

Atos Managed OpenShift for Azure Customers

Accelerate Beyond the Platform

February 2021

Atos is the biggest System Integrator Alliance of Red Hat in EMEA

Partnership Overview

Together we help enterprises evolve legacy infrastructure and applications while creating new digital services to meet changing demands – both today and in the future. For over 10 years, Atos and Red Hat have been delivering business value through helping organizations create a culture of agility, adaptability, and innovation.



Atos Managed OpenShift (AMOS)

Atos' trusted managed services experience combined with Red Hat's leading Container Platform OpenShift



Ansible Automation Platform

Foundation for building and operating automation across an organization, used as the standard platform by Atos itself



Application Modernization

Atos has enriched AMOS with an Application Migration and Modernization Tool Suite to accelerate the adoption of DevOps



Accelerate NFV Journey

Red Hat is Atos' main open source partner for providing carrier-grade infrastructures for NFV deployments on OpenStack



Secure Private Cloud Blueprint

Largest Red Hat Storage and Red Hat OpenShift integrated solution, automated with Ansible, orchestrated with CloudForms: Speed and efficiency



Smart City

Atos Smart City IoT solution ensures rapid deployment, scalability and open APIs based on Red Hat Emerging Technology



Red Hat

**We are a Premier
Global System Integrator
Partner**

**2000+ skills in Red Hat
technologies**

**1100+ active
certifications and
accreditations**

**Global Premier
Partnership with largest
open source company ww**

Atos provides

Red Hat OpenShift Container and Development Platform

as a fully managed PaaS!

A fully scalable cloud service to support the creation of cloud native applications available remotely for any customer



