



All archs collected!  
00:05:57



$$\Delta t' = \frac{\Delta t}{\sqrt{1-\frac{v^2}{c^2}}}$$



Right now, the official U.S. time is:



Sun is  
shining  
in light  
region

It is  
night  
in dark  
region

THE U.S. TIME IS PROVIDED BY NIST & USNO

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Right now, the official U.S. time is:

# Synchronizing

12-hr    24-hr

Click arrows to change time zone

Problems? Questions?

The world map is divided into two main regions: light (yellow) and dark (blue). A vertical line of light passes through North America, South America, Europe, Africa, and the Middle East. The text "Sun is shining in light region" is positioned above the map, and "It is night in dark region" is positioned below it.

THE U.S. TIME IS PROVIDED BY NIST & USNO  
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Waiting for www.time.gov...



Right now, the official U.S. time is:

**11:43:43 a.m.**

12-hr     24-hr

Tuesday, September 29, 2015

Eastern Time(DST)

(Corrected for network data)



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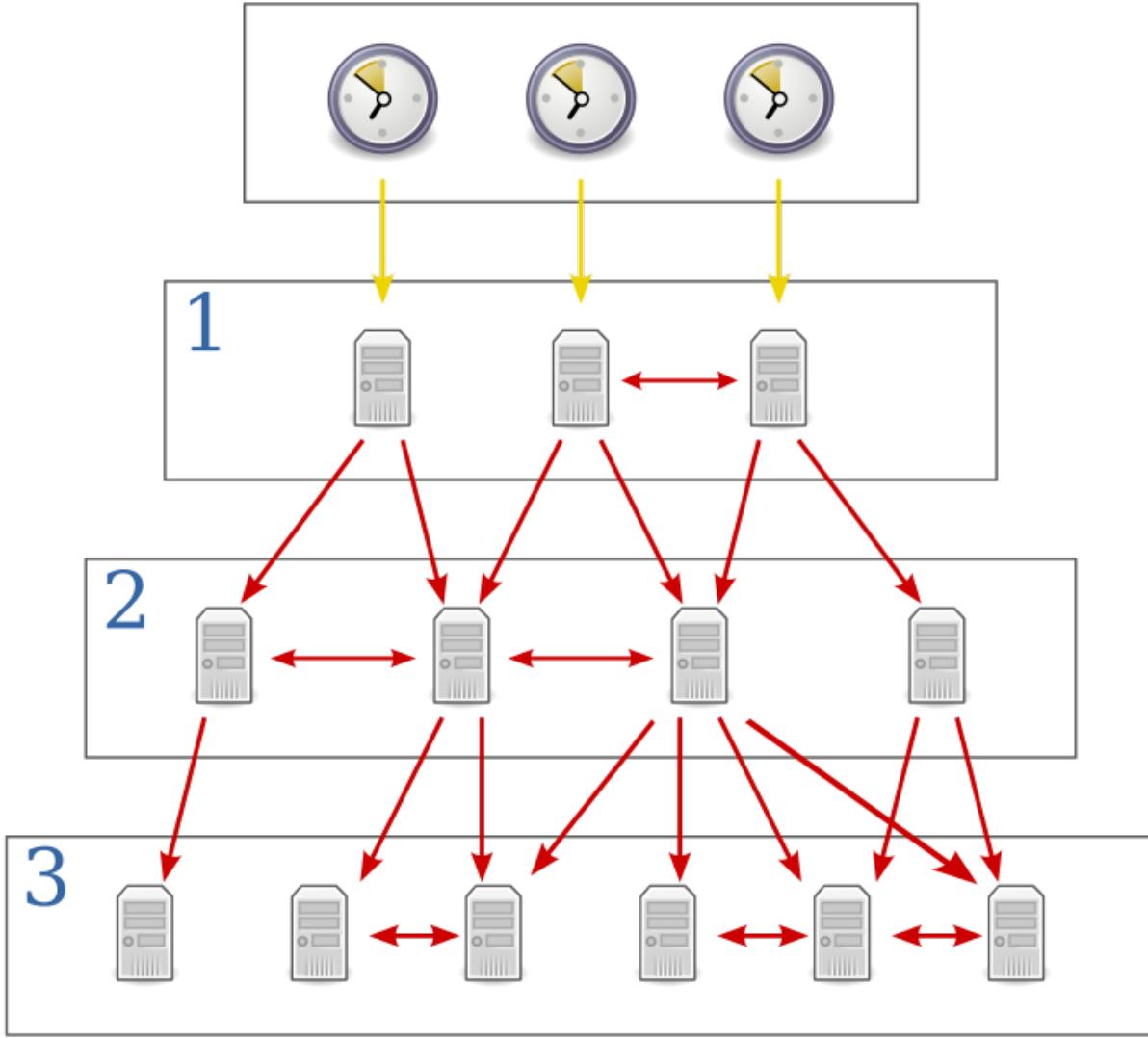
Also, try the [alternate Flash page](#) or see [About This Site](#)



