

A detailed, colorful micrograph of a computer chip die. The die is rectangular with a complex grid of circuitry. The central area is a large, orange-brown square with a fine grid pattern. This is surrounded by a blue border, which is further enclosed by a yellow border. The corners of the die are marked with small, dark squares. The overall appearance is that of a high-precision, multi-layered electronic component.

The Computer from Servant to Assistant

Noel Welsh

A silhouette of a person with long hair, wearing glasses, is shown in profile, leaning over a laptop. The scene is illuminated with a strong green light, creating a glowing effect around the person and the laptop. The background is dark, and the overall mood is focused and creative.

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```

package fleet
package bloom

import fleet.hash.Hash32
import scala.collection.mutable.BitSet

class BloomFilter[A](size: Int, nHashes: Int, hash: Hash32[A]) {

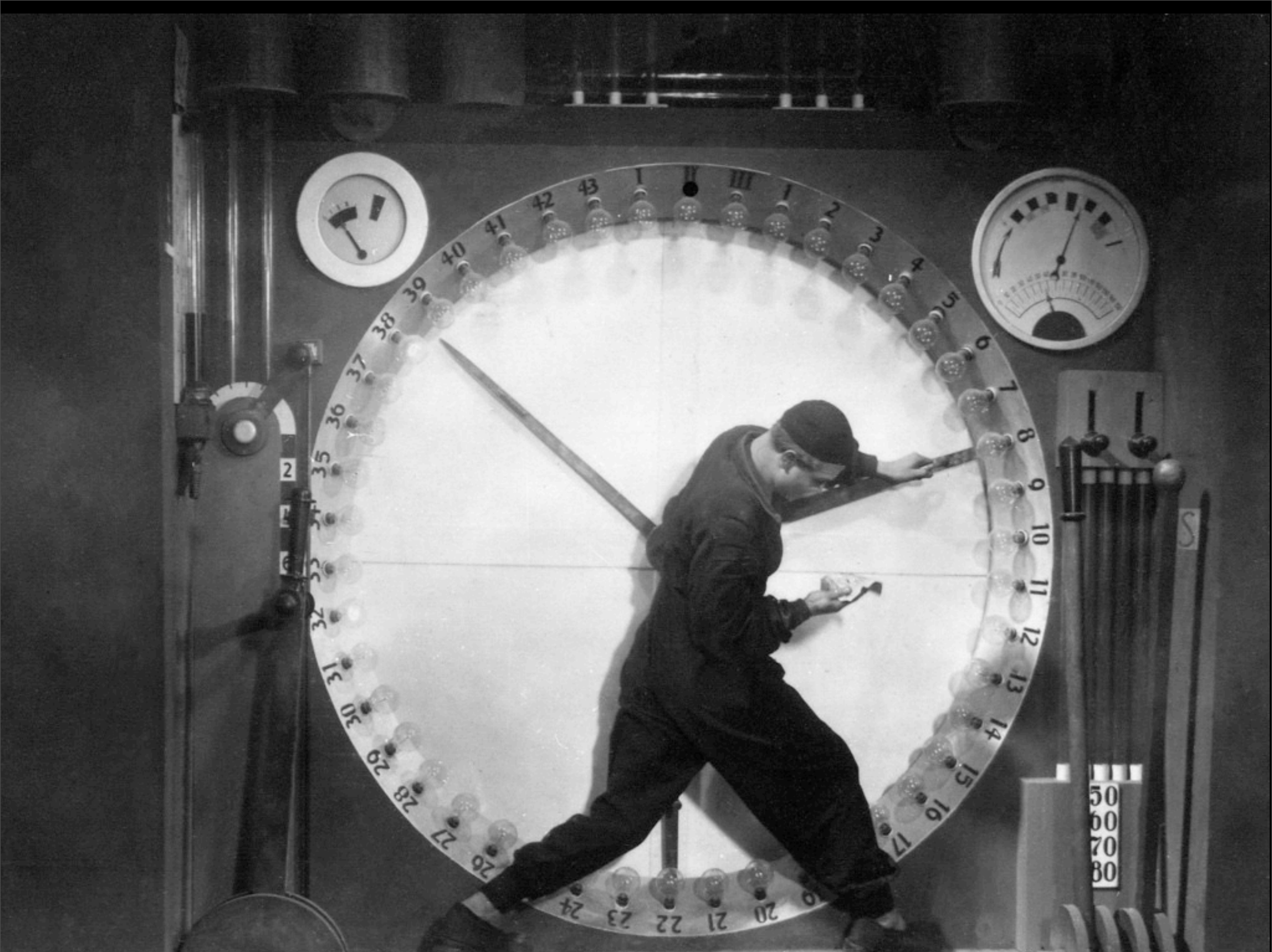
  private val bitSet = new BitSet(size)