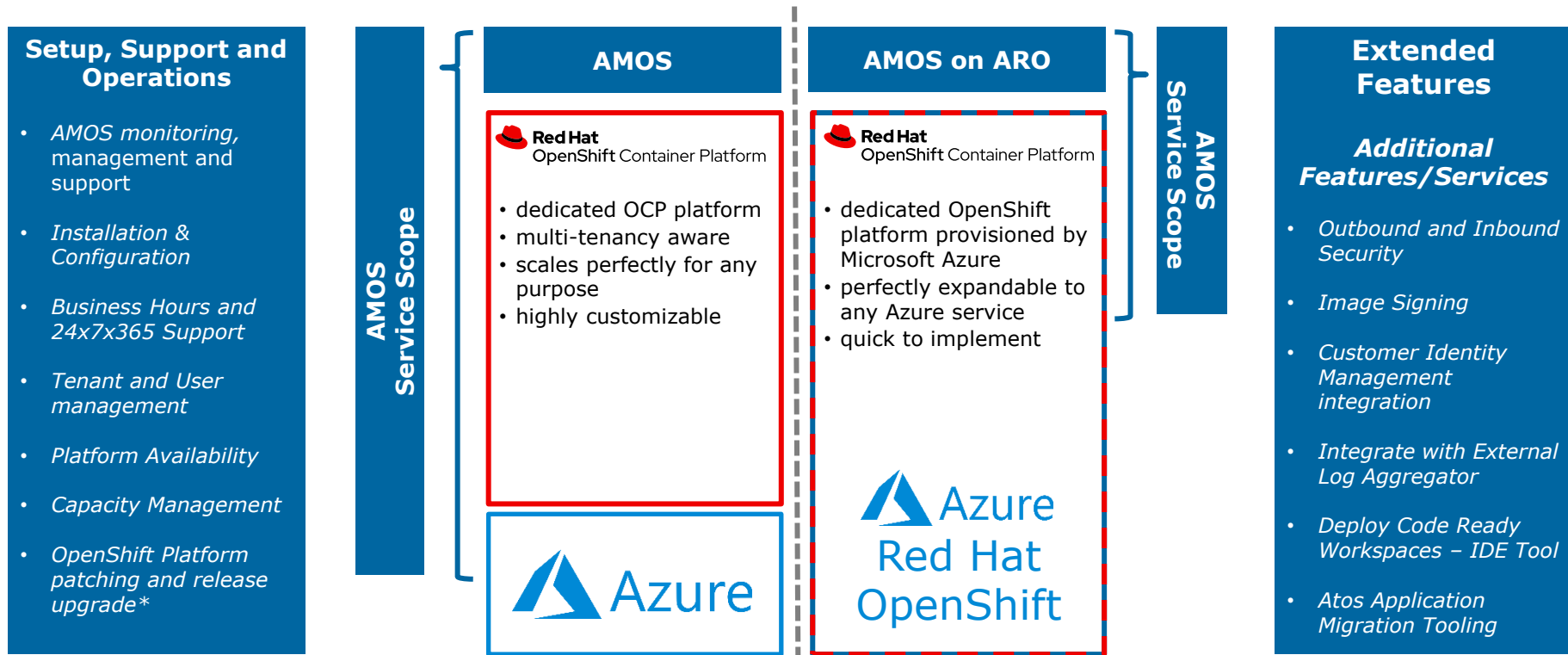
Red Hat
OpenShift
Container Platform



Azure

AMOS - Service Variants for Microsoft Azure

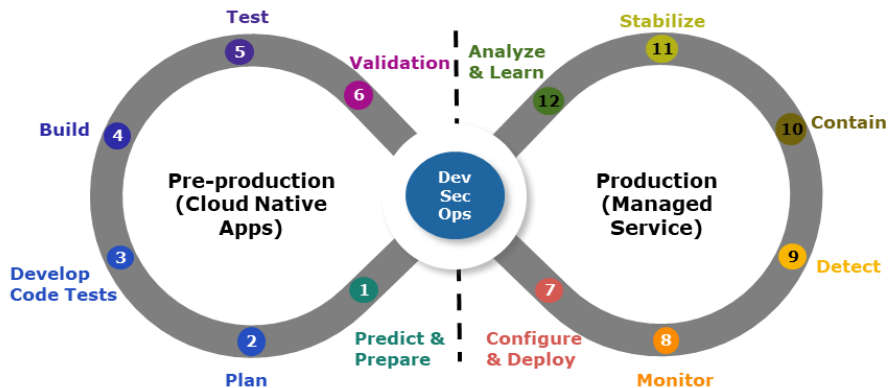
Atos Managed OpenShift (AMOS) for Azure Customers



AMOS - Consuming Customers

DevSecOps with OpenShift: Foundation for Cloud Native Development

- ▶ Customers who develop applications internally and want to develop them cloud natively on private, public or hybrid cloud.
- ▶ Customers that want assistance migrating applications to a container based platform.
- ▶ Customers that do not want to run the platform (dull) and want to accelerate the development of applications to transform their organization (enjoy).
- ▶ Customers that want to do a proof of concept on container platform available immediately



The **Challenges** of developing cloud native applications include:

- Reduction in time-to-market requirement for new apps
- Complex compliance and security requirements
- Increasing demand to securely access application data from various sources

The **Benefits** of leveraging DevSecOps for developing and modernizing business applications are:

- Speed and Agility
- Security
- Compliance-as-a-Code
- Digital Experience
- Efficiency
- Resiliency
- Security

AMOS - Reference: AMOS on top of ARO

German public sector



Client's Challenge

- ▶ Operation, support and further development for PaaS platform based on Azure Red Hat OpenShift (ARO)
- ▶ OpenShift in the early days of productive use
- ▶ No Skills/Employees

Atos Engagement & Support

- ▶ Atos delivers AMOS, 5x10 plus on-call service out of Germany
- ▶ Atos is also the SPOC for customer for all incidents/changes/requests regarding the Microsoft ARO

Client's Business Benefits

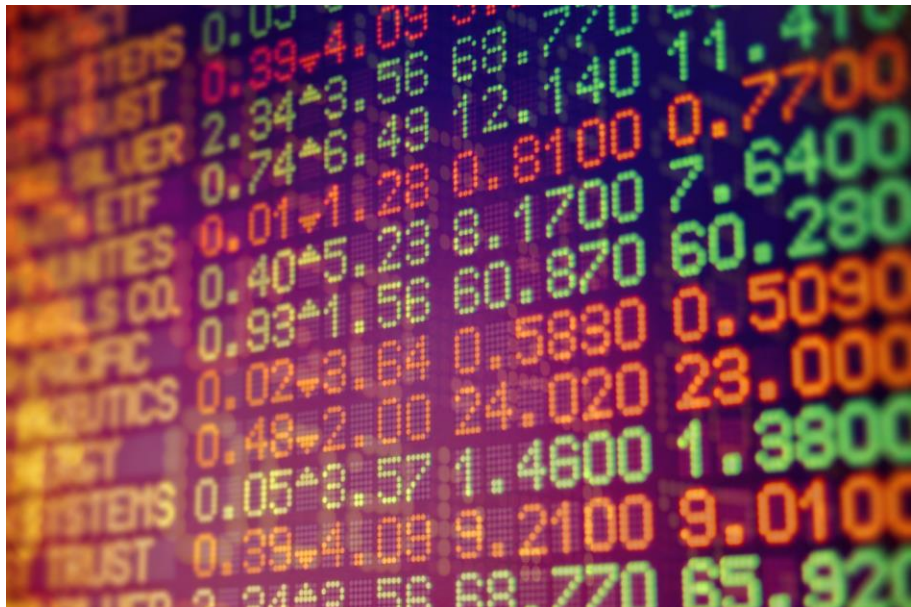
- ▶ End-to-end service for customer
- ▶ Shorter development cycles (according to IDC: 66% shorter) shorten time-to-market
- ▶ 100% portability cross-platforms

