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|  | 以用户为中心 与商家共成长  User-Centered; Growing with Merchants | |
| RSA-S密钥对的生成与使用  Generation and Use of RSA-S Key Pairs | 密级：公开  Security Classification: Public |

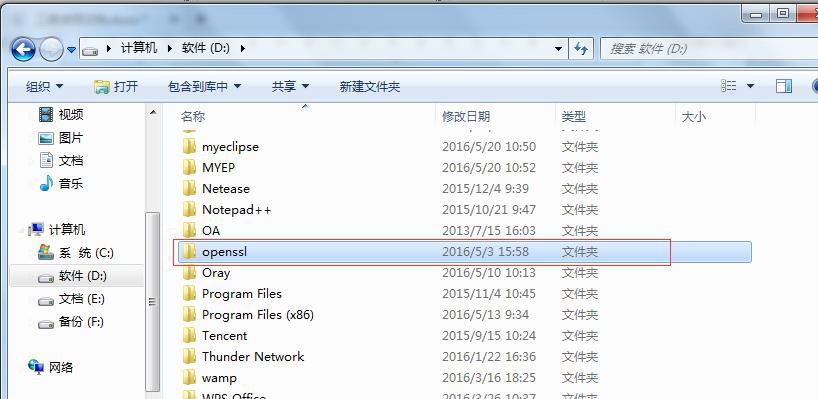
**How to get the keys**

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| **Writer** | **Updated** |
| **Technical Support Dept** | **2016-07-10** |

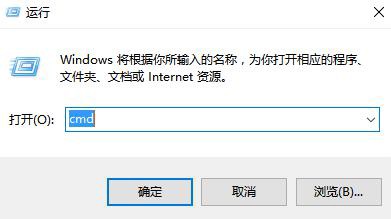
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# Run the software

Step 1: Unzip the and copy “openssl” file to your local disk, such as D disk:



Step 2: run “cmd” command and open the command prompt window.



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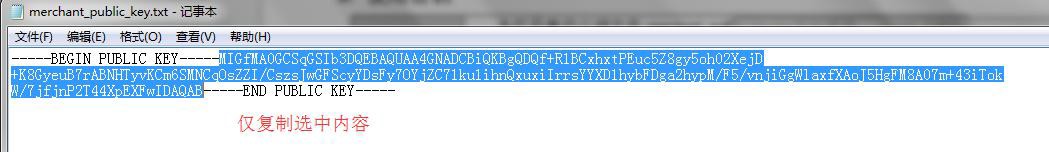
# To generate the keys

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| commands | Type the following four commands on CMD window(please copy those commands on  commands.txt if you don’t want to type)：  **cd /d D:\openssl\bin**  **openssl genrsa -out key.pem 1024**  **openssl rsa -in key.pem -pubout -out merchant\_public\_key.txt**  **openssl pkcs8 -topk8 -inform PEM -in key.pem -out merchant\_private\_key.txt -nocrypt**  If no error message,it means keys are generated sucessfully. |
| **merchant\_p rivate\_key** |  |
| **merchant\_p ublic\_key** |  |

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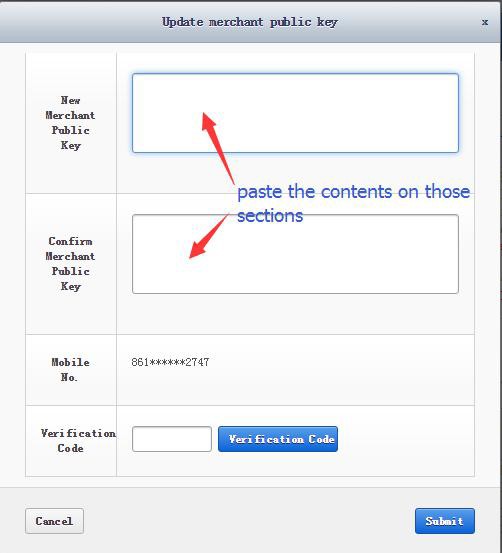
1. Using the keys

Open merchant\_public\_key.txt at first,then copy the contents between -----BEGIN PUBLIC KEY----- and -----END PUBLIC KEY-----：



## merchant\_publi c\_key

Paste the contents on merchant system(upload the merchant\_public\_key)：

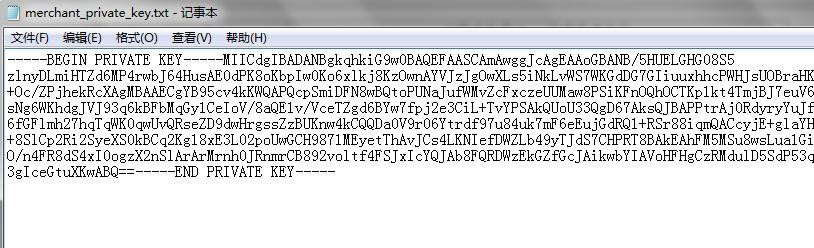


Click “Submit” to finish the upload.

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## merchant\_privat e\_key

Open merchant\_private\_key.txt(don’t edit it on this txt file)：



Using it as sample code does.