Accelerate Your Data to Achieve New Analytics with Zaloni Arena and Azure

As the volume and type of big data continues to grow, moving your data lake to the Azure cloud makes financial sense and provides much-desired on-demand processing and storage scalability for your business. However, managing and governing data in the cloud can be challenging, even more so if it spans on-premises and the cloud in a hybrid environment. Arena provides a platform for unified data management and governance in the cloud or in hybrid data environments.

Arena and Azure

Together, Arena and Azure enable a governed cloud or hybrid data lake. In the Azure data lake, Arena orchestrates data movement while capturing metadata, maintaining an audit trail and tracking data provenance. By capturing metadata as data is ingested into the Azure data lake, Arena enables organizations to confidently use Azure as a data lake for core use cases that couldn’t be considered before. These include customer 360, fraud analytics, data monetization, and others. Arena is a fully integrated solution that also allows organizations to provide self-service access by business users to their data lake.

Why Customers Use Arena on Azure:

» Cost-effective data storage and compute
» Unified data management and workflow automation
» Governed self-service catalog & provisioning

Leveraging Arena on Azure enabled us to get a complex customer 360 initiative off the ground quickly and cost effectively.

Senior Data Architect
Leading Airline in UAE

Zaloni’s platform, Arena, allows companies to connect, catalog and consume enterprise-wide data. The end-to-end system grows data value by supporting data scaling and adding new data sources over time. Governance is provided throughout the data platform to ensure that data is secure and controlled.
**Arena and Azure**

<table>
<thead>
<tr>
<th>Improve operational efficiency along the entire data pipeline</th>
<th>Scale and flexibility to increase cost effectiveness</th>
<th>Reduce time to insight by providing governed access to the business</th>
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</thead>
<tbody>
<tr>
<td><strong>Data management and workflow automation</strong></td>
<td><strong>Flexible data storage and compute</strong></td>
<td><strong>Governance and self-service</strong></td>
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<td>» Automate repeatable management tasks and processes</td>
<td>» Reduce total cost of ownership across infrastructure, data, and labor</td>
<td>» Leverage metadata management to ensure governance (e.g. privacy, lineage)</td>
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<td>» Manage and operationalize the entire data pipeline from source to consumer</td>
<td>» Scale up processing without having to scale up or duplicate storage</td>
<td>» Operationalize workflows to ensure data quality and integrity</td>
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<td>» Centralize management of all enterprise data sources regardless of location: cloud or hybrid</td>
<td>» Spin up and scale transient hadoop clusters as business demands</td>
<td>» Explore and curate data from an enterprise wide data catalog and provide self-service data preparation</td>
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</table>

**Solution Architecture for Arena Governed Azure Data Lake**

Arena easily integrates with the Azure big data ecosystem and leverages a microservices based approach for simplicity and flexibility.

**Solution Architecture for Native Azure Data Lake with Arena**

You can leverage the cloud – your way

Adding a data management platform like Arena to Azure significantly increases the value organizations can derive from an Azure data lake. Visit www.zaloni.com to learn more about Arena on Azure.