NameSPF Void Lookups	ResponseNumber of void lookups is OK
Status	NameSPF MX Resource Records	ResponseNumber of MX Resource Records is OK
Status	NameSPF Record Null Value	ResponseNo Null DNS Lookups found

Your IP is: 74.24.151.245 | Contact Terms & Conditions Site Map Security API Privacy Policy Phone: (888) 688-6552 | © Copyright 2004-2024 MXToolbox, Inc. All rights reserved. US Patents: 4,853,933 B2 & 4,464,738 B2

What is the DMARC record for the Return-Path domain?

Same steps with SPF but this time select DMARC on drop box

MX TOOLBOX®
SUPERTOOL

SuperTool Beta9

mutawamarine.com

DMARC Lookup

dmarc:mutawamarine.com Find Problems Solve

`v=DMARC1; p=quarantine; fo=1`

Tag	TagValue	Name	Description
Tagv	Tag ValueDMARC1	NameVersion	DescriptionIdentifies
Tagp	Tag Valuequarantine	NamePolicy	DescriptionPolicy to 'quarantine', or 'reject'
Tagfo	Tag Value1	NameForensic Reporting	DescriptionProvides combination of char

	Test	Result
Status	NameDMARC Record Published	ResponseDMARC Record
Status	NameDMARC Syntax Check	ResponseThe record is va
Status	NameDMARC External Validation	ResponseAll external domains in your DMARC record are giving permission to send them DMARC reports.
Status	NameDMARC Multiple Records	ResponseMultiple DMARC records corrected to a single record.
Status	NameDMARC Policy Not Enabled	ResponseDMARC Quarantine/Reject policy enabled

Your DNS hosting provider is "Rackspace US, Inc." [Need Bulk Dns Provider Data?](#)

MX Lookup
Blacklist Check
DNS Lookup
Test Email Server
Reverse Lookup
Whois Lookup
DNS Check
SPF Record Lookup
DKIM Lookup
DMARC Lookup
AAAA Lookup
SRV Lookup
DNSKEY Lookup
CERT Lookup
LOC Lookup
IPSECKEY Lookup
Domain Health
ASN Lookup
RRSIG Lookup
NSEC Lookup
DS Lookup
NSEC3PARAM Lookup

What is the name of the attachment?

File Edit View Go Message Tools Help

Get Messages Write Tag

Reply Reply All Forward Archive Junk Delete More

From Mr. James Jackson <info@mutawamarine.com>

To webmaster@redacted.org

6/10/20, 05:58

Reply to Mr. James Jackson <info.mutawamarine@mail.com>

Subject **webmaster@redacted.org your: Transfer Reference Number:(09674321)**

Details are as below and a receipt of payment is attached.

