

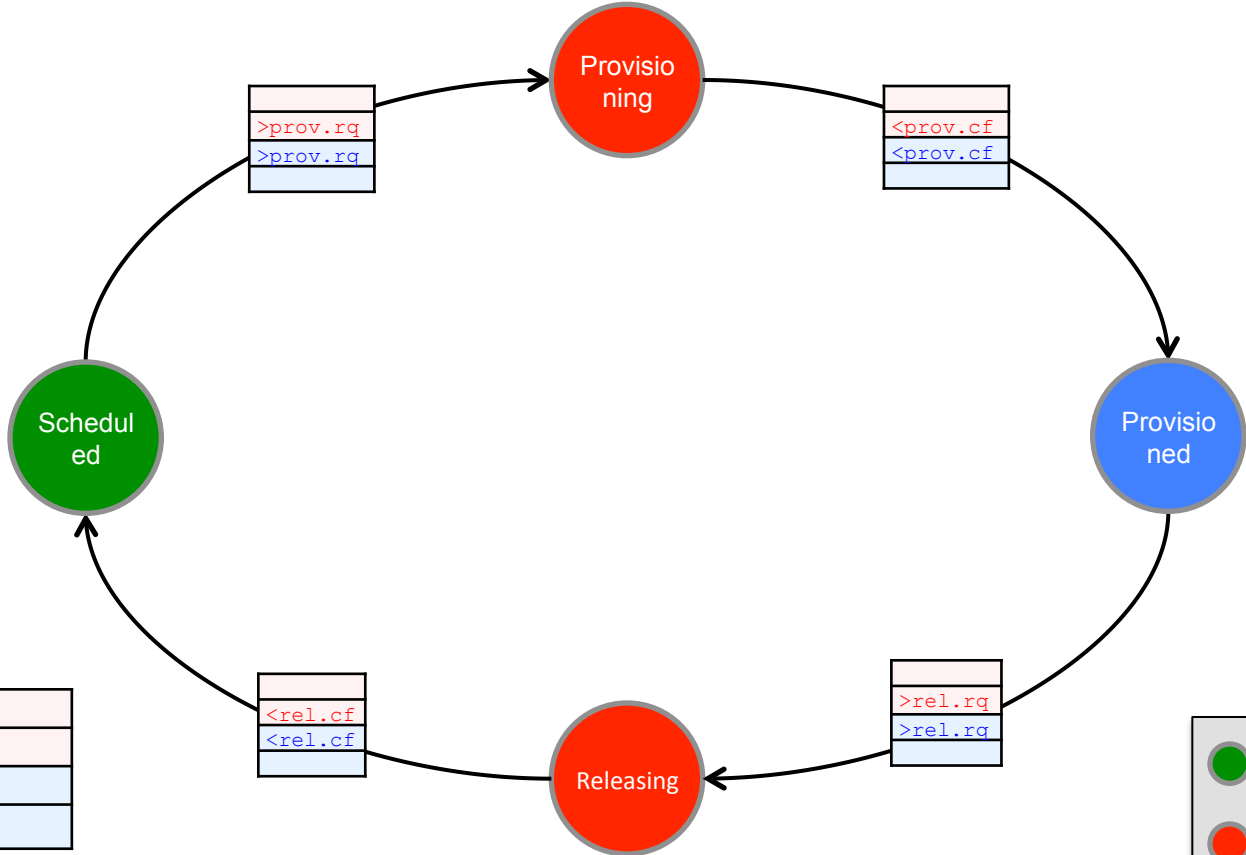
# Motivation for Changes in RSM (CSv2.1)

- The current CSv2.0 RSM does not allow the AG to reflect that a uPA has transitioned to a *ReserveTimeout* state
  - When both the AG and uPA are in the *ReserveHeld* state and a uPA expires the resource hold, **only the uPA will transition to the *ReserveTimeout* state**
  - The *rsvTimeout.nt* notification generated by the timed-out uPA is passed up the tree to the uRA, but does not alter the state of any AG along the upstream control-plane path
  - Queries (especially by 3<sup>rd</sup> party applications) to any AG along control-plane path will see the reservation state in *ReserveHeld*



# PSM: Provisioning Lifecycle

No changes from CS v2.0



Input event <sup>+</sup>
Input message <sup>+</sup>
Output message
Output event

<sup>+</sup>Either *Input event* or *Input message* can trigger output (logical disjunction)

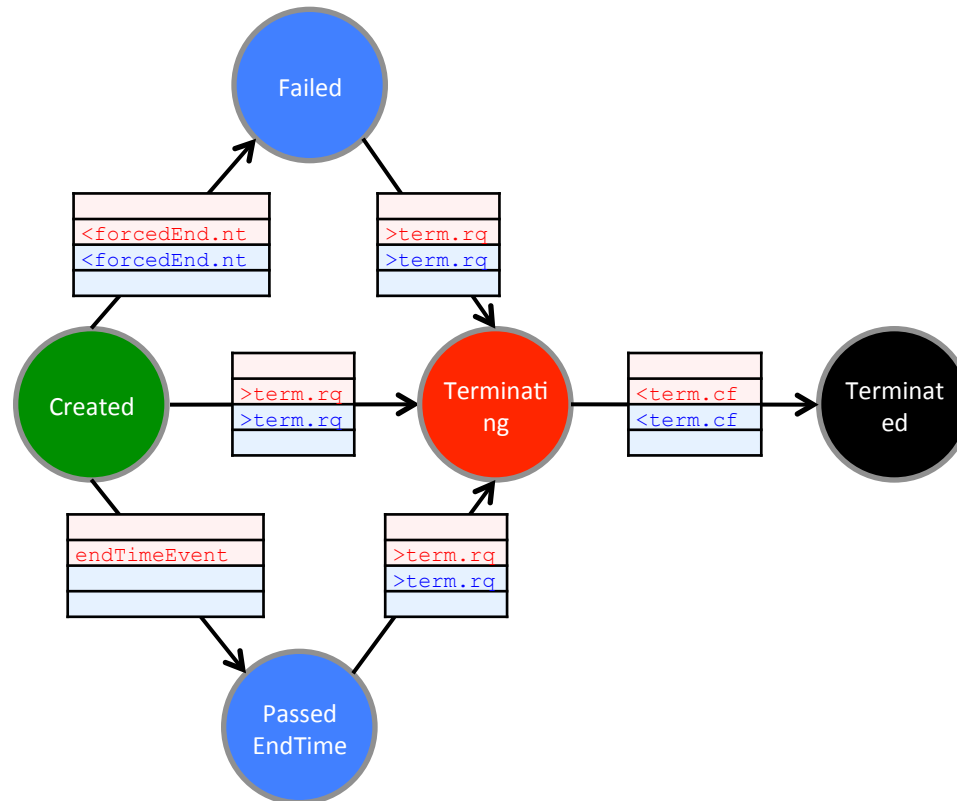
">" = downstream message

"<" = upstream message

- Initial State
- Transitional States
- Stable States

# LSM: Termination Sequence

Changes from CS v2.0  
 - forceEnd changed to forceEnd.nt



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