ABSTRACT

The present application discloses an image acceleration system, a method and an apparatus. The system includes a P2P management apparatus and a P2P service apparatus. The P2P management apparatus deployed on a managing node side acquires system information of a plurality of agent nodes and information of a root node which is abnormal in an image service cluster through the P2P service apparatus deployed on each computing node side, selects a node from the plurality of agent nodes as an alternative node for an abnormal root node according to the system information, clears the information of the root node which is abnormal from cluster networking information, sets the alternative node in the cluster networking information as the root node, and provides updated cluster networking information to the computing node in the image service cluster; the computing node processes image data according to the updated cluster networking information. By using this processing manner, even if a certain back-to-origin node goes offline, the P2P management apparatus can assign a new back-to-origin node from a P2P network; thus, data transmission efficiency can be effectively ensured, and system overhead can be effectively reduced.

Fig. 3