Interbank Transfer Reference Number: 09674321

Transaction Status: Successful

Transaction Date / Time: 10-06-2020 09:18:55

Transaction Description: Balance / Final Payment

From Account: 3105234819

Amount: 149,650

Currency: usd

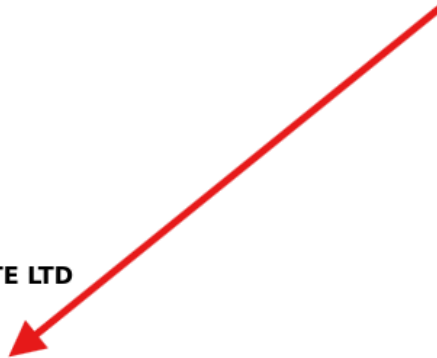
Bank Charges: \$ 146.05

Best regards,

Mr. James Jackson

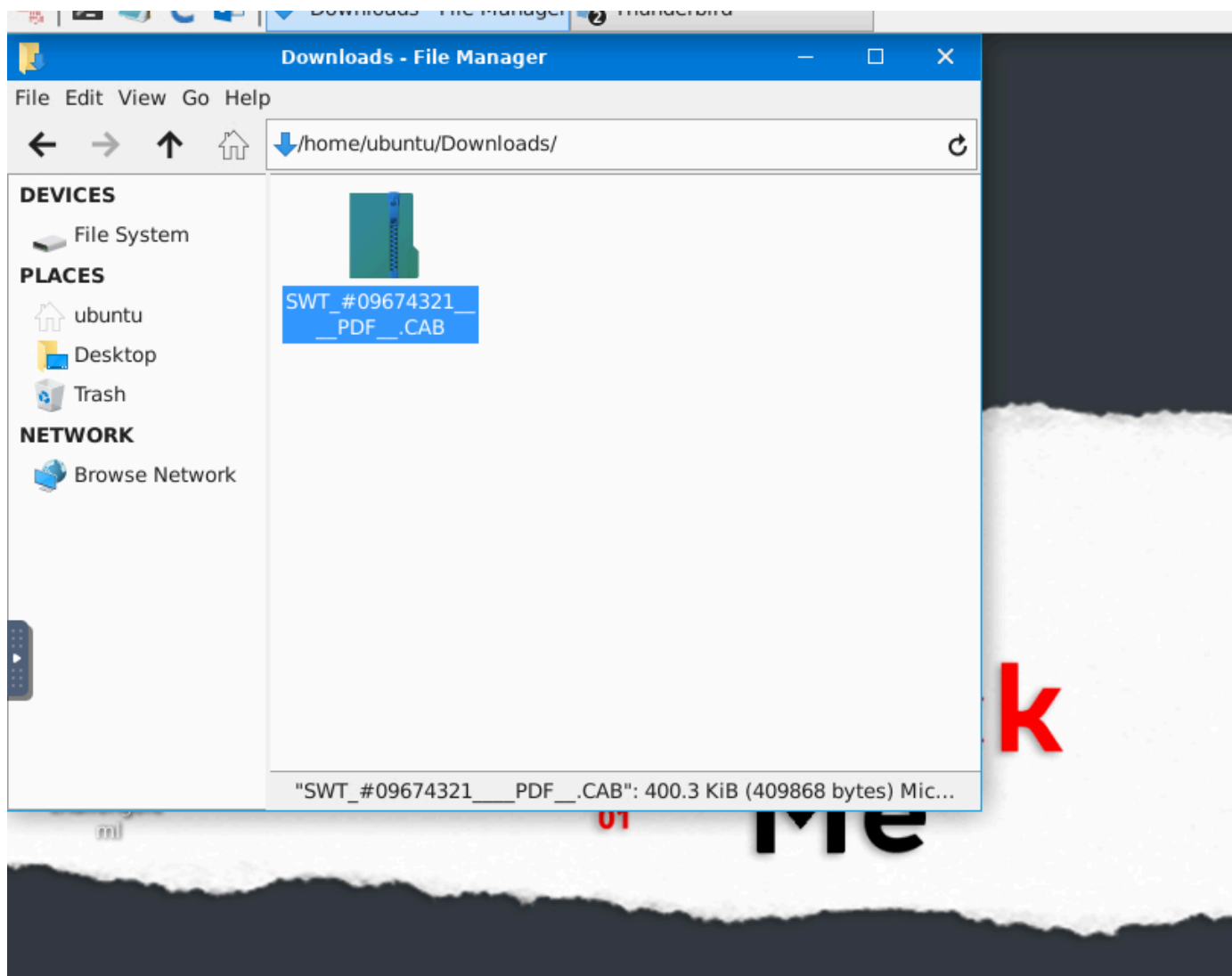
Accounts Payable

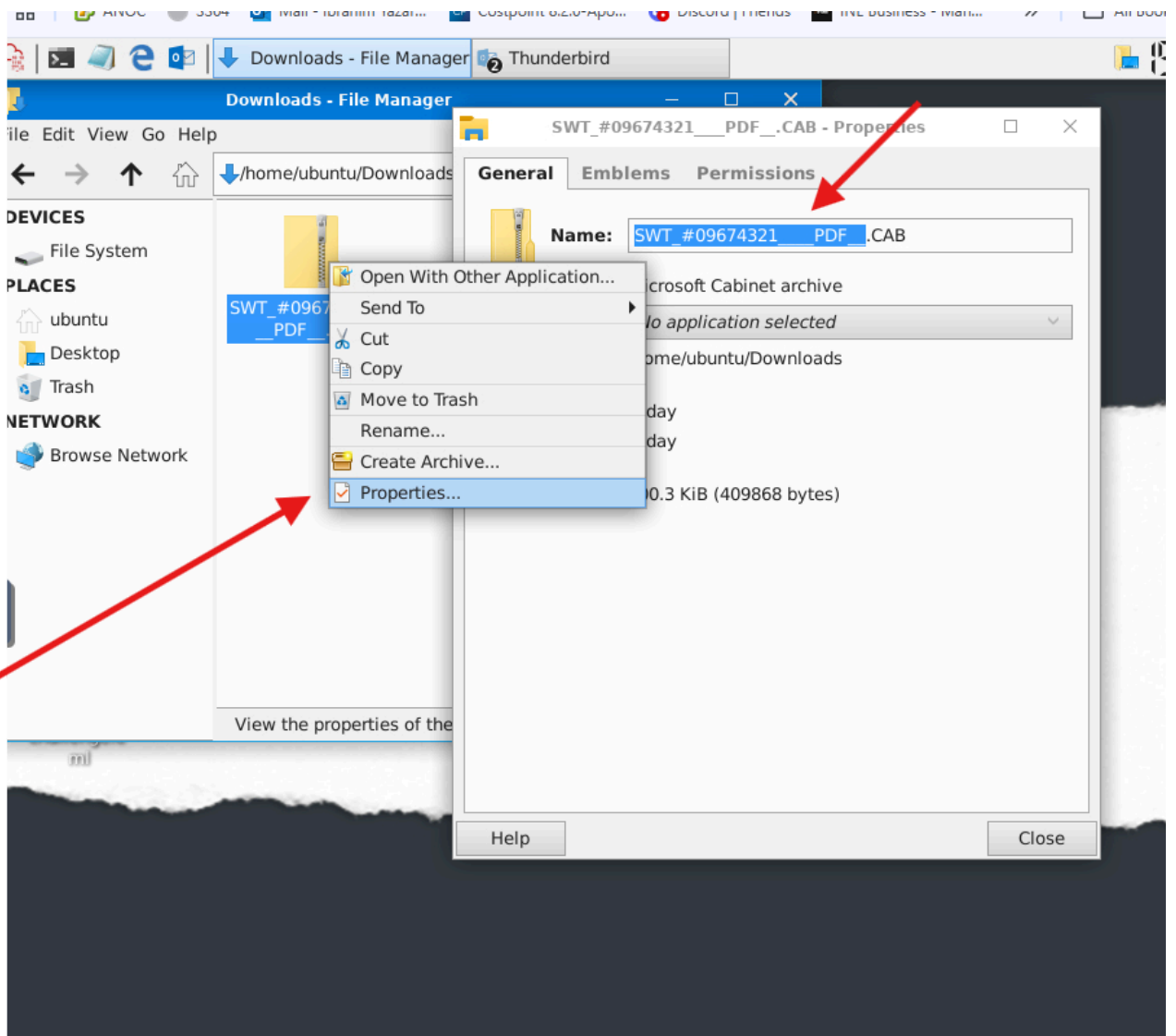
SEC MARINE SERVICES PTE LTD



> 1 attachment: SWT_#09674321__PDF__.CAB 400 KB

Save





File Edit View Help

```
<p>&nbsp;</p>
<p><strong><span style=3D"vertical-align: inherit;"><span style=3D"vertical=
-align: inherit;">Mr. James Jackson</span></span></strong></p>
<p><strong><span style=3D"vertical-align: inherit;"><span style=3D"vertical=
-align: inherit;">Accounts Payable</span></span></strong></p>
<p><strong><span style=3D"vertical-align: inherit;"><span style=3D"vertical=
-align: inherit;">SEC MARINE SERVICES PTE LTD</span></span></strong></p>
<p><strong>&nbsp;</strong></p>
<div>&nbsp;</div>
