

IBM Operational Decision Manager

What's new in ODM 8.10

December 18th, 2020



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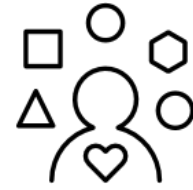
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ODM 8.10 in a nutshell

IBM Operational Decision Manager What's new in ODM 8.10

Enhanced Decision Center productivity and secure deployment on container environments.



Business console

Author and manage decision services in the Business console.



Testing and simulation

Validate decisions and analyze impact.



Container support

Deploy ODM to CNCF-certified Kubernetes environments.



Setup and automation

Configure, upgrade, and automate ODM with REST APIs.



Reporting and diagnostics

Control and report on Decision Center usage, leverage logs and execution diagnostics.



Security and authentication

Manage and monitor security and authentication with OpenID Connect.

Continuous delivery and support

[ODM 8.10.x support lifecycle](#), with end of fix support dates:

Release	Update Package Type	Release Date (GA)	End of Fix Support
8.10.0	CD	Dec. 7, 2018	June 19, 2019
8.10.1	CD	March 22, 2019	Dec. 12, 2019
8.10.2	LTSR	June 19, 2019	April 30, 2022
8.10.3	CD	Dec. 12, 2019	Dec. 18, 2020
8.10.4	CD	June 19, 2020	<i>To be announced</i>
8.10.5	LTSR	Dec. 18, 2020	<i>To be announced</i>

IBM ODM V8.10 uses the Continuous Delivery support model and [is available for a minimum of three years from the general availability](#), with a billable 2-year support extension.

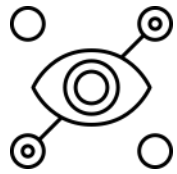
New functionality, security updates, and defect fixes will be made available through CD releases. Additional support will be made available, as necessary, through iFixes on only the two most recent CD updates and LTSR. [LTSR releases provide product defect fixes and security updates for a minimum period of two years from general availability date.](#)

History details

Area	Feature	8.10.0	8.10.1	8.10.2	8.10.3	8.10.4	8.10.5
Setup and automation	Administer Decision Center from the Business console	X	X	X	X	X	X
Setup and automation	Eclipse 4.7 upgrade	X	X	X	X	X	X
Testing and simulation	Define custom simulation KPIs	X	X	X	X	X	X
Testing and simulation	View how a test scenario was executed	X	X	X	X	X	X
Business console	Select rule properties to display in the list of rules		X	X	X	X	X
Security	Automatic security logout in the Business console		X	X	X	X	X
Setup and automation	Control access to Decision Center content and permissions		X	X	X	X	X
Setup and automation	Configure settings from the Business console		X	X	X	X	X
Testing and simulation	Export/import testing and simulation artifacts		X	X	X	X	X
Business console	Share content between decision services in the Business console			X	X	X	X
Business console	Lock decision tables from Rule Designer			X	X	X	X
Reporting	Generate reports on decision service content			X	X	X	X
Setup and automation	Explore and manage Decision Center decision services with REST APIs			X	X	X	X
Testing and simulation	Verify and debug test suites in Rule Designer			X	X	X	X
Kubernetes	Deploy to CNCF-certified Kubernetes environments				X	X	X
Reporting	Retrieve execution statistics by REST API				X	X	X
Security	Manage authentication across all ODM components with OpenID Connect				X	X	X
Business console	Create a branch from a snapshot				X	X	X
Testing and simulation	Optimize test suite processing for large rulesets					X	X
Kubernetes	Instructions for deploying on Amazon EKS and Azure AKS					X	X
Security	Configure timeout and autosave in the Business console					X	X
Setup and automation	Run incremental upgrades by REST API					X	X
Business console	Create branches for shared decision service projects						X
Setup and automation	Complete Decision Center installation by REST API						X
Setup and automation	Set roles and permissions by REST API						X
Setup and automation	Upgrade all ODM applications at once						X
Setup and automation	Get warned when the Decision Center DB is out of sync with the ODM version						X
Setup and automation	Improved migration guidance						X

What's new in ODM 8.10.5

What's new in ODM 8.10.5 (Dec. 2020)



Long-term support

Security updates and defect fixes will be delivered for a minimum of two years after General Availability date.



