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(57) Abstract :

The present invention relates to the field of Internet of Things (IoT) devices and provisioning. More specifically, the invention relates to a system (100) and method (200) for zero-touch provisioning of IoT devices, which automates the deployment of configurations and settings for each device without any human intervention. The system (100) includes a server (106) configured to one or more processor (102) and memory (104), the zero-touch provisioning process begins with the creation of a pre-configured image for the IoT device. The image includes the operating system, firmware, applications, and device settings. The pre-configured image is stored in a repository or cloud-based storage (108). The system (100) retrieve the pre-configured image from the repository or cloud-based storage (108) and deploying to the new IoT device; and finally configure the new IoT device with user-specific settings, such as network settings, security policies, and software updates.

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