-----= NextPart 000_0012_BDB07B06.81B59493
Content-Type: application/octet-stream; name="SWT_#09674321_PDF_.CAB"
Content-Transfer-Encoding: base64
Content-Disposition: attachment; filename="SWT_#09674321_PDF_.CAB"
```

```
UmFyIRoHAQD0LSZoDAEFCAAAHgMgZmAACoiALA0AgML3IAZBICYHiC7XfKHgBMAFLNXVF8j
MDk2NzQzMjFfX1BERi5jb20KAwIhQPwb6T7WAY/lcFBncEVEIldmYDZ2IsJEgUiUy1EHFBUY
jBUQYBBUFAYQFRRkFQUGAUBHxptm2yCggzi4BI0dVYV3eYYLv9+56663x3x36Jdt5d3qC
tVVarVQ6u72+lg8CfPtVq8u8wvjje/5fRf/kALoMgaQG/+QAzgyAAwL/5AGEDIAEBv/kAZgM
gAKCwURmFpdWlpaXi4n58HAWkv4+rQf+MSfM6fM61vGLqU3gLcCP5a71e486/x0beY6Kvx1
lioyMjcCddLudHYKM0vY/2x2m1HX6Nu13qjMzMdPVA0DfgQK2Igr/asnwVhfwrS4tsi28Hsw
wGYQ45akus43IYEhdPxcSHeGxXzRuC5Q8Hk+40zQj/VjnQd0G8/UCD7UtJBfgL/+JSeEadlw
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01EdL4n0cGue9zgs9zo07Mlk08zeLRqfa0/fE0+Pf01nrZ7/p0uly9Uw5YSEs9rtUBlYuqCL
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1BUIR1XY19k9edco1d+EU6MbfEvvaWPDpj/C1Pthc01JUE1Jhs+B4V8YVq47iM/winh+6kTH
```

What is the SHA256 hash of the file attachment?

