

<<计算机网络>>

图书基本信息

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内容概要

本书采用自顶向下的方法对计算机网络和先进的互联网技术进行了清晰而透彻的讲解。主要内容分为七部分，首先介绍计算机网络和互联网基础，包括互联网历史和现状，OSI和TCP/IP协议等；第二部分介绍互联网上的各种应用；第三部分讲述传输协议，包括TCP和UDP，也介绍了端对端性能和拥塞管理；第四部分集中讲解拥塞控制和服务质量，包括所用到的协议；第五部分讲互联网路由的主要方法；第六部分讲解支持互联网数据传输的网络和链路层的协议和技术；第七部分引入了网络安全和网络管理这两个重要话题。

本书适合作为计算机、信息管理相关专业本科高年级或研究生低年级学生的教材，也是IT相关专业技术人员的有效参考书。

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作者简介

William Stallings：在计算机网络与体系结构方面成就卓著。他六次荣获由“教材与大学作者协会”颁发的“年度最佳计算机科学与工程教材”奖，作品包括《操作系统——精髓与设计原理》、《计算机组成与体系结构》和《数据与计算机通信》等。他是致力于密码学各个方面的学术期刊

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