



UNICORN

H2020-ICT-2016-2017

A NOVEL FRAMEWORK FOR MULTI-CLOUD SERVICES DEVELOPMENT, ORCHESTRATION, DEPLOYMENT AND CONTINUOUS MANAGEMENT FOSTERING CLOUD TECHNOLOGIES UPTAKE FROM DIGITAL SMES/STARTUPS

UNICORN SIMPLIFIES THE DESIGN, DEPLOYMENT AND MANAGEMENT OF SECURE AND ELASTIC -BY DESIGN- MULTI-CLOUD SERVICES

Partners:





Development and design libraries for secure and elastic - by design - multicloud services.





Continuous orchestration and automatic optimization of portable and dynamic cloud services running on virtual instances or micro-execution containers.





Elimination of the source code vulnerabilities, providing continuous risk, cost and vulnerability assessment.











Intuitive cloud/web plug-in that bundles application code, third-party libraries and UNICORN policies, allowing users to search for required OS images and libraries



OBJECTIVES



To facilitate the design and deployment of Cloud applications and services by developing a security and elasticity by design framework, which is independent of the underlying infrastructure or cloud deployment environment

To improve developers' productivity by reducing cloud application design time via blueprints for security and portability allowing developers to focus on application core functionality

To provide experimentation across a variety of settings that enhance Quality of **Experience and contribute** to standardization and interoperability



Cloud Application and Management Interface Layer

Cloud Application

Packaging and

Dashboard and **Management Tool**