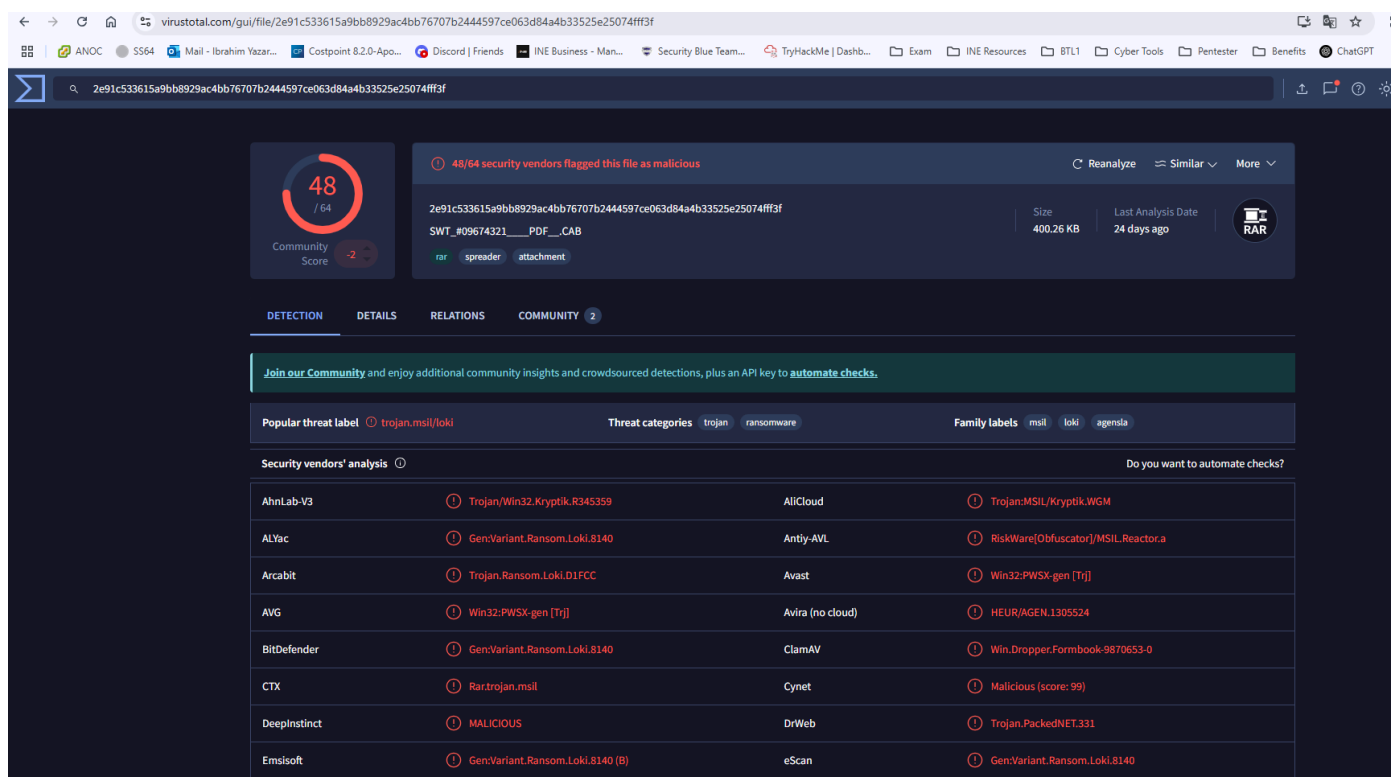
