

1. Record Nr.	UNINA9910741183803321
Autore	Deshpande Prachi S
Titolo	Security and Data Storage Aspect in Cloud Computing [[electronic resource] /] / by Prachi S. Deshpande, Subhash C. Sharma, Sateesh K. Peddoju
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2019
ISBN	981-13-6089-8
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XII, 85 p. 39 illus., 24 illus. in color.)
Collana	Studies in Big Data, , 2197-6503 ; ; 52
Disciplina	621.382
Soggetti	Telecommunication Computer security Big data Communications Engineering, Networks Systems and Data Security Big Data
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Introduction -- 2. Host-based Intrusion Detection System -- 3. Network-based Intrusion Detection System -- 4. Data Security and Storage Module in Cloud -- 5. Conclusions and Research Direction.
Sommario/riassunto	This book analyses the various security threats in cloud computing. A host-based IDS (HIDS) using signature verification is developed and implemented for the concerned security issues. Further, owing to the vulnerability of distributed denial of service (DDoS) attacks in cloud computing, a network based IDS (NIDS) is developed and implemented against such attacks. The performance of these IDS is verified in the Cloud scenario as well against the standard data set. Finally, a simple data storage and security model is developed and implemented for the Cloud computing scenario. The contents of this book will be of interest to researchers and professionals alike.