Why Atos?/USP

- ▶ Strong AMOS/OpenShift references
- ▶ Local delivery

AMOS - Reference: Proof of Concept ARO

German financial sector



Client's Challenge

- ▶ What is important from a technical, content and financial perspective when choosing ARO?
- ▶ Create cloud foundations (governance, connectivity, internal guidelines...) for ARO
- ▶ OpenShift in productive use: medium size, evaluate ARO usage

Atos Engagement & Support

- ▶ PoC ran over a period of 1 month
- ▶ Deliverables: Application migration on to ARO, connection to Active Directory, automation for deployment

Client's Business Benefits

- ▶ Goals of the PoC were achieved
- ▶ Clarity for Budget Planning 2021 (OpenShift in Scope)

Why Atos?/USP

- ▶ Solution Architects and Consultants with Microsoft Azure and OpenShift Skills have proven the expected cloud competencies

AMOS - Reference: Atos Managed OpenShift

Austrian Semiconductor Manufacturer



Taking over and supporting OpenShift operational services from the customer DevOps team to free the specialists from operational duties.

- ▶ OpenShift Landscape Monitoring: Cluster and Node Monitoring
- ▶ Maintenance routines, proactive devices, release management
- ▶ Regular upgrades and patching of the OpenShift cluster
- ▶ Regular updates of the container registry images
- ▶ Capacity management of clusters and nodes
- ▶ Kubernetes management
- ▶ Tickets and error messages regarding the OpenShift platform or running container applications (Pods)
- ▶ Handling of cluster incidents
- ▶ 24 x 7 Service
- ▶ Nearshore Delivery Atos Poland

AMOS - Reference: Atos Managed OpenShift

Central IT service provider of a German federal state



Modernization and standardization of specialized procedures based on operating system containers for Unix and Windows-based environments:

- ▶ Procuring the required Red Hat subscriptions
- ▶ Support with the upcoming tasks in the area of operation, application development (DevOps), Application Management, Application Transformation and Modernisation
- ▶ Procuring the required operating system subscriptions Red Hat Enterprise Linux (RHEL)
- ▶ Support for upcoming tasks in the areas of architecture, project management, development, optimization, implementation, automation, customization and operation
- ▶ Middleware products: Jboss EAP, OpenShift Container Plattform, Red Hat Quay
- ▶ Cloud und management products: CloudForms, CloudSuite, OpenStack, Ansible
- ▶ Storage products: Ceph, Gluster, OpenShift Container Storage

Fully integrated in



Atos



Red Hat
OpenShift
Container Platform



Azure

Combining a unique set of 10 offerings...

**1. INDUSTRY SPECIFIC
CONSULTANCY**

**2. MULTI-CLOUD
ORCHESTRATION**

**3. STANDARDIZED AND
AUTOMATED**

**4. NEXT GENERATION PRIVATE
& SOVEREIGN CLOUD**

**5. CLOUD APPLICATION
DEVELOPMENT & MODERNIZATION**

**6. CLOUD ARTIFICIAL INTELLIGENCE
& MACHINE LEARNING**

**7. BARE METAL
SOLUTIONS**

**8. CLOUD EDGE &
FAR EDGE**

**9. WORLD-CLASS
CYBER SECURITY**

10. DECARBONIZATION



...in a powerful one-stop shop

Thank you

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The Atos logo, featuring the word "Atos" in a bold, blue, sans-serif font. The letter 'o' is stylized with a white dot in the center, resembling a target or a stylized eye.