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Blockchain technology is a type of distributed database that uses a series of data blocks that are sequentially ordered, and secured with a series of successive cryptographic hashes. All holders of the database possess the entire database and can verify it by verifying the historical cryptographic hashes. In this presentation, we present a method for using blockchain databases to distribute domain name system data throughout a network, leading to a more resilient and stable system capable of withstanding concerted cyber attacks from well-funded adversaries. Beyond the method, we provide a working implementation that interacts seamlessly with the existing Internet naming system and provide examples of other mechanisms blockchain technology can secure critical infrastructure. (Received September 26, 2018)