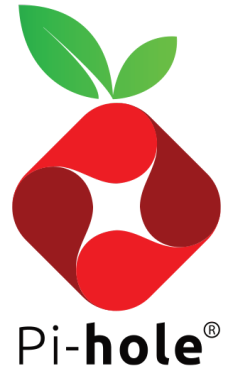
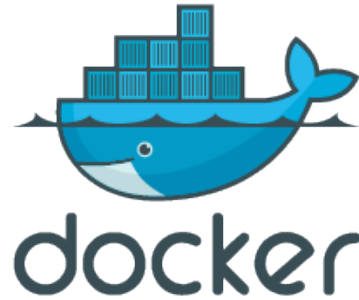


Overview: What is Pi-hole?



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Pi-hole is a network-wide ad blocker that acts as a DNS sinkhole, filtering out unwanted content, advertisements, and tracking at the network level. It's typically installed on small devices like a Raspberry Pi but can be deployed on any Linux-based system.

Key Features:

1. **Ad Blocking:** Blocks ads at the DNS level, preventing them from being loaded on any device connected to the network.
2. **Privacy Protection:** Blocks tracking scripts and domains, enhancing user privacy across devices.
3. **Network-wide Filtering:** Applies ad-blocking to all devices on the network, regardless of platform or browser.
4. **Customizable Blocklists:** Supports user-defined blocklists, allowing for granular control over what gets blocked.

5. **Web Interface:** Provides an easy-to-use web dashboard for managing blocklists, monitoring DNS requests, and viewing statistics.
6. **Low Resource Usage:** Can run efficiently on low-power devices like Raspberry Pi without affecting network performance.
7. **Whitelist/Blacklist Control:** Allows users to add specific domains to whitelist or blacklist for customized filtering.
8. **DNS Performance:** Acts as a local DNS resolver, improving browsing speed by reducing the need for external DNS queries.

Pi-hole is widely used for ad-blocking, network security, and improving overall internet performance.

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