

Integration of Microsoft Azure Blob Storage with Alation

Information Asset has developed a solution to parse and transfer files from Microsoft Azure Blob Storage to Alation.

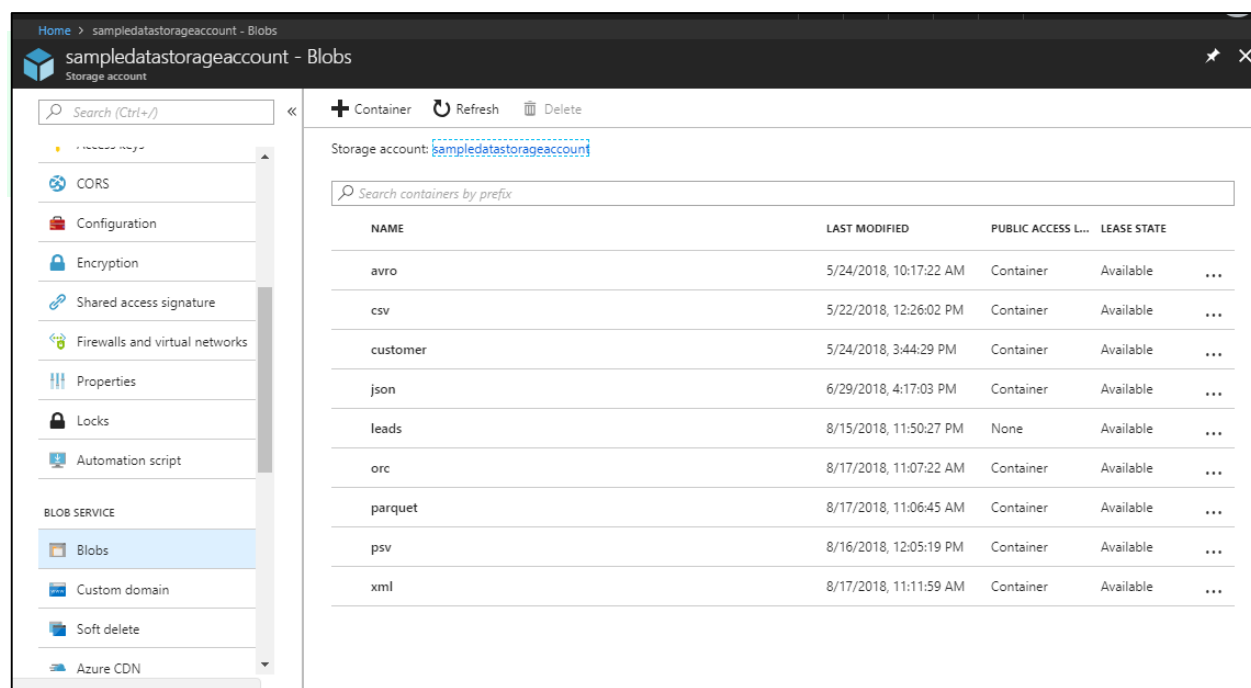
Alation

Alation is a market-leading data catalog built for collaboration. Alation empowers analysts to find, understand and share data for faster, more accurate insights. Alation's data catalog automatically captures the rich context of enterprise data and keeps it updated with human-machine learning collaboration.

Microsoft Azure Blob Storage

Microsoft Azure Blob Storage is Microsoft's cloud storage solution for modern data storage scenarios. It is optimized for storing massive amounts of unstructured data, such as text or binary data. It is durable, highly available, secured, scalable, managed and accessible.

Figure 1 shows containers in an Microsoft Azure Blob Storage Account.



The screenshot displays the Azure portal interface for a storage account named 'sampledatastorageaccount'. The left sidebar shows various settings like CORS, Encryption, and Shared access signature. The main area shows a list of containers with columns for NAME, LAST MODIFIED, PUBLIC ACCESS L..., and LEASE STATE. The storage account is 'sampledatastorageaccount'.

NAME	LAST MODIFIED	PUBLIC ACCESS L...	LEASE STATE
avro	5/24/2018, 10:17:22 AM	Container	Available ...
csv	5/22/2018, 12:26:02 PM	Container	Available ...
customer	5/24/2018, 3:44:29 PM	Container	Available ...
json	6/29/2018, 4:17:03 PM	Container	Available ...
leads	8/15/2018, 11:50:27 PM	None	Available ...
orc	8/17/2018, 11:07:22 AM	Container	Available ...
parquet	8/17/2018, 11:06:45 AM	Container	Available ...
psv	8/16/2018, 12:05:19 PM	Container	Available ...
xml	8/17/2018, 11:11:59 AM	Container	Available ...

Figure 1 Containers in Microsoft Azure Blob Storage

Integration of Microsoft Azure Blob Storage to Alation

Information Asset has developed a solution that enables a user to import storage accounts, containers and file types like CSV, JSON, XML, Avro and Parquet from Microsoft Azure Blob Storage into

Alation as a file system (Figure 2) or virtual data source (Figure 3). The Alation user can view the schema of each file along with sample data.

Microsoft Azure ... > sampledatastorag...

sampledatastorageaccount

Please provide a title

Graph

No graph

Description

No description

Contents


Show 25 rows ▾

Name ▲	Title	Size	Modified	
avro		-	May 24 2018, 10:17:22am	...
csv		-	May 22 2018, 12:26:02pm	...
customer		-	May 24 2018, 3:44:29pm	...
json		-	Jun 29 2018, 4:17:03pm	...
orc		-	Aug 17 2018, 11:07:22am	...
parquet		-	Aug 17 2018, 11:06:45am	...
psv		-	Aug 16 2018, 12:05:19pm	...
xml		-	Aug 17 2018, 11:11:59am	...

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Figure 2 Containers in Alation file system.


AzureBlobStorage2AlationDemo
Star

Graph

No graph

Description

No description

Schemas

★	✓	Schema	Title		Tables	Popularity ▼
☆		sampledatastorageaccount avro			1	
☆		sampledatastorageaccount csv	Sampledata Storage Account Column Sample Values		1	
☆		sampledatastorageaccount customer	Sampledata Storage Account Customer		2	
☆		sampledatastorageaccount json	Sampledata Storage Account Jason		2	
☆		sampledatastorageaccount orc	Sampledata Storage Account Occurrences		2	
☆		sampledatastorageaccount parquet			1	
☆		sampledatastorageaccount psv	Sampledata Storage Account Passive		3	
☆		sampledatastorageaccount xml			2	

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Figure 3 Containers in Alation virtual data source.

Next Steps

To learn more about this solution, please request a demo by contacting sales@information-asset.com or visit our website at www.information-asset.com.

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