

Server program over untrusted connection – UDP Server:

The server must support this services:

1. GetTime: will return the time in this format year / month / day, Hour : minute : second.
2. GetTimeWithoutDate: return the time in the format hour: minute: second.
3. GetTuneSinceEpoch: return the time in the format of seconds from 1.1.1970.
4. GetClientToServerDelayEstimation: return the mean of the lag time it takes between the client and the server.
5. MeasureRTT: measure Round Trip Time.
6. GetTimeWithoutDateOrSeconds: return the minutes and seconds.
7. GetYear: return only the year.
8. GetMonthAndDay: return only the month and day.
9. GetSecondsSinceBeginingOfMonth: return the amount of seconds that have passed from the beginning of this month.
10. GetWeekOfYear: return the week number from the start of the year.
11. GetDaylightSavings: return 1 if it is summer time otherwise 0.
12. GetTimeWithoutDateInCity: return the time in the format of hour: minute: second in the following cities: Tokyo, San – Fransisco, Malbaro and Porto.
13. MeasureTimeLap: return the amount of time from the last request of MeasureTimeLap, if the delay is over 3 minutes than the server will stop the timer.