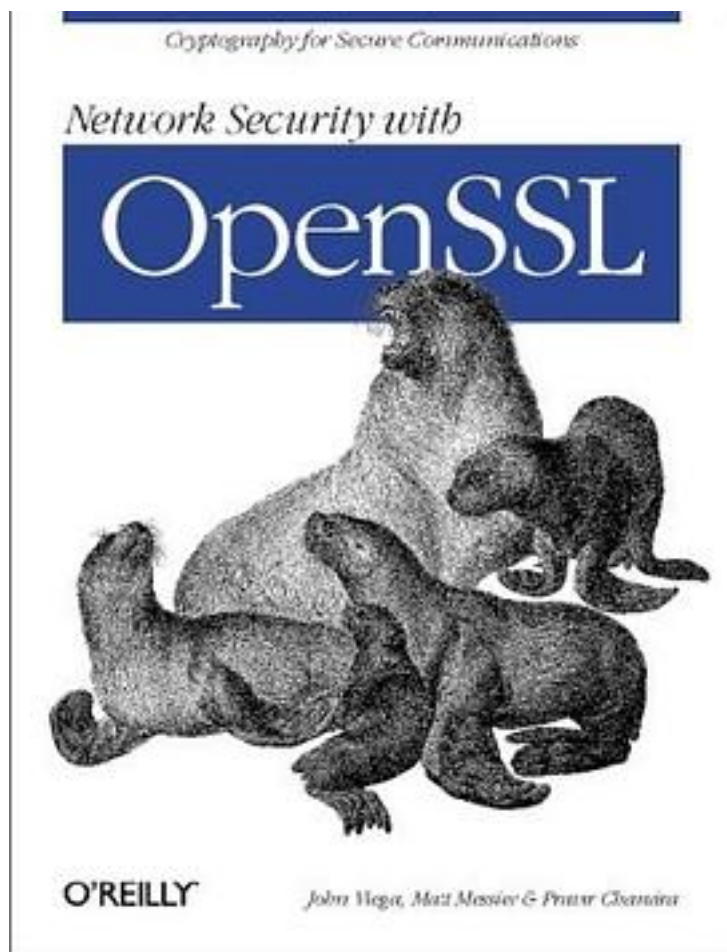# Network Security with OpenSSL

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Most applications these days are at least somewhat network aware, but how do you protect those applications against common network security threats? Many developers are turning to OpenSSL, an open source version of SSL/TLS, which is the

most widely used protocol for secure network communications. The OpenSSL library is seeing widespread adoption for web sites that require cryptographic functions to protect a broad range of sensitive information, such as credit card numbers and other financial transactions. The library is the only free, full-featured SSL implementation for C and C++, and it can be used programmatically or from the command line to secure most TCP-based network protocols. Network Security with OpenSSL enables developers to use this protocol much more effectively. Traditionally, getting something simple done in OpenSSL could easily take weeks. This concise book gives you the guidance you need to avoid pitfalls, while allowing you to take advantage of the library?s advanced features. And, instead of bogging you down in the technical details of how SSL works under the hood, this book provides only the information that is necessary to use OpenSSL safely and effectively. In step-by-step fashion, the book details the challenges in securing network communications, and shows you how to use OpenSSL tools to best meet those challenges. As a system or network administrator, you will benefit from the thorough treatment of the OpenSSL command-line interface, as well as from step-by-step directions for obtaining certificates and setting up your own certification authority. As a developer, you will further benefit from the in-depth discussions and examples of how to use OpenSSL in your own programs. Although OpenSSL is written in C, information on how to use OpenSSL with Perl, Python and PHP is also included. OpenSSL may well answer your need to protect sensitive data. If that?s the case, Network Security with OpenSSL is the only guide available on the subject.

作者介绍:

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标签

OpenSSL

Security

网络安全

SSL

计算机

信息安全

Programming

Network

评论

很老了，其中的命令直接执行的话基本都会报错

关于加解密，程序员应该了解的基本知识都囊括了，如果不需要ssl编程，api部分可以跳着读。

要用OpenSSL，备一本还是不错的

想用好此库 还得下苦功夫啊 目前可见最好的文档了...

章节安排不合理，内容分布不合理

内容比较 practical，就是用的 openssl 的版本老了一点。

写shadowsocks-haskell参考了它

读过1、4、5章可以基本了解openssl的编程，其他章节可以后续参考

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书评

The goal of this book is to document the OpenSSL library and how to use it properly. This is a book for practitioners, not for security experts. We'll explain what you need to know about cryptography in order to use it effectively, but we don't attempt to w...

如果你要使用或了解openssl，这是一本还不错的书。不过由于本人对SSL协议及加密算法的了解不够，读起来比较费力。所以是挑选其中的一些章节出来阅读，感觉受益匪浅。最近准备找本加密算法的基础书读读。

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this book is suitable to the reference to programmer. Not suitable to the learning the details of algorithm involved in the openssl.

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