# METHOD FOR UPGRADING VIRTUALIZATION COMPONENT AND METHOD FOR SAVING STATE OF VIRTUALIZED INSTANCE, PHYSICAL MACHINE, STORAGE MEDIUM, AND PROGRAM PRODUCT


## Abstract

Embodiments of the present disclosure provide a method for upgrading a virtualization component and a method for saving a state of a virtualized instance, a physical machine, a storage medium, and a program product. In the embodiments of the present disclosure, for upgrade of a virtualization component, a state of a virtualized instance is first saved, then the virtualization component that needs to be upgraded is uninstalled, and the virtualization component that is upgraded is reinstalled and loaded, and the state of the virtualized instance is restored. An operation of uninstalling the virtualization component and then reinstalling and loading the virtualization component that is upgraded is overall replacement of a level of the virtualization component. Therefore, it is not limited to complexity of upgrade, meets upgrade requirements of various complexity levels, and is applicable to upgrade of various virtualization components. Further, in a state saving process, manners such as retaining memory data in place and uninstalling or loading optimization are used for shortening an upgrade time as much as possible, thereby achieving a hot upgrade effect.


Fig 2.