

Configuring NTP on a C Series Controller

To configure NTP on a C Series Controller:

1. (Recommended) Configure NTP to automatically set the time when it starts.
 - See [Specifying Which NTP Server a C Series Controller Contacts on Startup](#).
 - See [Specifying a Basic NTP Configuration on a C Series Controller \(C-Web Interface\)](#).
2. Specify the time source and the manner in which time is synchronized between systems on the network. Configure NTP to operate in one or more of the following modes:
 - Client mode:
 - See [Configuring NTP Client Mode for a C Series Controller \(SRC CLI\)](#).
 - See [Configuring NTP Client Mode for a C Series Controller \(C-Web Interface\)](#).
 - Symmetric active (peer) mode:
 - See [Configuring an NTP Peer on a C Series Controller \(SRC CLI\)](#).
 - See [Configuring an NTP Peer for a C Series Controller \(C-Web Interface\)](#).
 - Broadcast mode:
 - See [Configuring NTP Broadcast Mode on a C Series Controller \(SRC CLI\)](#).
 - See [Configuring NTP Broadcast Mode on a C Series Controller \(C-Web Interface\)](#).
3. (Recommended) Configure NTP authentication.
 - See [Specifying an Authentication Key for NTP on C Series Controllers \(C-Web Interface\)](#).
 - See [Configuring NTP Authentication \(C-Web Interface\)](#).
4. (Optional) Configure NTP to listen for broadcast messages.
 - See [Configuring NTP as a Broadcast Client on a C Series Controller \(SRC CLI\)](#).
 - See [Specifying a Basic NTP Configuration on a C Series Controller \(C-Web Interface\)](#).
5. (Optional) Configure NTP to listen for multicast messages.
 - See [Configuring NTP as a Multicast Client on a C Series Controller \(SRC CLI\)](#).
 - See [Configuring NTP as a Multicast Client on a C Series Controller \(C-Web Interface\)](#).

- Related Topics**
- NTP Support on C Series Controllers
 - Configuration Statements for NTP on C Series Controllers
 - Verifying NTP Configuration on a C Series Controller

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