



# Pyxis Cloud Security Deployment

Cloud Security Deployment (CSD) is the most convenient value proposition for cloud onboarding. CSD is the way forward to implement the security and workload architectures that emerge from the included assessment and analysis.

We consider the following phases of work in this initiative:

## 1.- Assessment

The Cloud Security Assessment is included as an initial phase. This proposes a mandatory look at the infrastructure and services deployed in the Cloud and a vision with the premises of Security by Default and Zero Trust for new solutions.

Through the CSA, opportunities for improvement related to the client's infrastructure are identified and weighed, recommending a design that complies with good practices and updated security standards.

## 2.- Design

The result of the CSA on the security status of the infrastructure and the possible threats that may compromise it, will be the input to implement cybersecurity solutions at different points and with different approaches (offensive or defensive), which allow the client to mitigate the risks for their organization. In this stage, the proposed architectures are validated and the implementation design is generated, considering each environment's particularities, considering migration modalities, budget, collaborative work, and methodologies, among others

## 3.- Implementation

Once the design is defined in this instance, the solutions are implemented in the Cloud. This phase consists of instantiating and creating Cloud services to form the proposed security infrastructure. .

## 4.- Validation

After the defined infrastructure has been implemented, an instance of validation of configurations, services, accesses, processes, and communication flows is executed, ensuring the reliability and effectiveness of the final solution.

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