G00002

Distributed File System Using Scatter-Gather

Abstract

Storage capability otherwise going underutilized in a LAN (10) is made available for sharing among workstations (11) connected to the LAN (10). Systems connected to a LAN (10) are surveyed for storage capability potentially available for sharing, a weighting function is derived for each system which is indicative of shared system storage capability, and data files to be stored are scattered among and gathered from the connected systems.

Fig. 1.

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