

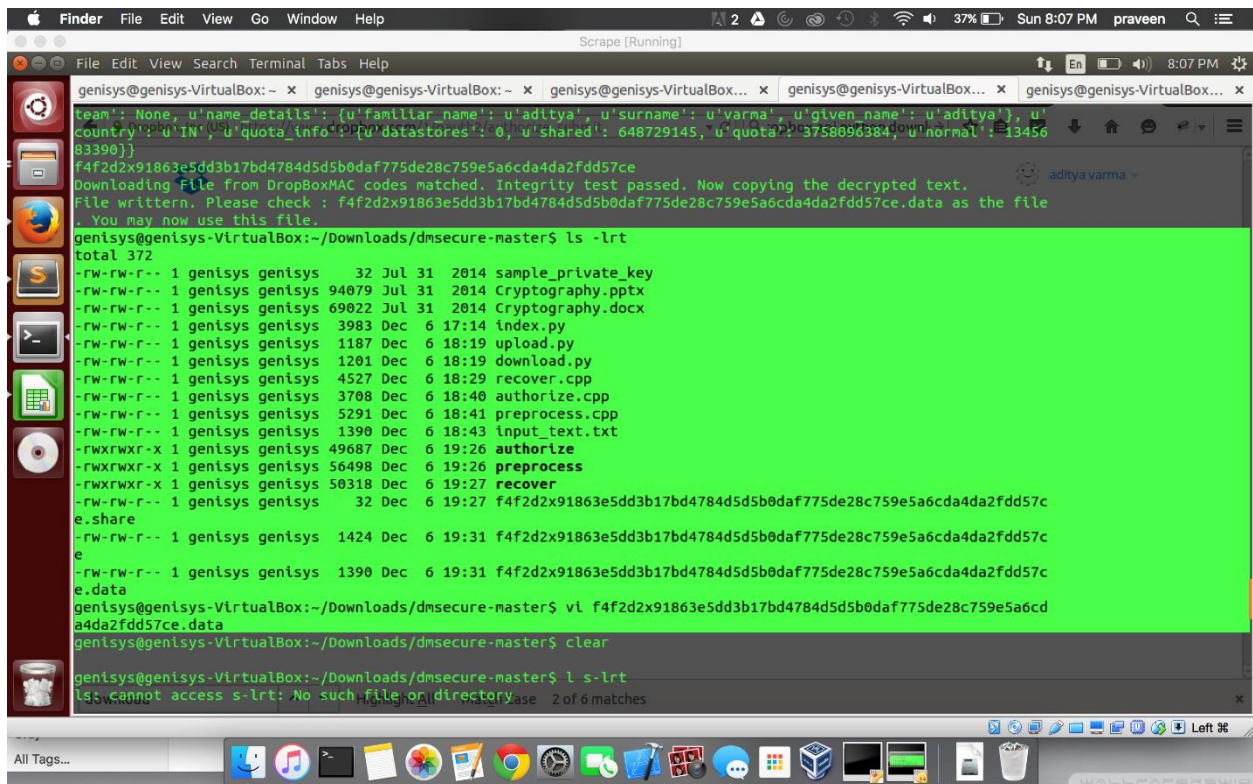
```
recovered.cpp:128:15: warning: deprecated conversion from string constant to 'char*' [-Wwrite-strings]
    char* iv = "01234567890123456";
                  ^
genisys@genisys-VirtualBox:~/Downloads/dmsecure-master$ clear

genisys@genisys-VirtualBox:~/Downloads/dmsecure-master$ ./authorize sample_private_key input_text.txt
256 bits were written in shared_key
Share file Key:f4f2d2x91863e5dd3b17bd4784d5d5b0daf775de28c759e5a6cda4da2 added to dropbox
The file should be stored on the server by name fn2.