  /**
   * Add an element to the BloomFilter
   *
   * @return true if the element was not in the filter, false otherwise
   */
  def add(elt: A): Boolean = {
    foldHashes(elt, true) {
      case (hash, wasNotPresent) =>
        wasNotPresent && bitSet.add(hash)
    }
  }

  def clear(): Unit = bitSet.clear()

  def contains(elt: A): Boolean = {
    foldHashes(elt, true) {
      case (hash, wasPresent) =>

```

Friday, 13 December 13

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With product chief Mary Barra set to take over as CEO next month after Dan Akerson's retirement, the No. 1 U.S. automaker has been tending to financial matters that will allow her

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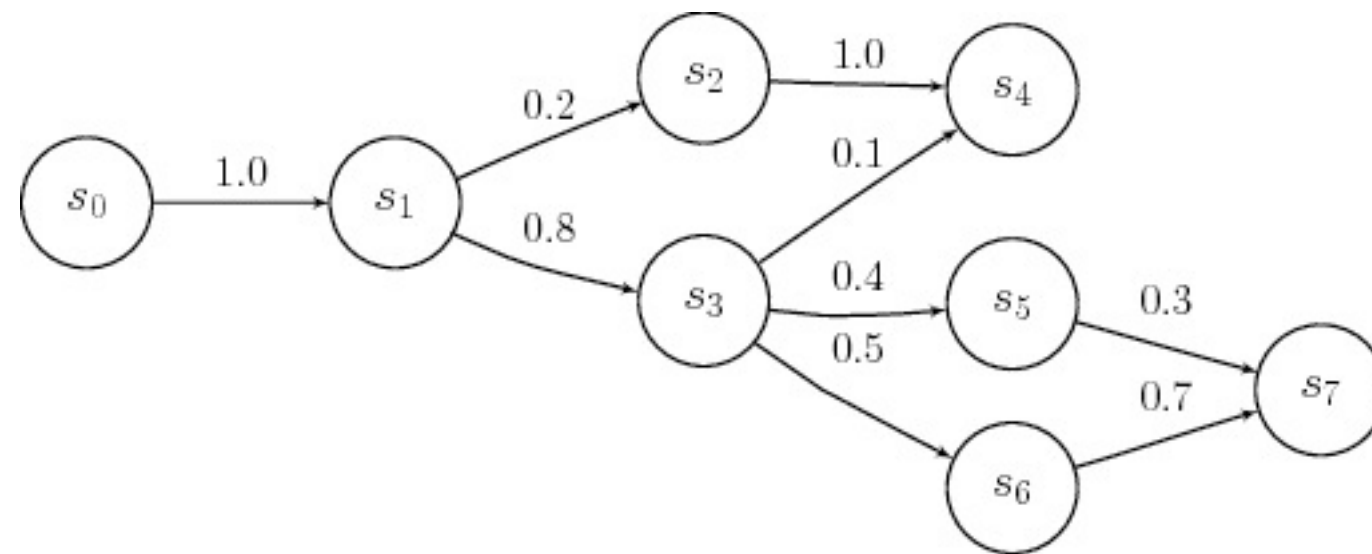
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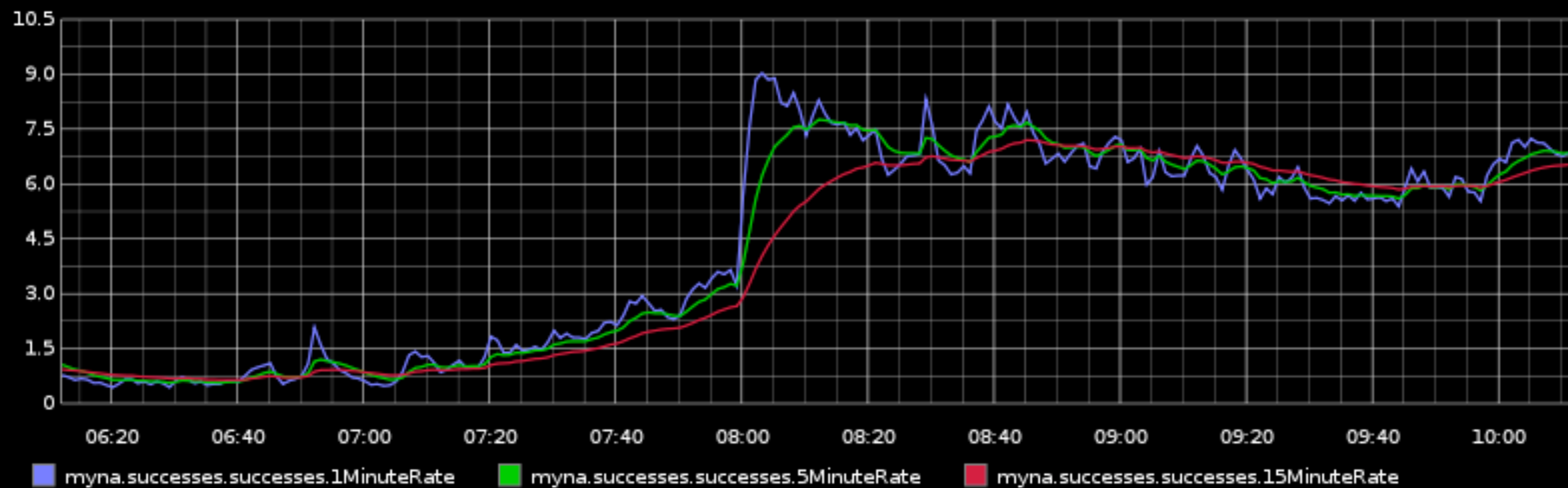
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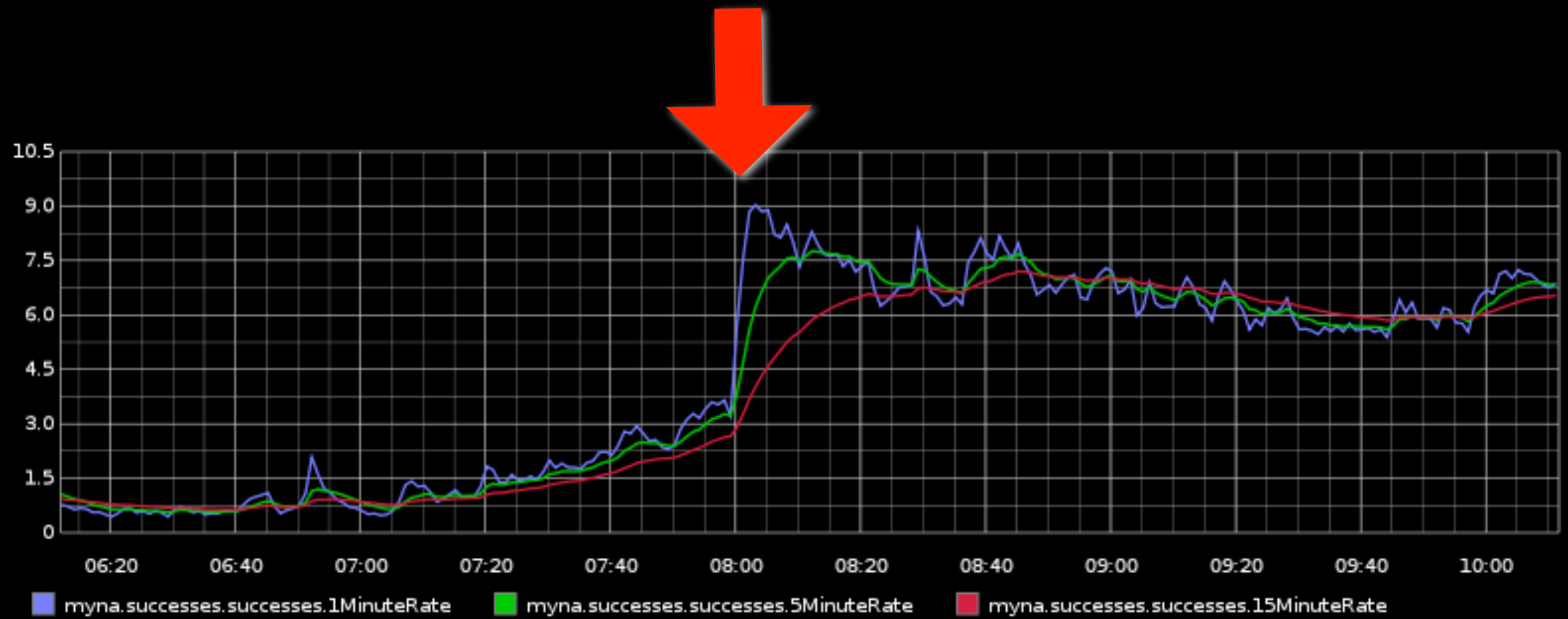
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Thanks!

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