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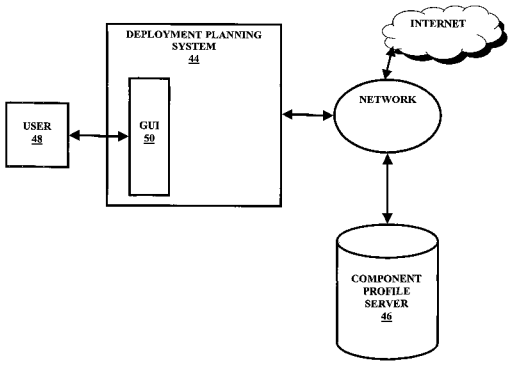
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(54) Title: A COMPUTING SYSTEM DEPLOYMENT PLANNING METHOD



(57) Abstract: Management of the enterprise applications to maintain architectural integrity and performance of the entreprise applications is critical for providing avaliability of business services to users. When components of an application or computing system are moved between two systems, there is a need to reconfigure a previously configure system. Thus, the deployment requires complicated procedures that requires specialized training in the application being installed to ensure that system integrity is preserved at all times. A computing system deploymemt model introduces layers and clusters for segregating computing system, system and resources components based on their functionality and services provided thereby. Associations between components are registred in profiles to facilitate dependency tracking. The computer system deployment model allows for structured deployment of the computing system onto a host system. However, actual deployment of computing system components onto the host system is cost inefficient and time-consuming although components conflicts can be identified during the deployment stage. An embodiment of the invention facilitates deployment planning by utilising component profiles alone. A user mocks the actual deployment using a user interface to simulate different deployment configurations. The details of a successful mock deployment are captured for use in an actual deployment of the computing service and its components without compromise to the integrity of the host system. Cost consumption is also reduced by the alleviation of the need to use actual components during the deployment planning process.

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