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(57) Abstract :

System 102 and method 300 for balancing load of a software-defined network using switch migration are described. The method 300 may include the steps of: assigning 302 a threshold value of load to each of a plurality of switches and each of a plurality of domains of the software-defined network; monitoring 304 a number of visits at each of the plurality of switches of each of the plurality of domains; based on the monitored number of visit at one of the plurality of switches of one of the plurality of domains to exceed the assigned threshold, causing to migrate 306 the load to another switch of the said domain; and when the said domain is overloaded based on the assigned threshold, causing the load to migrate 308 to one of a plurality of switches of another domain.

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