Ninagawa

IoT Communication Performance Analysis

This book deals with analysis techniques for TCP, UDP, Web, and SOAP data transmission performance on the IoT cloud side, CSMA-type, and multi-hop data transmission performance on the IoT edge side, as well as gateway receives buffer and transmit packet assembly data transmission performance.

As mathematical tools for the analysis of communication performance, universal analysis methods such as stochastic processes, queues, Markov processes, and communication traffic simulators are applied to actual examples, and their usage is described in detail. This book aims to provide lifelong skills for analyzing communication performance that will serve as the basis for the future evolution of the IoT.

This book deals with analysis techniques for TCP, UDP, Web, and SOAP data transmission performance on the IoT cloud side, CSMA-type, and multi-hop data transmission performance on the IoT edge side, as well as gateway receives buffer and transmit packet assembly data transmission performance.As mathematical tools for the analysis of communication performance, universal analysis methods such as stochastic processes, queues, Markov processes, and communication traffic simulators are applied to actual examples, and their usage is described in detail. This book aims to provide lifelong skills for analyzing communication performance that will serve as the basis for the future evolution of the IoT.



117,69 €
109,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9789811908613
Medium: Buch
ISBN: 978-981-19-0861-3
Verlag: Springer
Erscheinungstermin: 13.04.2023
Sprache(n): Englisch
Auflage: 1. Auflage 2022
Serie: Transactions on Computer Systems and Networks
Produktform: Kartoniert
Gewicht: 341 g
Seiten: 208
Format (B x H): 155 x 235 mm

Kundenservice Verlag Dr. Otto Schmidt KG
Neumannstraße 10, 40235 Düsseldorf | kundenservice@otto-schmidt.de | 0221-93738-997 (Inland)