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and Challenges. -- VMeta: A QoS Dataset for Metaverse Services. -- OptimalFix:An Automated Framework for Fixing Vulnerabilities in Smart Contracts Effectively. -- Visionary Security Framework for Blockchain Integrated Metaverse Platform. -- Trustworthy System and Cryptocurrencies. -- Analysis of Cryptocurrencies Mixing Services and Its Regulatory Mechansim. -- A Cross-chain Model Based on Credit Hierarchical Notary Group for IoT Roaming Settlement. -- GDCTSA: A Grouped Data Collection Scheme for Trustworthy Systems Assessment. -- Privacy Vulnerability Analysis of Bitcoin Network. -- Deduplication Cloud Storage Integrity Auditing with Unpredictable Challenge Messages. -- Blockchain Applications. -- Drug traceability and health monitoring system with Hyperledger Fabric. -- BCPA-OC Blockchain-Based Conditional Privacy-Preserving Authentication with Out-of-Band Communication for VANETs. -- BBDAS: Blockchain-assisted Blinded Data Auditing Scheme for Cloud-Edge Systems. -- A Blockchain-Based Tamper-Resistant Broadcast Encryption Scheme. -- Joint Optimization of Task Offloading and Resource Allocation in Blockchain-Enabled Vehicular Fog Computing Networks.

Sommario/riassunto

This two-volume set CCIS 2264 and CCIS 2265 constitutes the refereed proceedings of the 6th International Conference on Blockchain and Trustworthy Systems, BlockSys 2024, held in Hangzhou, China, during July 12–14, 2024. The 34 full papers presented in these two volumes were carefully reviewed and selected from 74 submissions. The papers are organized in the following topical sections: Part I: Blockchain and Data Mining; Data Security and Anomaly Detection; Blockchain Performance Optimization. Part II: Frontier Technology Integration; Trustworthy System and Cryptocurrencies; Blockchain Applications.