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A New Secure NIST P-256 Compatible Elliptic Curve for VoIP Applications' Security -- Ucam: A User-Centric, Blockchain-Based and End-to-End Secure Home IP Camera System -- Private Global Generator Aggregation from Different Types of Local Models -- Perturbing Smart Contract Execution through the Underlying Runtime -- Blockchain based Multi-keyword Similarity Search Scheme over Encrypted Data -- Using the Physical Layer to Detect Attacks on Building Automation Networks -- Formalizing Dynamic Behaviors of Smart Contract Workflow in Smart Healthcare Supply Chain -- Malware Classification using Attention-based Transductive Learning Network -- COOB: Hybrid secure device pairing scheme in a hostile environment -- A robust watermarking scheme with high security and low computational complexity -- Selecting Privacy Enhancing Technologies for IoT-Based Services -- Khopesh - Contact Tracing Without Sacrificing Privacy. .

| Sommario/riassunto | This two-volume set LNICST 335 and 336 constitutes the post-conference proceedings of the 16th International Conference on Security and Privacy in Communication Networks, SecureComm 2020, held in Washington, DC, USA, in October 2020. The conference was held virtually due to COVID-19 pandemic. The 60 full papers were carefully reviewed and selected from 120 submissions. The papers focus on the latest scientific research results in security and privacy in wired, mobile, hybrid and ad hoc networks, in IoT technologies, in cyber-physical systems, in next-generation communication systems in web and systems security and in pervasive and ubiquitous computing. . |