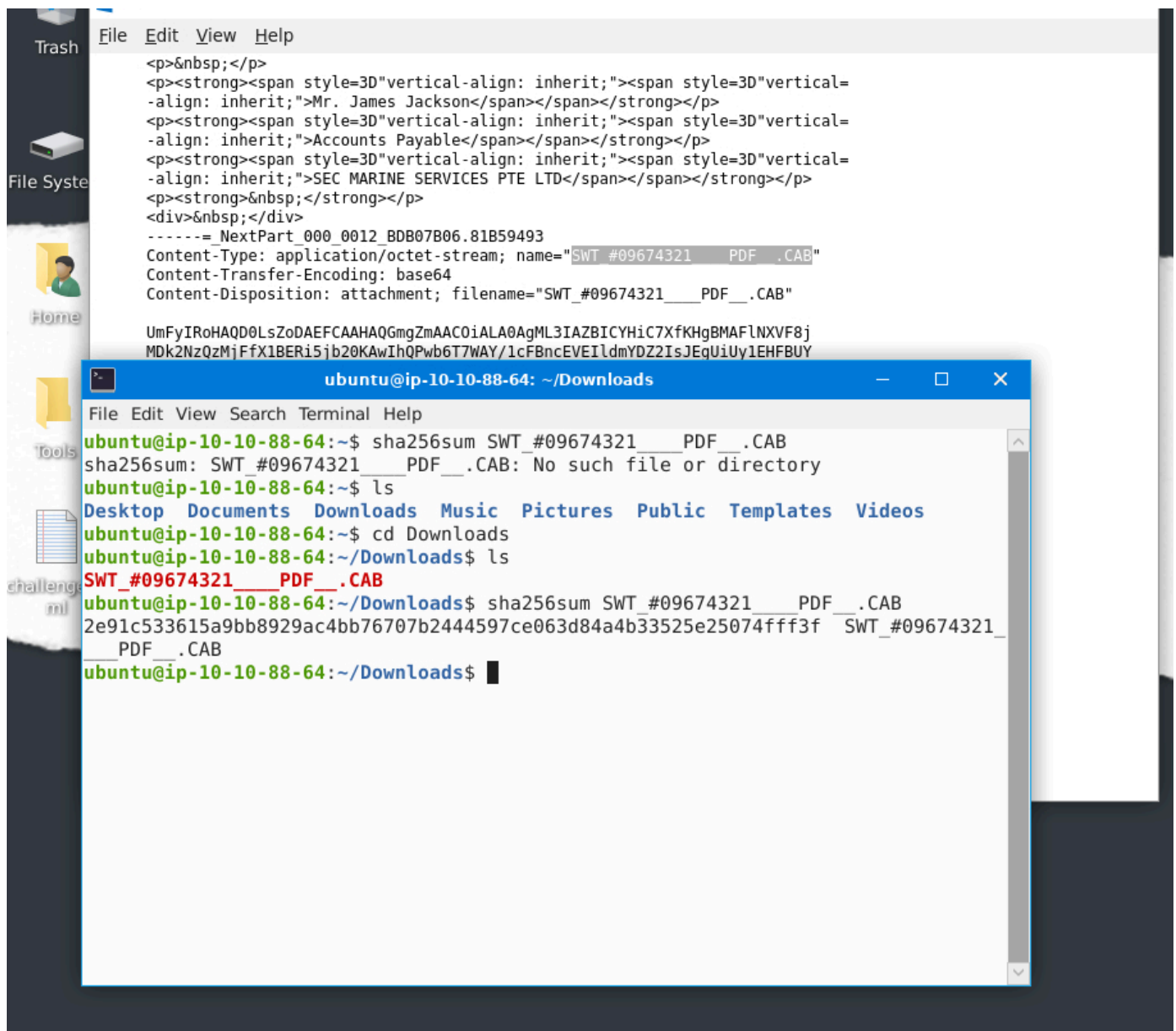
sha256sum SWT_#09674321_PDF_.CAB

