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 AutomaticTools 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