operating calculation node of the calculation cluster corresponding to the other institution identifiers for consensus, and obtains the transaction information after the consensus returned by the calculation cluster corresponding to the identifier of the other institution, the calculation node calculating the transaction information after the consensus to obtain the corresponding blockchain data.

3. The system according to claim 1, wherein when the computing node fails to write the blockchain data into the memory database cluster, the computing node establishes a local data cache for the blockchain data, after the memory database cluster switches the memory database which fail to write into other memory databases, the computing node writes the local cached blockchain data into the switched memory database.

4. The system according to claim 1, wherein when the computing node fails to write the blockchain data to the disk database cluster, the computing node establishes a local data cache for the blockchain data, after the disk database cluster switches the disk database that fails to write into other disk databases, the computing node writes the locally cached blockchain data to the switched disk database.

5. The system according to claim 1, wherein the disk database cluster comprises a write database cluster and a read database cluster, the write database cluster receiving and storing blockchain data written by a computing node, the read database cluster being synchronized with the write database cluster to store blockchain data; when the computing node reads the blockchain data, reading is performed in the database cluster.