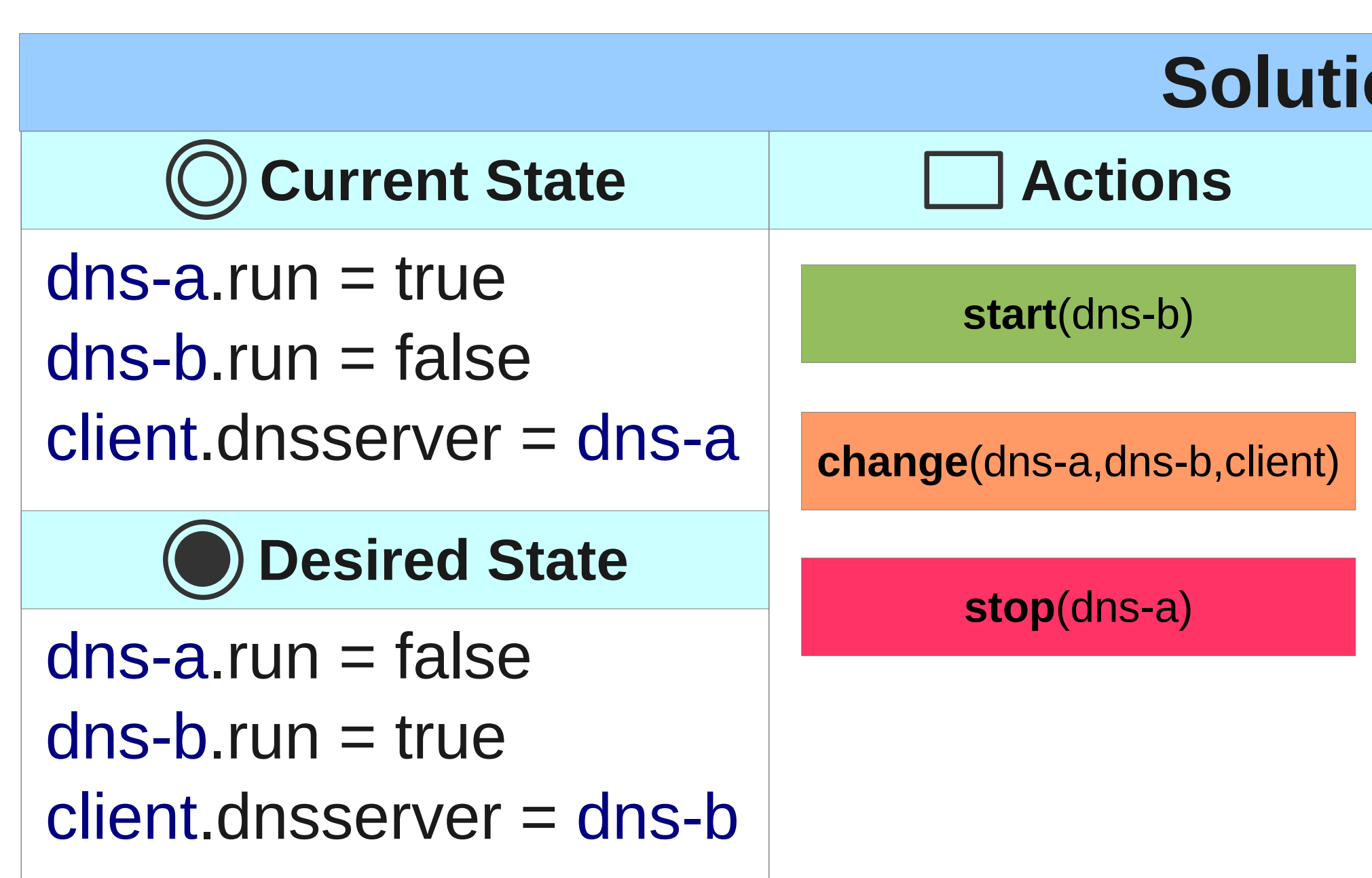
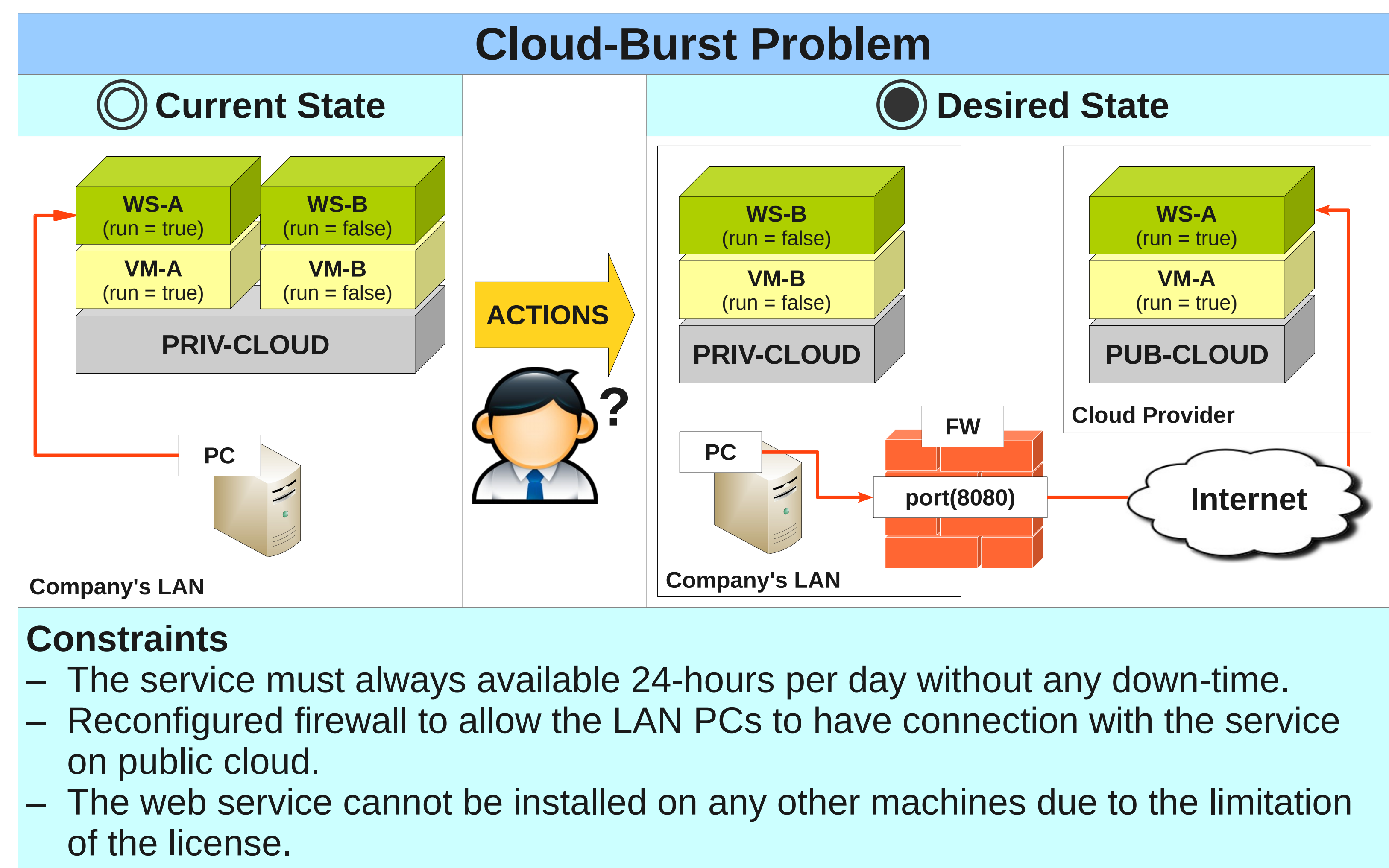
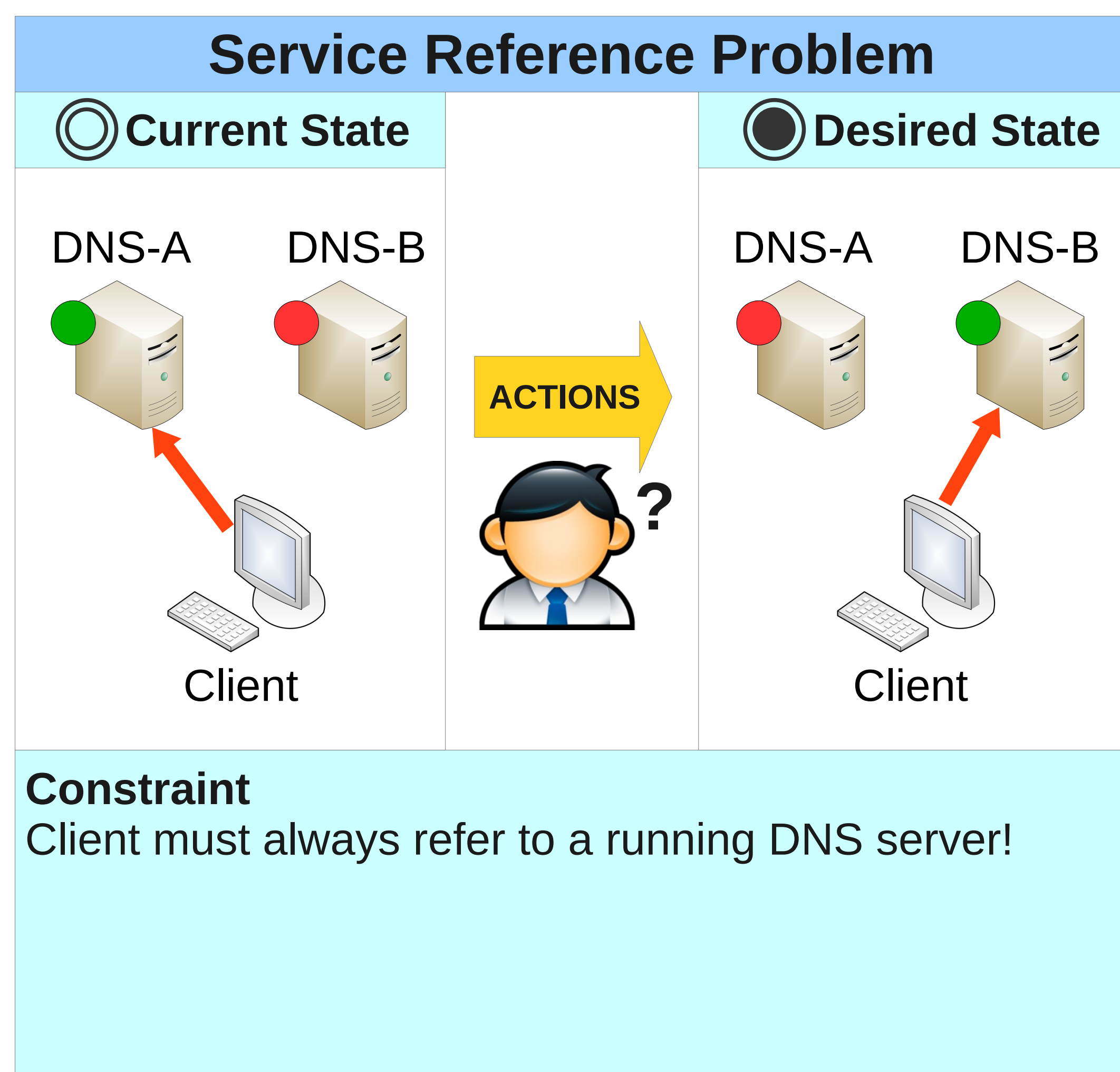
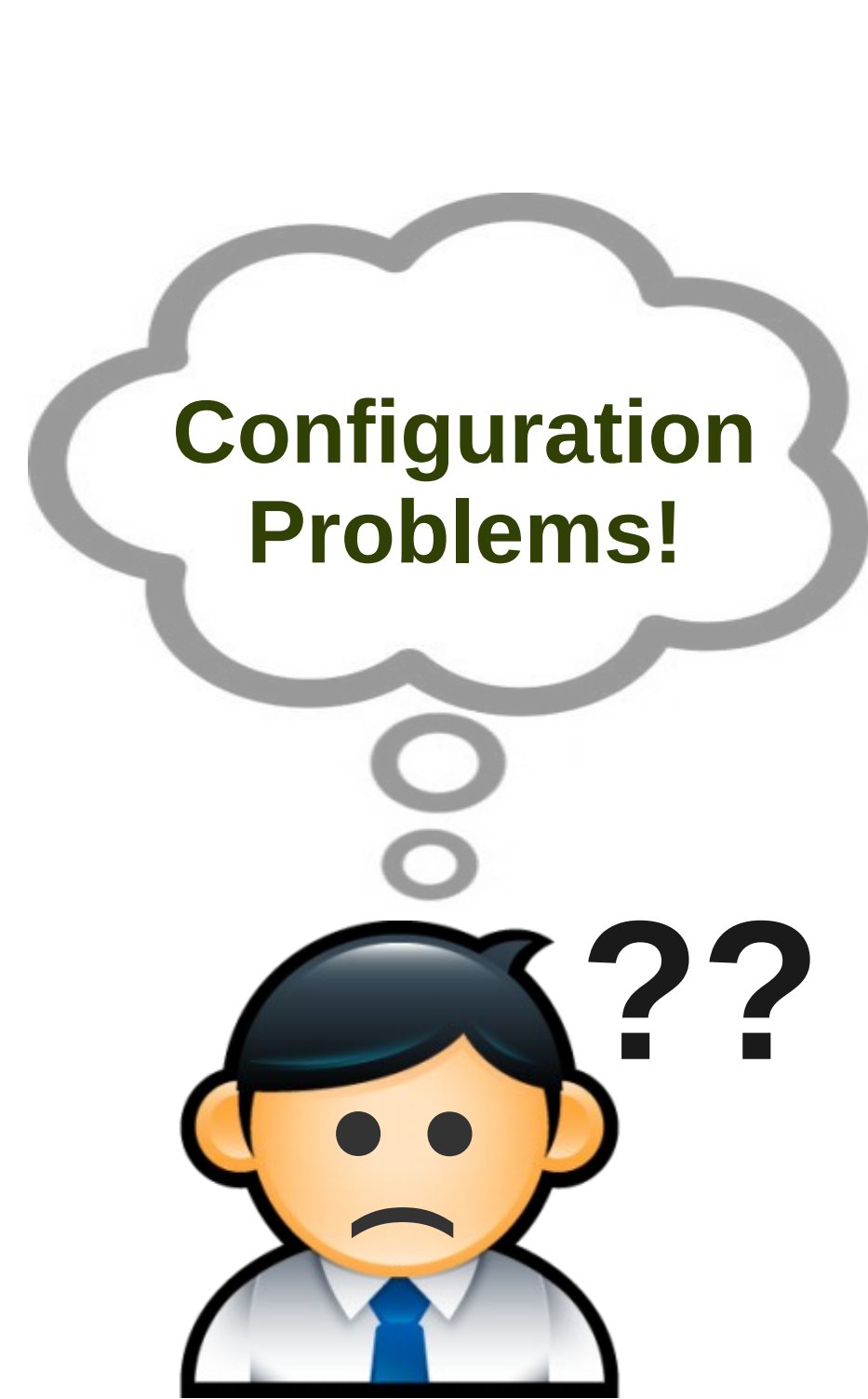


# Automated Planning for Configuration Changes

