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## JINR Member States cloud infrastructure

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One of the possible ways to speed up scientific research projects which JINR and organizations from its Member States participate in is to join computational resources. It can be done in a few ways one of which is to build distributed cloud infrastructures integrating local private clouds of JINR and organizations from its Member States. To implement such scenario a cloud bursting based approach was chosen since it provides more flexibility in resources management of each cloud integrated into such distributed infrastructure. For the time being a few private clouds from some organizations from JINR Member States has been already integrated with the JINR one with help of custom cloud bursting driver developed by the JINR team. Various aspects of that activity are covered in more details in the article as well as implemented and planned changes in the JINR cloud such as a smart scheduler deployment in production, migration from DRBD high-availability (HA) to native OpenNebula HA, Ceph storage deployment and VMs' disks migration to it and others.

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