



# AN1372: Configuring OpenThread Applications for Thread 1.3

This version of AN1372 has been deprecated with the release of Simplicity SDK Suite 2025.12.0. For the latest version, see [docs.silabs.com](https://docs.silabs.com).

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Thread 1.3 builds on Thread 1.1 and Thread 1.2's robust foundation. It defines enhancements and additions to the Thread Border Router definition to enable bidirectional IPv6 connectivity, service discovery using DNS, and provide IPv4-backwards support using NAT. It includes support for Thread-over-infrastructure (non-802.15.4 IPv6) links. Finally, to remedy throughput concerns, the specification defines support for TCP as a standard component and protocol.

**Note:** Starting with the **sisdk-2024.12.0** release, Silicon Labs includes the OpenThread stack with the current default protocol version 1.4 (=5). Prior releases defaulted to protocol version 1.3. For information on configuring OpenThread Applications for Thread 1.4, see *AN1499: Configuring OpenThread Applications for Thread 1.4*.

Silicon Labs provides components and configuration options that enable you to configure Thread 1.3 features with sample applications. These features are compatible with EFR32MG1x and EFR32MG2x SoCs, RCPs, and modules. This application note assumes you have a basic understanding of how Thread is implemented on EFR32 devices. For more information, see *UG103.11: Thread Fundamentals*.

KEY POINTS
<ul style="list-style-type: none"><li>• Including Thread 1.3 features in SoC Applications</li><li>• Including Thread 1.3 features in an OpenThread Border Router</li></ul>