

## Why does the system uptime wraps after 497 days

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The system uptime is a 32 bit counter which has a maximum value of  $2^{32}$  or 4,294,967,296. When the counter reaches this value (after 497 days, 2 hours, 27 minutes, and 53 seconds, or approximately 16 months), it wraps back around to zero and continues to increment.