



ISOLATED BLOCKCHAIN NETWORKS HOSTED IN IBM CLOUD WITH ULTRA HIGH SECURITY AND PERFORMANCE FOR CHAINS WITH SENSITIVE DATA, SECURITY CONCERNS AND IN REGULATED INDUSTRIES.

KEY CAPABILITIES

Dedicated Compute: Four connected peers and a certifying authority in an isolated partition on dedicated compute

SecureKey and High Security Module: On board HSM with tamper resistant cards providing up to FIPS 140-2 Level 4 security

Secure Service Container: Protection from horizontal and vertical tampering with all code running in a secure virtual appliance

Performance Hardware accelerators: Crypto optimization supports an environment that moves hashing and symmetric encryption to accelerators and optimizes digital signatures to reduce drain on CPU performance



THE EVERLEDGER USE CASE

Leanne Kemp, CEO and Founder of Everledger, explains how IBM Blockchain High Security helps Everledger build a digital ledger.

"When you are in the business of provenance, secured records, access and transparency are everything. There is no compromise when it comes to security and one cannot underestimate the expertise required to enable this."

VALUE ADD

Prevent Edward Snowden-type attack:

Protection against misuse of privileged user credentials

Data Privacy: Participants in a business network can't see each other's private data

