Abstract

Provided is a distributed storage system capable of improving reliability and continuous operability while minimizing increases in management workload. A distributed storage system (100) includes storage devices (31 to 39) that store data and interface processors (21 to 25) that control the storage devices (31 to 39) in accordance with requests from a user terminal (10). Each of the storage devices (31 to 39) and the interface processors (21 to 25) store therein a node list containing an IP address of at least one of the storage devices (31 to 39). The interface processors (21 to 29) control the storage devices (31 to 39) based on the node lists. Each of the storage devices (31 to 39) make a request for the node list to a different interface processor every time. The interface processor that has received the request adds, to its own node list, the IP address of the storage device that has made the request.