

ABSTRACT

The present invention discloses a method for automatic installation of a Home NodeB, the method comprises: registering the home node B on a Home NodeB Configuration Server (HCS), and storing registration information in the HCS; the Home NodeB requests configuration from the HCS after it is powered on, and the HCS allocates resources to the Home NodeB; the Home NodeB connects to an allocated Domestic Network Controller (DNC), and the DNC obtains service control information from the HCS and allocates service resources to the home node B according to the service control information after it authenticates the Home NodeB; the Home NodeB detects the surrounding radio environment, obtains the surrounding radio environment information and reports the information to the DNC, and the DNC configures parameters for the Home NodeB according to the information. The present invention can significantly simplify the installation process of a Home NodeB, speed up the deployment of Home NodeB network, reduce the operator cost and improve the user satisfaction.