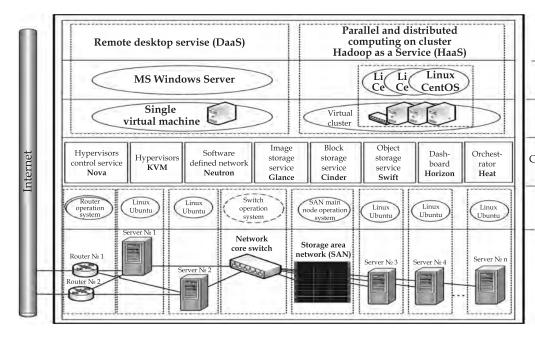
CORPORATE CLOUD PLATFORM FOR BIG DATA INTELLIGENT PROCESSING



Level 6
Application
(SaaS)
Level 5
Operation systems of virtual nodes (PaaS)
Level 4
Virtual infrastructure
(laaS)
Level 3
Cloud operation system

Cloud operation system (OpenStack)

Level 2
Operation systems of hardware nodes

Level 1Hardware
Infrastructure

Areas of Application

Advanced platform to manage data and analytic computations for decision making with equipment located on enterprise's site

Specification

Resource is limited by the number and hardware characteristics of nodes at the platform physical level. The number of units in the platform is not limited. OpenStack open source product is used as a cloud operating system. Parallel distributed computations in cluster environment are provided by common software based on open source Apache Hadoop framework

IPR Protection

IPR1

Advantages

The solution increases data processing speed, resource scalability, and virtual infrastructure mobility. The platform enables computerizing high-qualification administrative tasks. Sharing of resources raises efficiency and reduces costs of platform services. The solution negates the need for powerful PCs in the workplaces, etc.

Stage of Development. Suggestions for Commercialization

IRL3, TRL2 Local platforms for Big Data processing

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