Qlik infotrust

Navigation for migration to Qlik Sense Cloud

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QLIK BALTICS ONLINE #2 QLIK AND SNOWFLAKE: SHAPE YOUR DATA







Assessment of your Qlik landscape



Topics to discuss and consider while planning and designing the migration process:

- **1.** User authentication method
- **2.** Security and governance *
- 3. **Development workflow and multi environments ***

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- Data files storage and QDF 4.
- 5. App visualization extensions
- 6. Personal Sheets, Stories and Bookmarks
- **7.** Application size *
- 8. Application reload scheduling
- 9. NPrinting reports *

* Very important topics in big deployments (>100 users, dozens of apps and reports distribution, multi-person developer team)



1. User authentication method

Qlik Account is a Qlik provided native authentication mechanism to access properties within the qlik.com and qlikcloud.com domains.

If you rely on Microsoft Entra ID or other IdP, here is a list of what is supported in Qlik Cloud:

- Microsoft Entra ID (formerly Azure AD)
- OKTA
- Auth0
- another IdP compliant with OpenID Connect (OIDC)

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• or SAML.



2. Security and governance

Security and governance is very different in Qlik Cloud (maybe the largest difference).

No possibility to create and define custom security rules.

- almost any granularity.
- some cases app level.

Section access in Qlik Cloud is dependent on different identity attributes and will need some adjustment in migrated apps, e.g. user id will be different in Qlik Cloud, not the same as on-premise.

In Qlik Sense Client Managed : security rules and custom properties combination allows to control security and object access at

In Qlik Cloud: different approach. There are large number of predefined security roles on tenant level. And this removes the need to create custom rules. Using these predefined security roles, it is possible to manage security on tenant level, space level and in



3. Development workflow and multi environments

"Spaces" in Qlik Cloud are alternative to "Streams" in Qlik Sense on-premise. There are several types of 'Spaces':

- **Personal** A private work area (like personal Sandbox) where assets can be developed and stored, e.g. apps, data files.
- Shared A collaborative work area where assets can be developed and shared with other assigned members in the space.
- Managed A collaborative area where only the space owner and target app consumers can open the apps. They can also create personal sheets, bookmarks inside apps and share them with other app consumers.

During migration map your streams to Managed spaces as 1 to 1. This is the simplest rule based on Qlik's best practices as the result of many migration projects.





3. Development workflow and multi environments



4. Data files storage and QDF

Qlik Cloud can store data files into spaces for example: extract, transform and data model.

Currently there are no folders, but new feature is coming.

The alternative is to use external cloud-based storage, such as Amazon S3, Azure Storage, Google Cloud Storage, SharePoint, etc. And this approach even allows us to reuse QDF in the cloud. Migration from QDF on-premise to QDF on Cloud is simple.

5. Visualization extensions

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Qlik Cloud offers a wider visual object library in comparison to Client managed version. Additional custom extensions can be imported to Qlik Cloud.



6. Personal Sheets, Stories and Bookmarks

Personal Sheets, Stories and Bookmarks cannot be automatically made available to the owners, these should be migrated with a tool and then reassigned to the appropriate Qlik Cloud user account. There is a package of Qlik Developer's toolkit that might help to automate that (refer to https://qlik.dev/toolkits/qlik-cli/)

7. Application size

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Qlik Cloud subscription has a limit on app size, typically the limit is a maximum of **10GB** when initially loaded into memory.



8. Application reload scheduling

• For Self-Service reload cases:

Users can schedule reloads in personal spaces (as owners) and shared spaces (as app collaborator). The schedule can be based on frequency, date, and time, or when a dataset in the app is refreshed (Event-based).

• For governed enterprise app reload cases: Qlik Application Automation for task chaining of

any complexity

Janice Scott		Micheal Williams	Edward Laychak
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	0	Schedule reload	



• Third Party Scheduler via Qlik Cloud API. You can also use very powerful and easy interface to Qlik API: qlik-cli



9. NPrinting reports

NPrinting is only for Qlik Sense Client Managed and in Qlik Cloud almost the same functionality is Qlik Reporting.

- Teams, Slack, SharePoint, etc.
- visualizations, the final output can be **XLSX or PDF**. They can be distributed via **email** or SharePoint location.
- are met, a notification with a preview of the data is sent to you.

Reporting Services - built into Qlik Automation. Reporting Services will take one or more **Qlik sheets** from one or more Qlik apps and compile these into a **PDF or PowerPoint** formatted report. The resulting file can then be distributed via **email**, MS

Tabular Reporting - feature of a Qlik app. Report developers can create custom **Excel** documents from Qlik data and Qlik

Subscription - Subscription reports let you schedule recurring emails containing your preferred sheets or chart. You can set your desired filters and have a report with the newest data delivered to your inbox at a scheduled time. For example, you could receive overnight order information in an email every morning. You can edit subscriptions you own at any time.

Alerting - You define conditions based on measures or dimensions of the data that you want to monitor. When the conditions



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Thank You!

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Book a meeting:



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