

图书基本信息

书名：<<用TCP/IP进行网际互连第二卷>>

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## 内容概要

本书是关于计算机网络的经典教材，是目前美国大多数大学所开设的计算机网络课程的主要参考书。全书共三卷。

第二卷在第一卷介绍了TCP/IP基本概念的基础上，进一步详细讨论了TCP/IP的实现细节。

这一卷的突出特点 非常注重实际。

作者利用程序代码实现了TCP/IP的每个技术细节，并且所有代码在书中均可找到，有助于读者深入了解并掌握TCP/IP的细节内容。

书中附录分别给出了过程调用交叉参考表、程序代码中用到的C数据结构交叉参考表及Xinu函数和常量。

## 作者简介

Douglas E.Comer：普度大学的一位杰出的计算机科学教授，思科系统公司的访问教授成员，并且是计算机网络和TCP / IP以及因特网方面的国际公认的专家。

他的著作已翻译成16种语言，并广泛用于世界各地的工业界和学术界。

作为他的得意之作，这套共分三卷的《用TcP / IP进行网际互连》彻底改变了组网和网络方面的教育，并且他的不断创新的工作继续影响着研究生和大学生所学的课程。

作为美国计算机学会的会士，在他获得的许多荣誉中包括Usenix终生成就奖。

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编辑推荐

《用TCP/IP进行网际互连第2卷:设计、实现与内核(ANSI C版)(第3版)(英文版)》一代又一代的专业技术人员}RDouglas Comer的《用TCP / IP进行网际互连》视为了解那些使因特网得以运转的协议和技术的敲门砖，它思路清晰，简单易懂。

《用TCP/IP进行网际互连第2卷:设计、实现与内核(ANSI C版)(第3版)(英文版)》是其中的第二卷，作者深入探讨了TCP / IP的设计方案，考察了每个协议的具体细节及实现技术，并着重介绍了协议软件的内部机制。

贯穿全书的是一个利用ANSI C构建的可运行系统，用来讲解协议之间的交互操作、完整的实现过程及内部结构。

《用TCP/IP进行网际互连第2卷:设计、实现与内核(ANSI C版)(第3版)(英文版)》主要特点：对一些协议的修改和更新，其中的代码已升级为ANSI标准C语言包含大多数协议的运行资源代码，包括TCP、IP、ICMP、IGMP、UDP、ARP、RIP、SNMP和OSPF的重要部分利用ANSI C定义了数据结构、常量及过程和进程的代码全面介绍了IETF设计的开放最短路径优先（OSPF）链路状态路由协议支持用于IP户组播的IGMP协议，以及用于音频和视频组播的OSPF路由协议讲解了紧急数据处理

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