



ENTERPRISE ARCHITECTURE OFFICE

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Enterprise Architecture Office Resource Document Design Note - Network Time Protocol (NTP)

The Network Time Protocol provides high-accuracy clock synchronization services. MNET offers a NTP services for our customers. The preferred way to access the NTP servers is to use either of the following two names:

ntp.state.mn.us
ntp2.state.mn.us

In the past, MNET DNS servers have also been NTP servers. The current DNS servers do not provide NTP capabilities. Currently, if your default gateway is on an MNET router (and this is the case for most customers), you can enter the gateway address as your NTP server: all MNET routers are also NTP servers. Going forward, we recommend that you use the above names rather than your router for NTP service.

Documents:

- RFC2030 - Simple Network Time Protocol (SNTP) Version 4 for IPv4, IPv6 and OSI
- RFC1305 - Network Time Protocol (Version 3) Specification, Implementation
- RFC1129 - Internet Time Synchronization: The Network Time Protocol
- RFC1128 - Measured performance of the Network Time Protocol in the Internet system

These are available through the RFC Editor at <http://www.rfc-editor.org>.