**Transitioning Authentication Sources is Complex**

In IBM Cognos Analytics, an authentication source or namespace serves as the conduit to an external security source (e.g. LDAP, Active Directory, OpenIDConnect, ADFS or Access Manager.) Each user, group, role, and distribution list in an authentication namespace has a unique Cognos identifier called a Cognos Authentication Management Identifier (CAMID) within Cognos.

There are over 140 different object types in Cognos Analytics that have references to CAMIDs, including:

- **Content Store Object References**: security policies, object owners, schedule credentials & recipients, burst slices, My Folders / My Content, memberships, user preferences, Folders, Reports, Dashboards and more
- **External Framework or Transformer Models** which contain security related controls or rules
- **Planning Analytics powered by TM1** environments which are secured against a Cognos namespace.

When updating to a new namespace, Cognos objects not properly migrated can lead to orphaned or lost "My Folders" / "My content" content, schedules that stop running, halted email deliveries, misconfigured security politics, and more.

Migrating with Persona IQ

Active Directory → OpenIDConnect

Persona IQ Migration

IBM Cognos
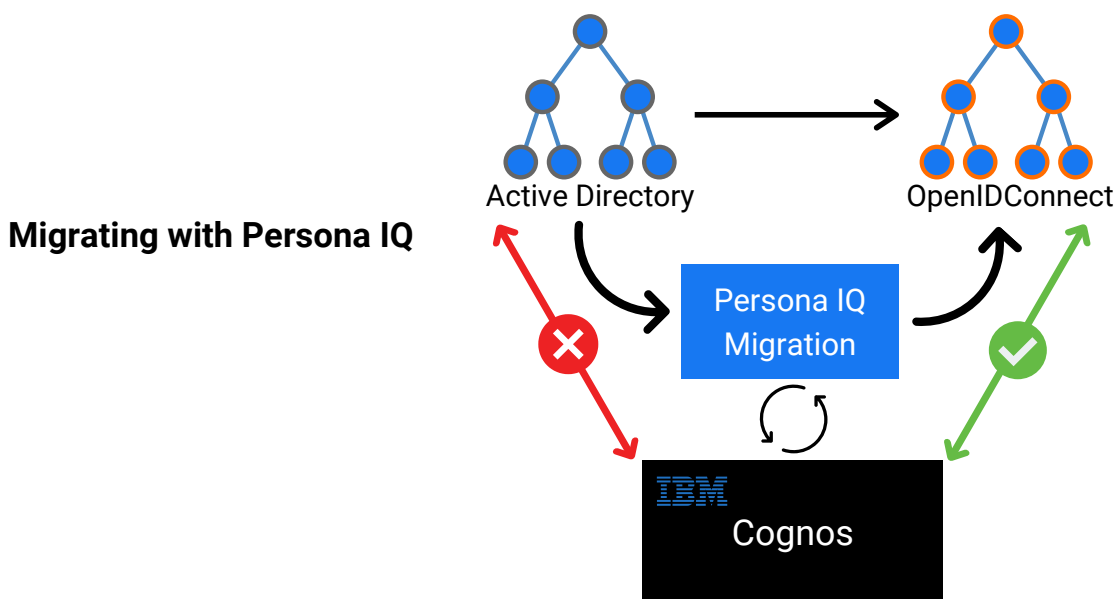
"If we had attempted this transition manually, there would have been a huge amount of work. Manually finding and updating all of the appropriate user, group and role references and then re-verifying access and data level security would've been an expensive and error-prone process"

— Lovemore Nyazema
BI Architect Lead,
HealthPort

A Simple and Painless Transition

Persona IQ can seamlessly transition existing Cognos environments between external authentication sources **without** impacting existing Cognos content, CAMIDs, or configuration. Persona IQ virtualizes all security principals that are exposed to Cognos from the existing namespace. Persona maintains the CAMID's of pre-existing principals, even when they are backed by a new source. All those tens of thousands of CAMID references in your Content Store stay exactly as they are. Zero changes are made to your Cognos content and CAMIDs stay the same! Persona IQ is the safest and lowest impact approach to reconfiguring Cognos to a different security source.

Alternatively, Persona IQ can migrate all security IDs between authentication sources. This process will change IDs within the Cognos content store as needed, safely and securely, via an easy to use mapping of users and groups between the chosen authentication sources.

Virtualizing with Persona IQ

OpenIDConnect   Active Directory

Persona IQ
Namespace

IBM
Cognos