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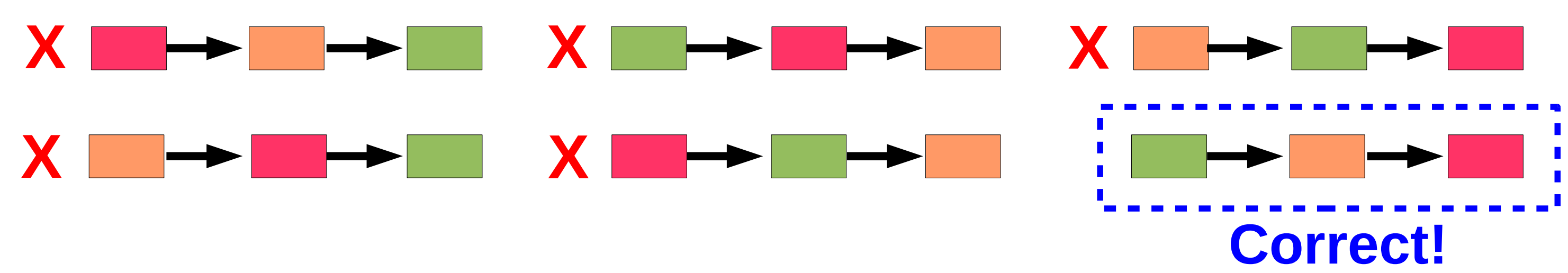
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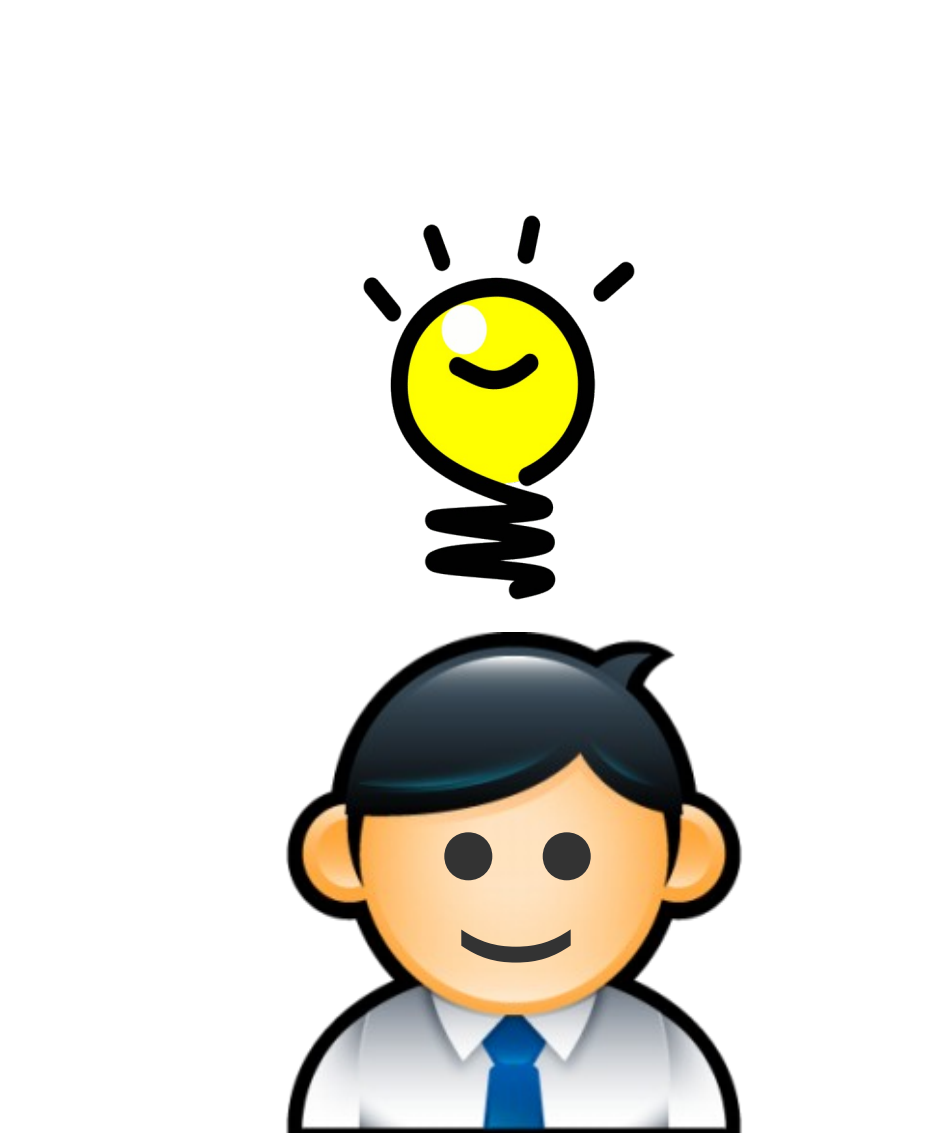
