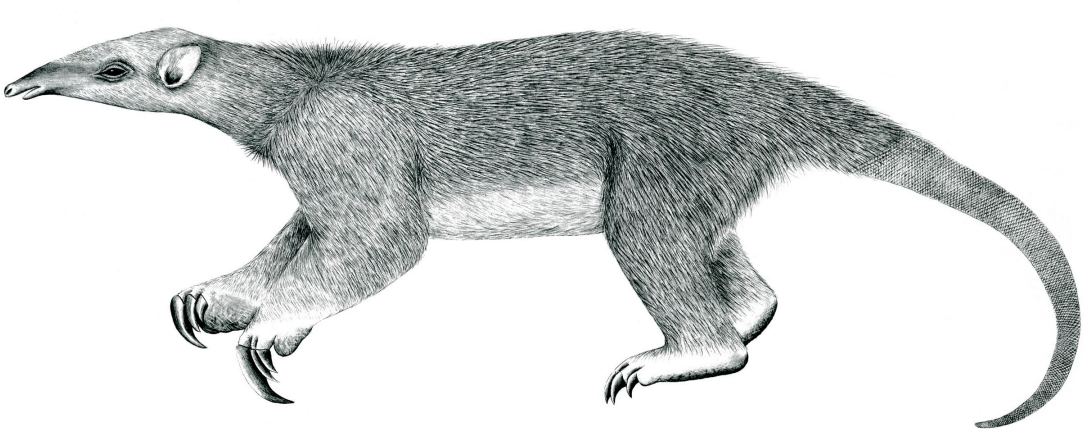
Tranalyzer2

pwX

Clear-text Passwords Extractor



Tranalyzer Development Team

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1.1 Description

The pwX plugin extracts usernames and passwords from different plaintext protocols. This plugin produces only output to the flow file. Configuration is achieved by user defined compiler switches in `src/pwX.h`.

1.2 Configuration Flags

The following flags can be used to control the output of the plugin:

Variable	Default	Description
PWX_USERNAME	1	Output the username
PWX_PASSWORD	1	Output the password
PWX_FTP	1	Extract FTP authentication
PWX_POP3	1	Extract POP3 authentication
PWX_IMAP	1	Extract IMAP authentication
PWX_SMTP	1	Extract SMTP authentication
PWX_HTTP_BASIC	1	Extract HTTP Basic Authorization
PWX_HTTP_PROXY	1	Extract HTTP Proxy Authorization
PWX_HTTP_GET	1	Extract HTTP GET authentication
PWX_HTTP_POST	1	Extract HTTP POST authentication
PWX_IRC	1	Extract IRC authentication
PWX_TELNET	1	Extract Telnet authentication
PWX_LDAP	1	Extract LDAP bind request authentication
PWX_PAP	1	Extract PAP (Password Authentication Protocol) authentication
PWX_STATUS	1	Extract authentication status (success, error, ...).
PWX_DEBUG	0	Activate debug output.

1.3 Flow File Output

The pwX plugin outputs the following columns:

Name	Type	Description	Flags
pwxType	U8	Authentication type	
pwxUser	S	Extracted username	PWX_USERNAME!=0
pwxPass	S	Extracted password	PWX_PASSWORD!=0
pwxStatus	U8	Authentication status	PWX_STATUS!=0

1.3.1 pwxType

The `pwxType` column is to be interpreted as follows:

pwxType	Description
0	No password or username extracted
1	FTP authentication
2	POP3 authentication
3	IMAP authentication
4	SMTP authentication
5	HTTP Basic Authorization
6	HTTP Proxy Authorization
7	HTTP GET authentication
8	HTTP POST authentication
9	IRC authentication
10	Telnet authentication
11	LDAP authentication
12	PAP authentication

1.3.2 pwxStatus

The `pwxStatus` column is to be interpreted as follows:

pwxStatus	Description
0	Authentication status is unknown
1	Authentication was successful
2	Authentication failed

1.4 Plugin Report Output

The number of passwords extracted is reported.