Tipe Koleksi: eBook - Sains & Teknologi

Wireless Network Aministration - A Beginner's Guide

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Abstrak

The book contains five parts and concludes with an appendix on
troubleshooting. Part I: Overview - This part of the book provides an introduction to the world of wireless
technologies.

This world is governed mostly by standards (guidelines) that, among other things, aid in ensuring
interoperability among similar and countless wireless devices. Part II: Hardware - The standards discussed
in Part I are implemented partly in the hardware. And
the regulatory bodies discussed in Part I influence how wireless networking hardware transmits and receives
wireless signals. Part III: WLAN, WWAN, WMAN, and WPAN - This part delves into the numerous
methods used for carrying out wireless communications: wireless local area networks (WLANs), wireless
wide area networks (WWANs), wireless metropolitan area networks (WMANs), and wireless personal area
networks (WPANs). Which method is best is determined
by the specific application or scenario. Part IV: Protocols, Services, and Security in Wireless Networks -
Part IV covers some protocols and services that are layered on top of the different
wireless technologies. These protocols and services work steadily in the background of most wireless
networks to make the network useful to the end user. They serve as the glue for the networks. Part V:
Wireless Devices Configuration and Other Wireless Network Considerations This part brings together
everything discussed thus far into the practical world. It begins by laying the foundation for a heterogeneous
wireless network consisting of different infrastructure hardware and different wireless clients.