Highlights:
Cloud Environment Automation: from infrastructure deployment to application monitoring

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Highlights

• **Open City Platform (OCP)** - an industrial research project funded by the Italian Ministry of University and Research - intends to research, develop and test new technological solutions open, interoperable and usable on-demand in the field of Cloud Computing, along with new sustainable organizational models for the public administration, to innovate, with scientific results, with new standards and technological solutions, the provision of services by the Regional & Local Public Administration (PAL) to citizens, businesses and other public administrations.

• The Automatic Tools that will be presented will
  - allow easy deployment of the IaaS infrastructure and components on which this rests as storage, database, messaging services, etc.;
  - be parameterized, so that one can choose the configuration that best fits the needs of the data center;
  - minimize and facilitate all their maintenance activities of the IaaS layer (eg. update installed packages, install new components or reinstall current ones);
  - allow, where possible, build a high availability setup of those services considered critical so that they always remain available and accessible.