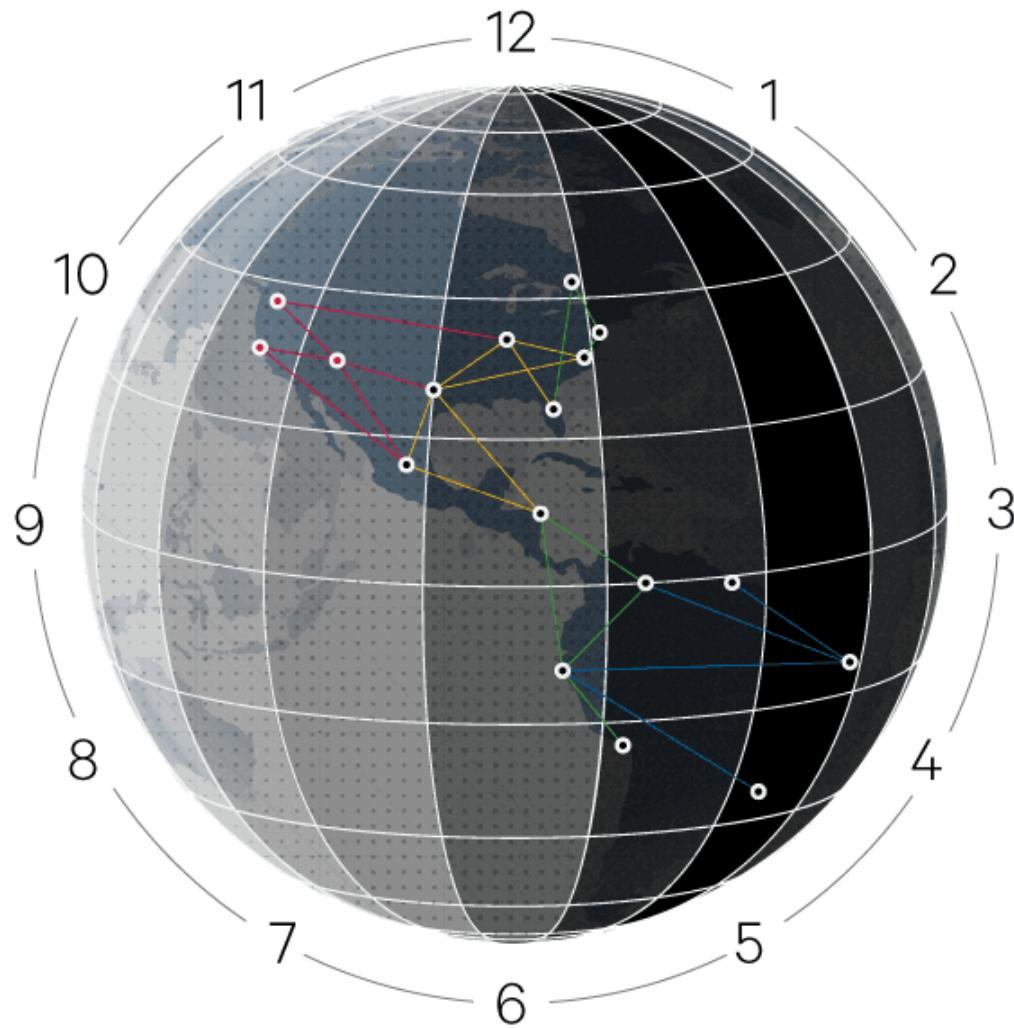
**23:59:60**

**UTC**

Tuesday 30 June 2015



Google



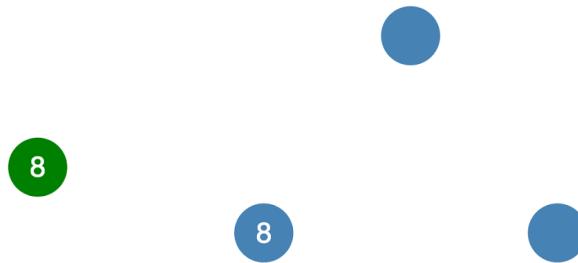
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The Secret Lives of Data



But how do we come to consensus if we have multiple nodes?

◀ Continue ➡



Method	Returns
$TT.now()$	$TTinterval: [earliest, latest]$
$TT.after(t)$	true if $t$ has definitely passed
$TT.before(t)$	true if $t$ has definitely not arrived

Table 1: TrueTime API. The argument  $t$  is of type  $TTstamp$ .



Google Data Center, Lenoir, NC, United States

