

1. Record Nr.	UNINA9910299194903321
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Titolo	Cloud Networking for Big Data // by Deze Zeng, Lin Gu, Song Guo
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-24720-4
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (114 p.)
Collana	Wireless Networks, , 2366-1186
Disciplina	004.6782
Soggetti	Computer communication systems Database management Computer Communication Networks Database Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Networking Evolution towards Cloud Networking -- Background Introduction -- Fundamental Concepts -- Cloud Networking -- Cost Efficient Big Data Processing in Cloud Networking enabled Data Centers -- Cost Minimization for Big Data Processing in Geo-Distributed Data Centers -- A General Communication Cost Optimization Framework for Big Data Stream Processing in Geo-distributed Data Centers -- Conclusion and Future Work.
Sommario/riassunto	This book introduces two basic big data processing paradigms for batch data and streaming data. Representative programming frameworks are also presented, as well as software defined networking (SDN) and network function virtualization (NFV) technologies as key cloud networking technologies. The authors illustrate that SDN and NFV can be applied to benefit the big data processing by proposing a cloud networking framework. Based on the framework, two case studies examine how to improve the cost efficiency of big data processing. Cloud Networking for Big Data targets professionals and researchers working in big data, networks, wireless communications and information technology. Advanced-level students studying computer science and electrical engineering will also find this book valuable as a study guide. .

