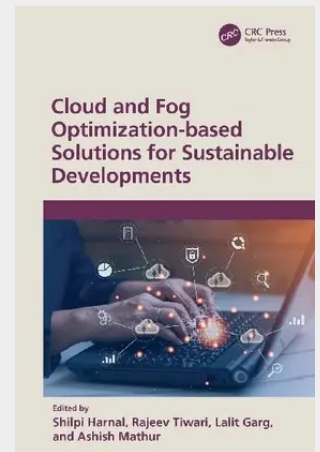


Cloud and Fog Optimization-based Solutions for Sustainable Developments

Cloud and Fog Optimization-based Solutions for Sustainable Developments discusses the integration of fog computing and the Internet of Things to provide scalable, secure, and cost-effective digital infrastructures for smart services in diverse domains: - Highlights resource management solutions for the Internet of Things devices in fog computing architectures - Discusses waste management using cloud and fog computing for sustainable development, and optimization of the Internet of Things in fog computing for fault tolerance - Covers smart surveillance and monitoring using cloud and fog computing, and energy-efficient smart healthcare - Explains energy-efficient frameworks for cloud-fog environments for sustainable development, and smart grid infrastructure using cloud and fog computing - Presents the management of metropolitan mobility for public transport and smart vehicles with cloud and fog computing The text is primarily written for senior undergraduates, graduate students, and academic researchers in the fields of electrical engineering, electronics and communications engineering, computer science and engineering, and information technology.

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