Business Console

Create associated branches when creating a shared decision service branch

Admin capabilities: define roles and permissions, configure extension models, manage locks

→ *All critical tasks can now be done without the Enterprise console.*

→ *Decision modeling continues in Automation Decision Services.*



System & Platform

Install iFix and upgrades for all components at once.

Improved doc. for migrating from 8.9 to 8.10

Generate RES HTDS API files for OpenID Connect (upgrade to OpenAPI 3.0).



Kubernetes

Helm 3 support

Container configuration improvements (RES name setup)

Platform Support Updates

RHEL 8

MS SQL Server 2019

Complete Decision Center installation by REST API

New in 8.10.5
Setup and automation

DBAdmin			
GET	/v1/DBAdmin/compactseq	Generate SQL script to copy DC data available in original schema to this datasource, updating the sequence values in order to remove gaps between consecutive values.	🔒
POST	/v1/DBAdmin/execute	Execute SQL script	🔒
POST	/v1/DBAdmin/extendmodel	Generate a SQL script for model extensions	🔒
GET	/v1/DBAdmin/migration	Generate migration script	🔒
GET	/v1/DBAdmin/migrationrole	Generate migration role	🔒
GET	/v1/DBAdmin/status	Get SQL script execution status	
POST	/v1/DBAdmin/uploadextensionmodel	Persist model extension files .brmx and .brdx	🔒
POST	/v1/DBAdmin/uploadmessagesfile	Persist localized messages file	🔒

Install model extensions
with REST APIs

Set roles and permissions by REST API

New in 8.10.5
Setup and automation

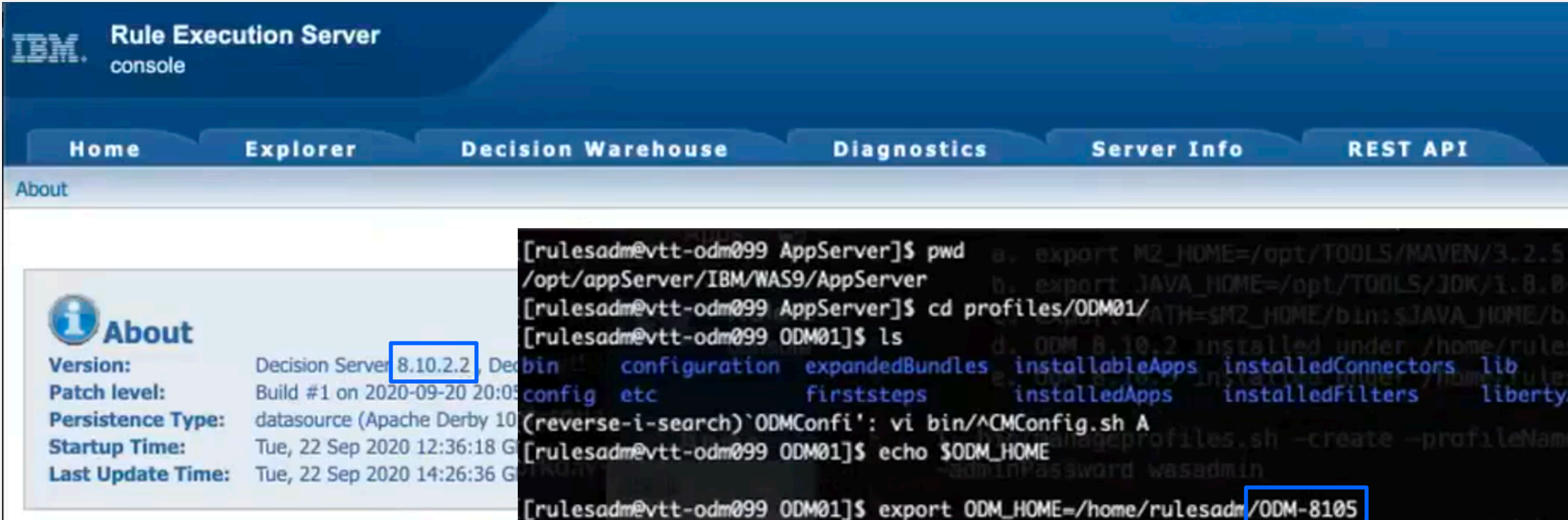
POST	/v1/decisionservices/import	Import a decision service into the repository	🔒
GET	/v1/permissions/effective	Retrieve the effective permissions for one or more groups to JSON	🔒
GET	/v1/permissions/export	Export the permissions that are defined for a group to JSON	🔒

