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ABSTRACT

FAULT TRACING IN SYSTEMS WITH VIRTUALIZATION LAYERS

In a stacked system, errors detected at a user application interface of one or more host systems are associated with root cause errors at a stack level below a virtualization layer (100) by detecting an error at a user application interface; identifying an associated root cause error (230) at a lower stack level; creating an error trace entry (220) for the error; associating an error log identifier (210) with the error trace entry; making the combined error log identifier and the error trace entry into an error identifier that is inique within the plurality of host systems in said stacked system; and communicating the error identifier to any requester of a service at a user application interface of one or more host systems when the service must be failed because of the root cause error.

Fig. 2.