

Title (en)

DATA CENTER MANAGEMENT SYSTEMS AND METHODS FOR COMPUTE DENSITY EFFICIENCY MEASUREMENTS

Title (de)

DATENCENTERVERWALTUNGSSYSTEME UND VERFAHREN ZUR MESSUNG VON BERECHNUNGSDICHTEEFFIZIENZ

Title (fr)

SYSTÈMES ET PROCÉDÉS DE GESTION DE CENTRE DE DONNÉES POUR CALCULER DES MESURES D'EFFICACITÉ DE DENSITÉ

Publication

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Application

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Abstract (en)

[origin: WO2020176080A1] Embodiments disclosed include data center infrastructure management (DCIM) systems and methods configured to, collect data center compute systems, power systems, and facility systems data, trigger an action or actions based on a diagnosed or predicted condition according to the collected data, and thereby control via a compute, power, and facilities module, the compute systems, power systems and facility systems in the data center. According to an embodiment, the control via the compute, power, and facilities module comprises calibrating the compute, power, and facility systems based on an estimated compute requirement, and an associated power, cooling, and network data resource requirement. The estimated compute requirement comprises estimating compute density per real-time power wattage, and storage density per real-time power wattage.

IPC 8 full level

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Citation (search report)

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