Import and export
permissions as a
JSON file

```
{
  "group": "Eligibility",
  "permissions": [
    {
      "permission": "CREATE",
      "value": "NO",
      "type": "*"
    },
    {
      "permission": "CREATE",
      "value": "YES",
      "type": "brm.ActionRule"
    },
    {
      "permission": "VIEW",
      "value": "YES",
      "type": "*"
    },
    {
      "permission": "UPDATE",
      "value": "NO",
      "type": "*",
      "feature": "*"
    },
  ],
}
```


Upgrade all components at once

New in 8.10.5
Setup and automation



IBM Rule Execution Server console

Home Explorer Decision Warehouse Diagnostics Server Info REST API

About

About

Version: Decision Server 8.10.2.2, Dec
Patch level: Build #1 on 2020-09-20 20:05
Persistence Type: datasource (Apache Derby 10
Startup Time: Tue, 22 Sep 2020 12:36:18 G
Last Update Time: Tue, 22 Sep 2020 14:26:36 G

```
[rulesadm@vtt-odm099 AppServer]$ pwd
/opt/appServer/IBM/WAS9/AppServer
[rulesadm@vtt-odm099 AppServer]$ cd profiles/ODM01/
[rulesadm@vtt-odm099 ODM01]$ ls
bin configuration expandedBundles installableApps installedConnectors lib logs servers tranlog wstemp
config etc firststeps installedApps installedFilters libertyAdvisor properties temp workspace
(reverse-i-search)`ODMConfi': vi bin/^CMConfig.sh A
[rulesadm@vtt-odm099 ODM01]$ echo $ODM_HOME
/home/rulesadm/ODM-8105
[rulesadm@vtt-odm099 ODM01]$ export ODM_HOME=/home/rulesadm/ODM-8105
[rulesadm@vtt-odm099 ODM01]$ bin/ODMConfig.sh -upgrade -profile ODM01 -app RESConsole -adminUsername wasadmin -adminPassword wasadmin
Checking ODM installation directory
Upgrading RESConsole from '/home/rulesadm/ODM-8105' on profile ODM01
```

Upgrade a specific profile
(HTDS, Decision Center, XU, SSP)
Upgrade a full cluster



```
#####
ODM application has been successfully upgraded. (You may need restart your server)
#####
```

Get warned when the Decision Center database is not in sync with ODM version

DecisionCenter

HOME

LIBRARY

WORK

ADMINISTRATION

Connection Settings

Groups

Users

Project Security

Servers

Diagnostics

Settings

Execute diagnostics to check the state of your Decision Center instance.

