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- (54) **Title:** VIRTUAL MACHINE MORPHING FOR HETEROGENEOUS MIGRATION ENVIRONMENTS

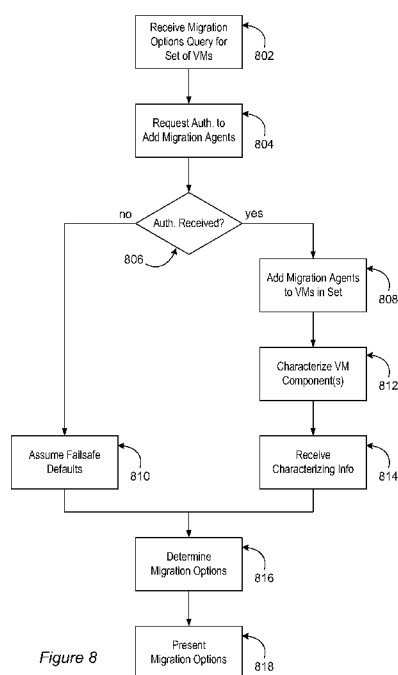


Figure 8

(57) **Abstract:** Virtual machines may migrate between heterogeneous sets of implementation resources in a manner that allows the virtual machines to efficiently and effectively adapt to new implementation resources. Furthermore, virtual machines may change types during migration without terminating the virtual machines. Migration templates may be established to manage migration of sets of virtual machines between sets of implementation resources and/or virtual machine types. Migration templates may be established based at least in part on information provided by migration agents added to the virtual machines under consideration for migration. The migration agents may detect and augment relevant virtual machine capabilities, as well as trigger reconfiguration of virtual machine components in accordance with migration templates.



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