

BYPASSING RESTRICTION FROM PDF



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INTRODUCTION

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BYPASSING RESTRICTION FROM PDF

Introduction:

PDF files can be protected and restricted from opening, editing, copying or printing by adding a password in AES 128 Bit Encryption. However, there may be cases that users need to access a PDF immediately although they don't have the password at hand.

For instance, you may have just received a PDF document from your client, boss or colleague who's out on vacation and can't be contacted, and you need to edit the file as soon as possible. You may also have encountered an encrypted document containing valuable information that you need. You can access such files with the help of a PDF restriction remover.

This document describes PDF Password Remove from different versions of acrobat reader these versions may include:

Tested Version:

Adobe Acrobat XI

Adobe Acrobat X

Adobe Acrobat 8.1.3 Pro

Considering Case 1:

A file is password protected that doesn't allow to the following options:

Print

Content Copy

Commenting

Creating of Template Pages

Submitting Forms

Document Assembly

Ghost Script allow a PDF to disable the password restrictions

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DEMONSTRATION

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DEMONSTRATION

Steps for Unlocking a PDF Document:

Steps for unlocking a Password protected PDF file:

- 1) Install Ghost Script from <http://www.ghostscript.com>
- 2) Currently we are using Ghost Script 9.18 (32 bit) for Windows
- 3) After installing Ghost Script open command prompt.
- 4) Go to the Folder where Ghost script has been installed to do this following are the steps:
 - a. Cd\
b. Cd Program Files
c. Cd gs
d. Cd gs9.18
e. Cd bin
- 5) The Final command will appear as follow

```
C:\Program Files\gs\gs9.18\bin>gswin32.exe -sPDFPassword=hello -sDEVICE=pdfwrite  
-o bcp2.pdf c:\Users\Administrator\bcp.pdf  
C:\Program Files\gs\gs9.18\bin>_
```

Figure 1



DEMONSTRATION(CONT'D)

Figure 1 explains that

- 1) gswin32.exe : is the Ghost script for 32 Bit Windows Operating system
- 2) -sPDFPassword: some password that may be assigned by ourselves
- 3) -sDEVICE=pdfwrite : asking about the PDF statement to be read only or write only , in this case we are using PDFWRITE option
- 4) -o : output of the file should be named as "BCP2.PDF"
- 5) Path of the File : this is the actual Password Protected file to be located as shown above

Result:

```
Ghostscript
Page 2
Page 3
Page 4
Page 5
Page 6
Page 7
Page 8
Page 9
Loading StandardSymL font from %rom%Resource/Font/StandardSymL... 5125932 371673
3 5852380 4178967 3 done.
Page 10
Page 11
Can't find (or can't open) font file %rom%Resource/Font/ArialMT.
Can't find (or can't open) font file ArialMT.
Can't find (or can't open) font file %rom%Resource/Font/ArialMT.
Can't find (or can't open) font file ArialMT.
Querying operating system for font files...
Didn't find this font on the system!
Substituting font Helvetica for ArialMT.
Loading NimbusSanL-Reg font from %rom%Resource/Font/NimbusSanL-Reg... 5438724 40
66187 6113680 4425964 3 done.
Page 12
Page 13
Page 14
Page 15
Page 16
Page 17
Page 18
Page 19
Page 20
```

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DEMONSTRATION(CONT'D)

Ghost Script Results:

1. Print
2. Content Copy
3. Commenting
4. Creating of Template Pages
5. Submitting Forms
6. Document Assembly

Ghost Script Link: <http://www.ghostscript.com/download>



THANK YOU

