Evolveum

MidPoint 4.8

Katarína Bolemant
Development Team Leader

MidPoint 4.8 "Currie"

> Planned for October 17th 2023

  > Feature Freeze – September 5th

  > Release Candidate 1 – September 20th

  > Release Candidate 2 – October 4th

> LTS release with a 3 year support

> Repository

  > Native implementation – PostgreSQL recommended

  > Deprecated support for generic DB – Oracle, Microsoft SQL

  > Removed support for generic DB - PostgreSQL

Evolveum

A Plan for 4.8 "Currie"

> Streamline upgrades

> Security improvements

>> Improvements for performance related to authorizations

>> Improvements for authorizations for work items, certifications,…

>> Auto-scanning for vulnerabilities in dependencies

>> Expression profiles, script pre-authorizations

> Role mining

> First steps

> Dependencies upgrades

Evolveum

Streamline Upgrades 1/2

> **Objective**

>> Provide a tool for streamline upgrades for small to medium organizations

> Object validation with running midPoint

> Schema changes reporting

>> E.g. deprecations, removals, renames, …

> Migration suggestions for schema changes

>> E.g. element will be renamed, element will be removed, …

> Report of all expected migrations

Evolveum

> Automatic data migration

> Improved progress reporting

>> Detailed result what was done, status of operation, success/error rate

>> Provide information about what happened, what's happening, why it's happening

> Automatic detection for changes in initial objects

> Automatic connector upgrades

> DB Schema upgrade

> > > Only for native repository implementation

Evolveum

Security Improvements

> Improvements for performance related to authorizations

> Improves performance for scripts, reports...

> e.g. midpoint.resolveReferenceIfExists(ref), midpoint.getObjects(oid)

Evolveum

Security Improvements

> Improvements for authorizations for work items, certifications, …

>> A user can see or complete case work items assigned to him

>> A user can only see other users' assignments to the roles he is an owner or approver of

>> A user can only see other user's delegations' assignments

>> A user can see certification cases related to roles he is an owner or approver of

Evolveum

Security Improvements

> Auto-scanning for vulnerabilities in dependencies

>> Maven plugin

>> Publicly available list of reviewed vulnerabilities

> Expression profiles, script pre-authorizations

>> Which scripts can be used in scripts?

>> Exceptions for scripts when insufficient authorizations

>> E.g. custom defined actions in GUI, scripts in task template,...

Evolveum

Role Mining

> **Entitlement analysis**
>> How many users are members of a group?
>> Which groups can be used to define a role?

> **Mining based on application roles**
>> Jaccard index

> **Suggestion of new business role**

> **Anonymized export of data for testing the algorithm**
>> Back-ported to ninja to all supported versions

Evolveum

First Steps

> GUI Improvements aligned with the First Steps Methodology

> Mainly GUI Improvements regarding resource wizard

> Possibility to configure mappings in a simple way

> Support for common use cases, e.g. delayed delete, disable instead of delete
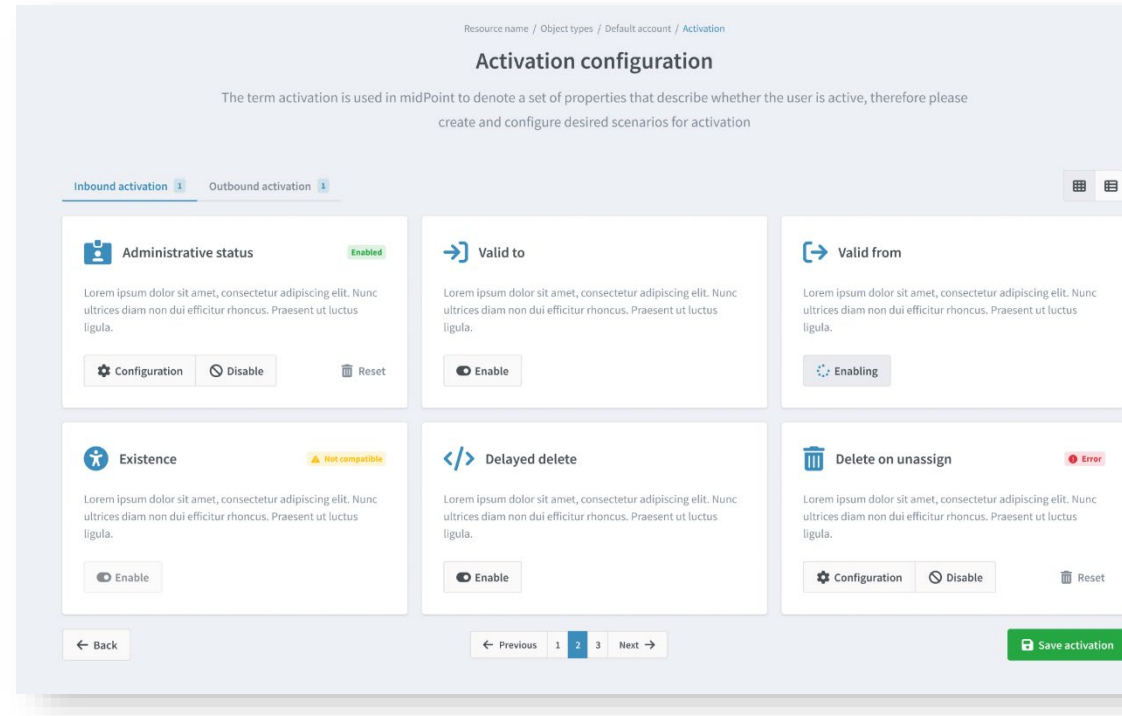
First Steps

> GUI Improvements aligned with the First Steps Methodology

> Modernized look and feel of resource details

>> Listing of accounts

>> Accounts statistics

>> Configuration for concrete types of accounts

Thank you for your time

Do you have any **questions**? Feel free to ask!

Follow us on social media or **join us** at GitHub or Gitter!

/Evolveum   @Evolveum   /Evolveum   /Evolveum   /Evolveum   /Evolveum

Evolveum