

OpenShift on Azure

OS EC



Solution for application producers



Challenges

Applications developed in various programming languages.
Too long "Time to market".
Shrinking IT infrastructure resources.

Bottlenecks in the application development & delivery process.
Differences in the work model of teams, departments, admins ...
Difficult to plan the size of needful infrastructure.



Ideal scenario

Standardization of application development process.
Short TTM for an application.
Additional infrastructure resources.

Automation/unification of application delivery process.
Reducing the delivery process time (TTM).
Use of a flexible IaaS platform.



Desirables Features

Containerization + Kubernetes.
Automated OpenShift container architecture on the IaaS cloud - Microsoft Azure.

Automation of application containers' implementation and management
A flexible, versatile and optimal platform.



Container Applications in the Cloud - easily delivered and highly available

Versatility

One tool for SysOps / DevOps

- Support for all leading open source application environments
- Management of development, test and production environments

Efficiency

Reduction of application delivery process time (TTM)

- Managing the application lifecycle
- Supporting Agile processes

Security

Availability of applications in the Microsoft cloud

- Stability and security of the PaaS OpenShift platform
- Stability and security of the Microsoft IaaS platform
- High availability of applications in Azure cloud

Synergy

Unquestionable added value

- Openness and compatibility with various technologies
- Synergy of strengths of each environment: Open Source, Microsoft

OSEC - uses the potential of Linux and Microsoft technologies, enables them to cooperate and offers to Clients.

OSEC – OpenShift Container Platform + Microsoft Azure



Microsoft provides valuable technology, open to the world of Open Source. OSEC has built a solution that uses the advantages of both the Red Hat OpenShift Container platform and the Microsoft Azure platform.

Solution - Summary

OSEC + Microsoft Azure – synergy of benefits

Synergy of various technologies - utilization of server room potential
Power of open technologies and Azure's complex offer in service of application producers



OSEC + Microsoft Azure – reliability

OpenShift application cluster on the flexible Microsoft Azure cloud
Stability, availability and safety of the containerized services



OSEC + Microsoft Azure – cost optimization

Implementation and maintenance costs optimization for services - thanks to Azure cloud flexibility
Wide range of innovative opportunities for the company / organization

