Upgrade Addendum

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Check the migration guide

Review EVERY intermediate minor version to understand all noteworthy changes in behavior
https://docs.camunda.org/manual/7.14/update/minor/

API changes

- Identify changes that affect Serialization and Custom code

https://docs.camunda.org/manual/7.14/update/minor/78-to-79/#java-serialized-objects

- setting "serializationDataFormat": "application/x-java-serialized-object" is forbidden

https://docs.camunda.org/manual/7.14/update/minor/78-to-79/#jackson-version-update

- Jackson version in Spin project was updated from version 2.6.3 to 2.9.5, but Spin is still compatible with older version (2.6.3).

https://docs.camunda.org/manual/7.14/update/minor/79-to-710/#spin-and-jaxb

- Since Java 9, the previously included module "JAXB" was marked as deprecated and with Java 11 the module was removed entirely from the JDK

https://docs.camunda.org/manual/7.14/update/minor/711-to-712/#camunda-commons-typed-values-migration

- The library isn't part of the camunda-commons-bom anymore. Now, it is directly part of the camunda-bom. Users that are importing the camunda-commons-bom now need to either replace the import with the camunda-bom, or, explicitly declare the library version as described above.

Security Considerations

- CSRF Prevention Added https://docs.camunda.org/manual/7.14/update/minor/79-to-710/#csrf-prevention-in-the-webapps
  - This release secures the Webapps with CSRF Prevention. If you want to make use of the newly introduced security enhancement, please make sure to enable the CsrfPreventionFilter when migrating to 7.10 by adjusting the web.xml file of Camunda BPM Webapps.

- Whitelist users and groups https://docs.camunda.org/manual/7.14/update/minor/79-to-710/#whitelist-pattern-for-user-group-and-tenant-ids

  - With Camunda BPM 7.10 a whitelist pattern of User, Group and Tenant IDs has been introduced. By default, on creating or updating users, groups or tenants the ID is matched against the pattern "[a-zA-Z0-9]+|camunda-admin".

- Custom permissions https://docs.camunda.org/manual/7.14/update/minor/710-to-711/#changes-affecting-custom-permissions-resources

- Added XSS protection header in webapps https://docs.camunda.org/manual/7.14/update/minor/710-to-711/#http-header-security-in-webapps With Camunda BPM 7.11.0 we have added the XSS Protection Header to all server responses in conjunction with the Webapps.

Java JDK Changes

Tasklist Changes

- Customization issues with Jquery https://docs.camunda.org/manual/7.14/update/minor/713-to-714/#update-to-jquery-3-5

- New front end libs https://docs.camunda.org/manual/7.14/update/minor/710-to-711/#updated-front-end-libraries

Camunda Engine Changes

- New Engine Property https://docs.camunda.org/manual/7.14/update/minor/713-to-714/#new-process-engine-property

  - This minor release introduces a new process engine property - camunda.installation.id.

- User Operations Log https://docs.camunda.org/manual/7.14/update/minor/710-to-711/#user-operation-log-permissions

  - The authorization for user operation log entries has been adjusted.

- Camunda Connect https://docs.camunda.org/manual/7.14/update/minor/713-to-714/#new-engine-dependency-connect

  - Camunda Connect dependency has been added to the process engine (camunda-engine) artifact, allowing usage of simple connectors in the context of the new telemetry feature.

Metrics reporter changes

Deployment Aware changes

- async before historical varilable changes https://docs.camunda.org/manual/7.14/update/minor/712-to-713/#historic-process-instance-variables-on-asynchronous-instantiation

History Changes

- History cleanup has changed dramatically

- History cleanup **removal-time** based feature added

  - Check history cleanup configuration make sure it works with the new history cleanup features

  - End Time cleanup is viable for upgraded camunda

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