sha256sum <file>

md5sum <file>

sha1sum <file>

sha512sum <file>



What is the attachments file size? (Don't forget to add "KB" to your answer, **NUM KB**)

virustotal.com/gui/file/2e91c533615a9bb8929ac4bb76707b2444597ce063d84a4b33525e25074fff3f

48 / 64
Community Score -2

48/64 security vendors flagged this file as malicious

2e91c533615a9bb8929ac4bb76707b2444597ce063d84a4b33525e25074fff3f
SWT_#09674321__PDF__CAB
rar spreader attachment

Size 400.26 KB Last Analysis Date 24 days ago RAR

DETECTION DETAILS RELATIONS COMMUNITY 2

Join our Community and enjoy additional community insights and crowdsourced detections, plus an API key to [automate checks](#).

Popular threat label **trojan.msl/loki** Threat categories trojan ransomware Family labels msl loki agensla

Security vendors' analysis Do you want to automate checks?

AhnLab-V3	Trojan.Win32.Kryptik.R345359	AllCloud	Trojan:MSIL/Kryptik.WGM
ALYac	Gen:Variant.Ransom.Loki.8140	Antiy-AVL	RiskWare[Obfuscator]/MSIL.Reactor.a
Arcabit	Trojan.Ransom.Loki.D1FCC	Avast	Win32:PWSX-gen [Trj]
AVG	Win32:PWSX-gen [Trj]	Avira (no cloud)	HEUR/AGEN.1305524
BitDefender	Gen:Variant.Ransom.Loki.8140	ClamAV	Win.Dropper.Formbook-9870653-0
CTX	Rar.trojan.msl	Cynet	Malicious (score: 99)
DeepInstinct	MALICIOUS	DrWeb	Trojan.PackedNET.331
Emsisoft	Gen:Variant.Ransom.Loki.8140 (B)	eScan	Gen:Variant.Ransom.Loki.8140

