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Patent Search

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Abstract:

The present invention discloses a Blockchain-enabled cloud computing platform for distributed applications. This document presents a method and system, moreove governing, distributed control system for utility grid operations, wherein the system exhibits redundancy, scalability, resilience, traceability, and security; wherein the the capacity to transact any form of value between parties; wherein the system comprises nodes, referred to as TAG elements, forming a network known as a TAG ne wherein the TAG network is capable of functioning automatically or independently in a secure manner; and the TAG network employs an open-source, cryptographica decentralized application platform of control. The decentralized application platform is constructed on blockchain technology and further, the blockchain technology secure ledger containing a record of the network's transactions or events. Accompanied Drawing [FIGS. 1-2]

Complete Specification

Description:[001] The present invention relates to the field of the system for a Blockchain-enabled cloud computing platform for distributed applications with novel techniques, methods, devices and apparatus. The invention more particularly relates to a self-governing, distributed control system for utility grid operations and a for assessing the shift of computing components within an organization to a cloud-based environment. The invention applies blockchain technology, decentralized applications, and cloud computing principles.

BACKGROUND OF THE INVENTION

[002] The following description provides the information that may be useful in understanding the present invention. It is not an admission that any of the informati provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.

[003] Further, the approaches described in this section are approaches that could be pursued, but not necessarily approaches that have been previously conceived pursued. Therefore, unless otherwise indicated, it should not be assumed that any of the approaches described in this section qualify as prior art merely by virtue c inclusion in this section.

[004] Utility grids and computing environments have traditionally been controlled by centralized systems which can lead to inefficiencies and vulnerabilities. There i for a more resilient, scalable, secure and redundant system. Further, with the proliferation of cloud computing, it is important to have a systematic approach to trar various components and services within an organization to a cloud-based environment.

[005] A single instance of an operating system and a single instance of a business application are typically operated on a single physical server in traditional data ce

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