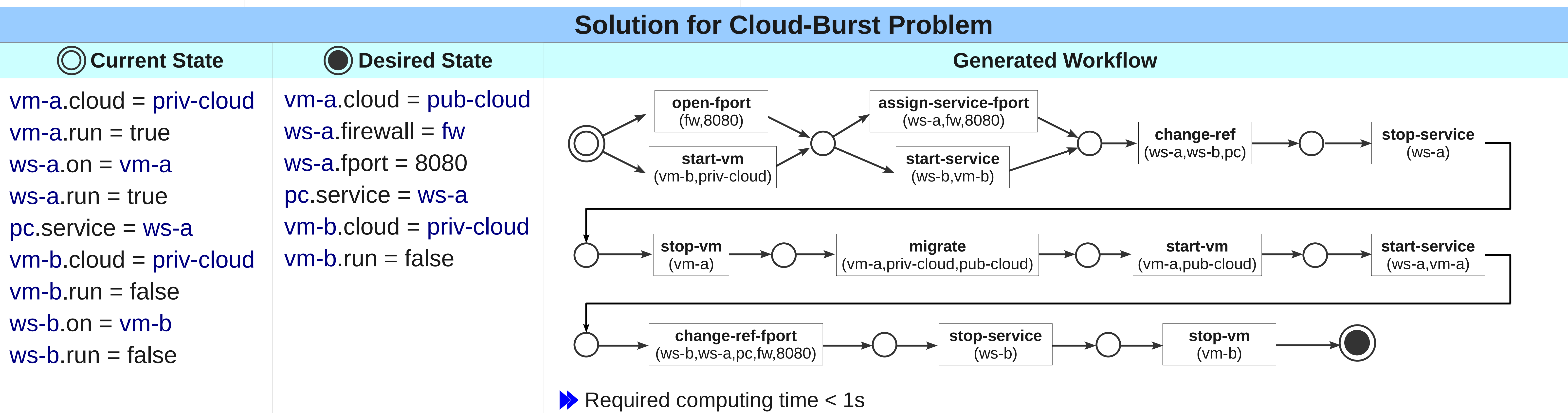
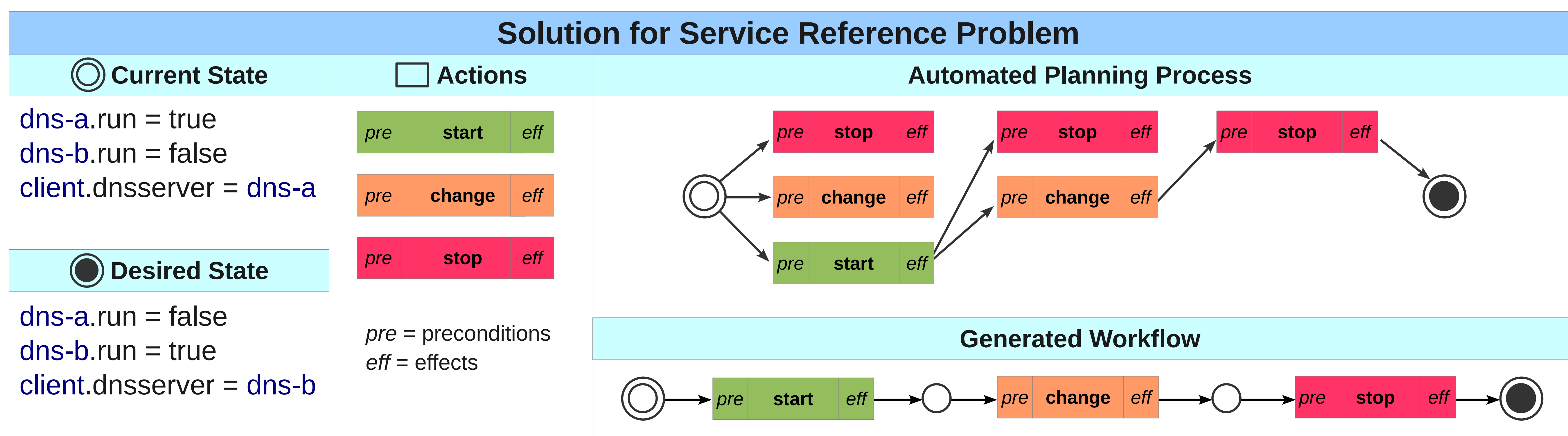
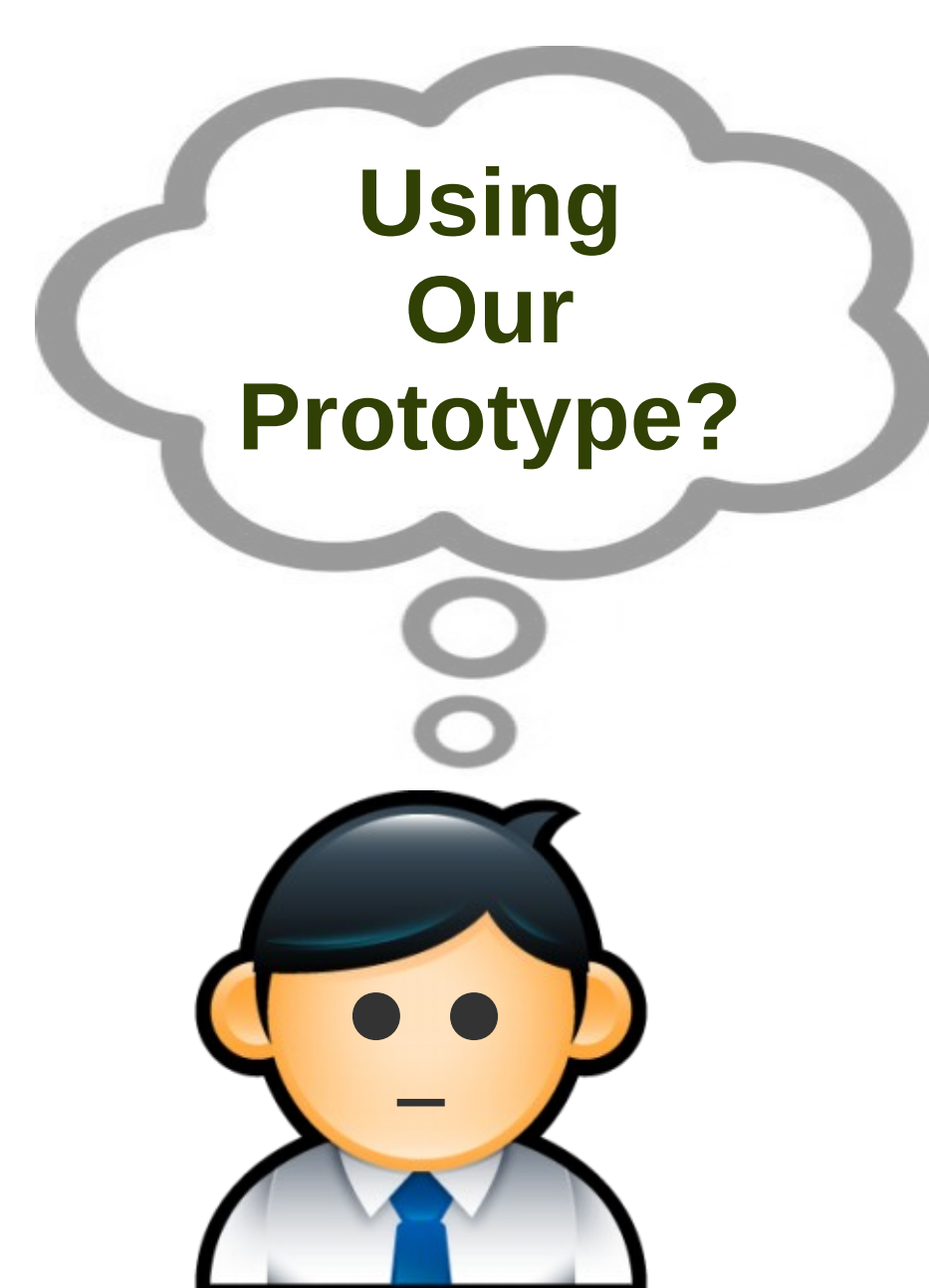


▶▶ Executing the actions in an essentially indeterminate order!

▶▶ 6 possible workflows:



▶▶ Highly likely producing the wrong workflow!



Conclusions	Future Works
<b>Our Prototype:</b> <ul style="list-style-type: none"><li>▶ can automatically generate a workflow between any two declarative states</li><li>▶ enables unattended, autonomic reconfiguration for failure recovery or other reasons</li><li>▶ can achieve the desired state as well as preserving system constraints during reconfiguration</li><li>▶ shows that it is possible to build the practical tool using production-quality tools for the deployment</li></ul>	Investigating more distributed and localised approaches to improve the system's resilience
	Reference
	H. Herry, P. Anderson, and G. Wickler, <b>Automated Planning for Configuration Changes</b> , 25 <sup>th</sup> Large Installation Systems Administration Conference (LISA'11), Boston, December 2011. (to be published)