

Bareos Project News Reader

National Italian Research Council counts on Bareos

2018-06-06 14:41



The [National Research Council](#) (Cnr) is the largest public research institution in Italy, the only one under the Research Ministry performing multidisciplinary activities.

Founded as legal person on 18 November 1923, Cnr's mission is to perform research in its own Institutes, to promote innovation and competitiveness of the national industrial system, to promote the internationalization of the national research system, to provide technologies and solutions to emerging public and private needs, to advice Government and other public bodies, and to contribute to the qualification of human resources.

In the Cnr's research world, the main resource is the available knowledge which means people, with their skills, commitment and ideas. This capital comprises more than 8.000 employees, of whom more than half are researchers and technologists. Some 4.000 young researchers are engaged in postgraduate studies and research training at Cnr within the organization's top-priority areas of interest. A significant contribution also comes from research associates: researchers, from Universities or private firms, who take part in Cnr's research activities.

Dr. Giorgio Bartoccioni and Dr. Roberto Muzi describe the Bareos installation at CNR which runs in production now for several weeks. The 48 pages study (in Italian language) has a comprehensive introduction into backup concepts in general and Bareos fundamentals. The whole installation and configuration process is documented in details, including connection to the IBM tape library TS3500 with a capacity of 1750PB.

There are about 60 essential systems in the backup and the authors conclude that the solution is robust, scalable and economic.

The whole research document can be downloaded here:

https://www.researchgate.net/publication/322254938_Una_soluzione_Open_Source_per_un%27infrastruttura_di_backup_centralizzato_Bareos_e_IBM_TS3500