

ABSTRACT

[0037] Disclosed is a fast and automatic deployment method for a cluster system by using a ramdisk. A master node is provided for sending a kernel and a system image file after pre-booting at least one worker node in a cluster system via a network. The worker node claims segments of installed RAM to form a ramdisk and buffer the system image file, and after the kernel is executed to install the system image file, a register signal is sent to the master node to request a configuration profile, and related service setup and OS installation are completed by self-setting. Therefore, the fast reading property of the RAM expedites the effect of building and automatically deploying the entire cluster system to simplify the construction complexity and maintenance effort and operation costs.

Fig. 4