genisys@genisys-VirtualBox:~/Downloads/dmsecure-master$ ./process f4f2d2x91863e5dd3b17bd4784d5d5b0daf775de28c759e5a6cda4da2 added to dropbox
11392 bits were written in the encrypted file
1. Go to: https://www.dropbox.com/1/oauth2/authorize?response_type=code&client_id=nudrph66fzkbry1
2. Click "Allow" (you might have to log in first)
3. Copy the authorization code.
Enter the authorization code here: ptJMe6q_pjYAAAAAAAIQZlGKwUslJM7nE8nnPccM
linked account: {u'referral_link': u'https://db.tt/Zv9Xd1tb', u'display_name': u'aditya varma', u'uid': 84599151, u'locale': u'en', u'email_verified': True, u'email': u'adityavarma.k369@gmail.com', u'is_paired': False, u'team': None, u'name_details': {u'familiar_name': u'aditya', u'surname': u'varma', u'given_name': u'aditya'}, u'country': u'IN', u'quota_info': {u'datastores': 0, u'shared': 648729145, u'quota': 3758096384, u'normal': 1345681966}}
updated and uploaded encrypted integrity file: {u'icon': u'page_white', u'bytes': 1424, u'thumb_exists': False, u'rev': u'd2083b6806', u'modified': u'Mon, 07 Dec 2015 00:29:35 +0000', u'shareable': False, u'client_mtime': u'Mon, 07 Dec 2015 00:29:35 +0000', u'path': u'/f4f2d2x91863e5dd3b17bd4784d5d5b0daf775de28c759e5a6cda4da2 added to dropbox', u'is_dir': False, u'size': u'1.4 KB', u'root': u'dropbox', u'mime_type': u'application/octet-stream', u'revision': 2002}
Following file has a Local copy and also uploaded to DropBox : f4f2d2x91863e5dd3b17bd4784d5d5b0daf775de28c759e5a6cda4da2 added to dropbox

genisys@genisys-VirtualBox:~/Downloads/dmsecure-master$ clear

genisys@genisys-VirtualBox:~/Downloads/dmsecure-master$ ./recover f4f2d2x91863e5dd3b17bd4784d5d5b0daf775de28c759e5a6cda4da2 added to dropbox
Recovered File Key: f4f2d2x91863e5dd3b17bd4784d5d5b0daf775de28c759e5a6cda4da2 added to dropbox
```

```
genisys@genisys-VirtualBox:~$ ls -l
total 372
-rw-rw-r-- 1 genisys genisys 32 Jul 31 2014 sample_private_key
-rw-rw-r-- 1 genisys genisys 94079 Jul 31 2014 Cryptography.pptx
-rw-rw-r-- 1 genisys genisys 69022 Jul 31 2014 Cryptography.docx
-rw-rw-r-- 1 genisys genisys 3983 Dec 6 17:14 index.py
-rw-rw-r-- 1 genisys genisys 1187 Dec 6 18:19 upload.py
-rw-rw-r-- 1 genisys genisys 1201 Dec 6 18:19 download.py
-rw-rw-r-- 1 genisys genisys 4527 Dec 6 18:29 recover.cpp
-rw-rw-r-- 1 genisys genisys 3708 Dec 6 18:40 authorize.cpp
-rw-rw-r-- 1 genisys genisys 5291 Dec 6 18:41 preprocess.cpp
-rw-rw-r-- 1 genisys genisys 1390 Dec 6 18:43 input_text.txt
-rwxrwxr-x 1 genisys genisys 49687 Dec 6 19:26 authorize
-rwxrwxr-x 1 genisys genisys 56498 Dec 6 19:26 preprocess
-rwxrwxr-x 1 genisys genisys 50318 Dec 6 19:27 recover
-rw-rw-r-- 1 genisys genisys 32 Dec 6 19:27 f4f2d2x91863e5dd3b17bd4784d5d5b0daf775de28c759e5a6cda4da2fdd57ce
e.share
-rw-rw-r-- 1 genisys genisys 1424 Dec 6 19:31 f4f2d2x91863e5dd3b17bd4784d5d5b0daf775de28c759e5a6cda4da2fdd57ce
e.data
-rw-rw-r-- 1 genisys genisys 1390 Dec 6 19:31 f4f2d2x91863e5dd3b17bd4784d5d5b0daf775de28c759e5a6cda4da2fdd57ce
e.data
genisys@genisys-VirtualBox:~/Downloads/dmsecure-master$ clear
genisys@genisys-VirtualBox:~/Downloads/dmsecure-master$ s-lrt
ls: cannot access s-lrt: No such file or directory
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