

## Configuring NTP Broadcast Mode on a C-series Controller (SRC CLI)

---

Use the following configuration statements to configure NTP on a C-series Controller to operate in broadcast mode:

```
system ntp broadcast address {  
    ttl ttl ;  
    version version ;  
}
```

To configure NTP to operate in broadcast mode:

1. From configuration mode, access the configuration statement that configures NTP broadcast, and specify the broadcast address on one of the local networks or a multicast address assigned to NTP. You can specify an IP address or a hostname.

We recommend that you use the multicast address 224.0.1.1 because the Internet Assigned Numbers Authority (IANA) assigns this address for NTP; however, you can use a different address for local deployments.

```
[edit system ntp]  
user@host# edit broadcast address
```

For example, to specify the broadcast address of 224.0.1.1:

```
[edit system ntp]  
user@host# edit broadcast 224.0.1.1
```

```
[edit system ntp broadcast 224.0.1.1]  
user@host#
```

2. (Optional) Specify the version of NTP to be used for outgoing packets.

```
[edit system ntp broadcast address ]  
user@host# set version version
```

3. (Optional) Specify the time-to-live value to transmit.

```
[edit system ntp server address ]  
user@host# set ttl ttl
```

- Related Topics**
- NTP Support on C-series Controllers
  - Specifying Which NTP Server a C-series Controller Contacts on Startup
  - Configuration Statements for NTP on C-series Controllers
  - Verifying NTP Configuration on a C-series Controller