2e91c533615a9bb8929ac4bb76707b2444597ce063d84a4b33525e25074fff3f

48 / 64
Community Score -2

48/64 security vendors flagged this file as malicious

2e91c533615a9bb8929ac4bb76707b2444597ce063d84a4b33525e25074fff3f
SWT_#09674321__PDF__CAB
rar compressed rar
RAR archive data, v5
RAR compressed archive (v5.0) (61.5%) | RAR compressed archive (gen) (38.4%)
RAR
400.26 KB (409868 bytes)

Size 400.26 KB Last Analysis Date 24 days ago RAR

DETECTION DETAILS RELATIONS COMMUNITY 2

Join our Community and enjoy additional community insights and crowdsourced detections, plus an API key to [automate checks](#).

Basic properties

MD5	f4dd3456cdb1976a145c1179a4d461ec
SHA-1	5a2bb8188377c15c036843b4a6ab9b0c0f2c1607
SHA-256	2e91c533615a9bb8929ac4bb76707b2444597ce063d84a4b33525e25074fff3f
SSDEEP	12288:Mj6ygt8RvQManuL8l0A81aBVolm9+X3B4k56:EgqRJCUL87toLC+X3O
TLSH	T12C94288893562439A8F7385DAFDCFB5FE898E74EBF97709CFD609E5D140446205AC2
File type	RAR (compressed) rar
Magic	RAR archive data, v5
TrID	RAR compressed archive (v5.0) (61.5%) RAR compressed archive (gen) (38.4%)
Magika	RAR
File size	400.26 KB (409868 bytes)

History

First Submission	2020-06-10 07:06:14 UTC
Last Submission	2025-03-24 08:13:54 UTC
Last Analysis	2025-03-22 14:24:29 UTC

Names

What is the actual file extension of the attachment?

virustotal.com/gui/file/2e91c533615a9bb8929ac4bb76707b2444597ce063d84a4b33525e25074fff3f/details

ANOCSS564Mail - Ibrahim Yazar...Costpoint 8.2.0-Apo...Discord | FriendsINE Business - Man...Security Blue Team...TryHackMe | Dashb...ExamINE ResourcesBTLLCyber ToolsPentesterBenefitsChatGPT

2e91c533615a9bb8929ac4bb76707b2444597ce063d84a4b33525e25074fff3f

48/64

Community Score

-2

48/64 security vendors flagged this file as malicious

ReanalyzeSimilarMore

2e91c533615a9bb8929ac4bb76707b2444597ce063d84a4b33525e25074fff3f

Size400.26 KB

Last Analysis Date24 days ago

RAR

SWT_#09674321

PDF_CAB

rarspreaderattachment

DETECTIONDETAILSRELATIONSCOMMUNITY2

Join our Community and enjoy additional community insights and crowdsourced detections, plus an API key to automate checks.

Basic properties

MD5	f4dd3456c0db1976a145c1179a4d461ee
SHA-1	5a2bb8108377c15c036843b4a6ab9b0c0f2c1607
SHA-256	2e91c533615a9bb8929ac4bb76707b2444597ce063d84a4b33525e25074fff3f
SSDEEP	12288:Mjygt8RoiqMAnuL8l0A81aByolm9+X384K56:EgRjCul.87toIC+X3O
TLSH	T12C94Z38893562439A8F738SDAFD0CFB5EF898E74E8F97709CFD609ESD14044620SAC2
File type	RARcompressedrar
Magic	RAR archive data, v5
TrID	RAR compressed archive (v5.0) (61.5%)RAR compressed archive (gen) (38.4%)
Magika	RAR
File size	400.26 KB (409868 bytes)

History

First Submission	2020-06-10 07:06:14 UTC
Last Submission	2025-03-24 08:13:54 UTC
Last Analysis	2025-03-22 14:24:29 UTC

Names

SWT_#09674321PDF_CAB