Run All

Collapse All

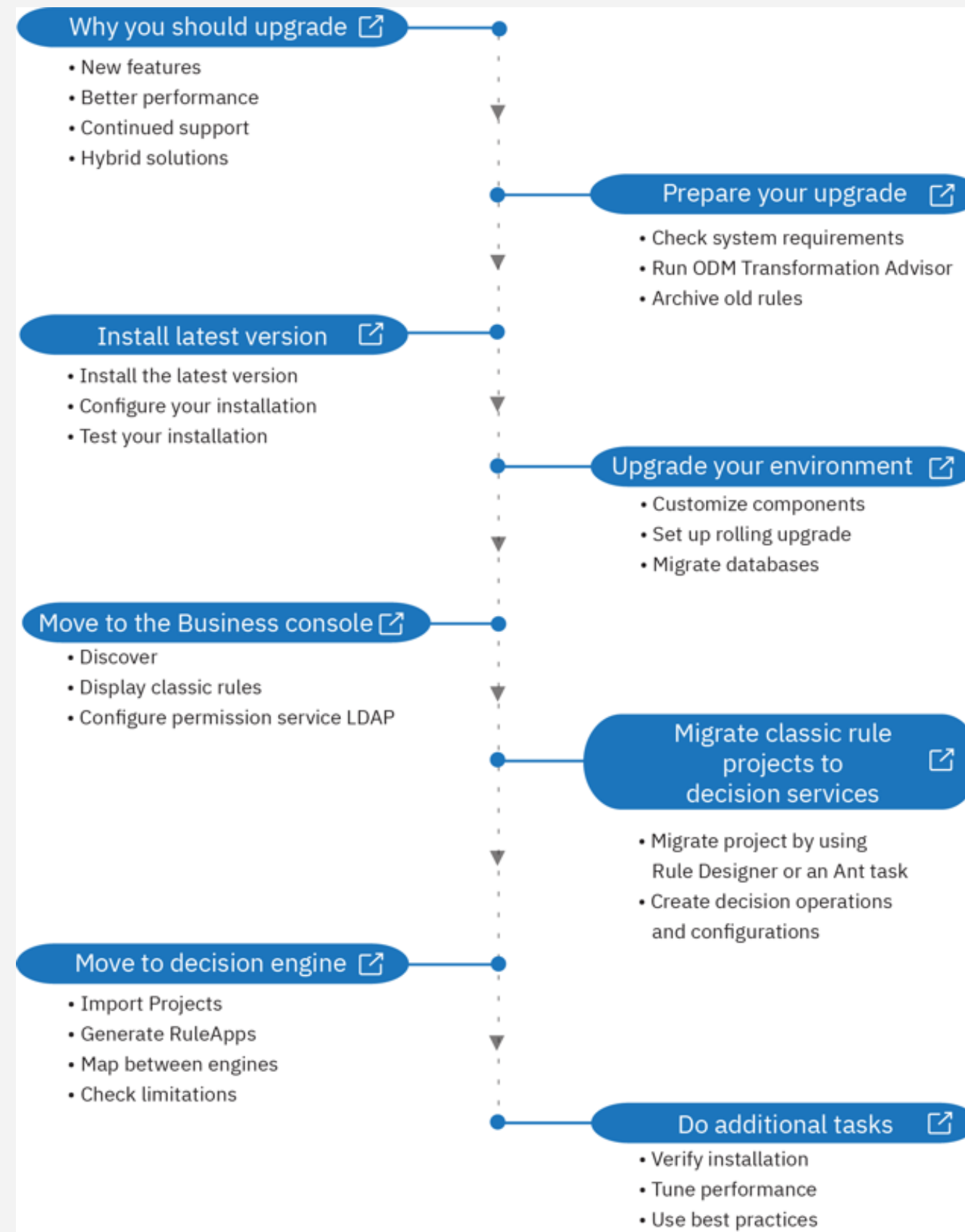
Diagnostic	Status	Details
About		
System		
Decision Model		
Data source	✓	
Data source name	✓	jdbc/iLogDataSource
Database schema version	✓	JRules 8.9 <div>You may want to upgrade your database schema.</div>
Database information	✓	H2 1.4.195 (2017-04-23)
Create database connection	✓	Passed
Check database schema exists	✓	Passed
Persistence Locale	✓	English (United States)

The warning appears when you run the Decision Center diagnostics

Your schema version is lower than the latest version supported by your version of Decision Center (JRules 8.10.5). You may want to upgrade it to benefit from database management improvements. Please refer to the documentation about [Migrating the Decision Center database](#).

Improved migration guidance

New in 8.10.5
Setup and automation



Knowledge Center
instructions, with focus on
migration from 8.9 to 8.10

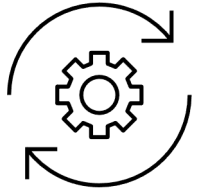
Perform all Decision Center critical tasks with the Business console and REST APIs

	Business console and REST APIs	8.9	8.10.1	8.10.2	8.10.5
Author	Manage decision service projects	●	●	●	●
	Author rules with the Intellirule Editor	●	●	●	●
	[N] Create ruleflows	●	●	●	●
	Author functions and technical rules	○	○	●	●
Validate	Run tests and simulations	●	●	●	●
Deploy	Create deployment configurations	●	●	●	●
Manage	Manage servers	●	●	●	●
	[N] Govern releases with a built-in framework	●	●	●	●
	Share content between projects	○	○	●	●
	Define roles and permissions	○	○	○	●
	Manage branches	●	●	●	●
	[N] Create decision operations	●	●	●	●
	Manage dynamic domains	●	●	●	●
	[N] Receive notifications	●	●	●	●
	Generate reports	○	●	●	●
	Run queries and search	●	●	●	●
Configure	Set configuration parameters	○	◐	◐	●
	Set build options	○	●	●	●
	Run diagnostics	●	●	●	●

The Business console has evolved to cover all Decision Center critical tasks previously managed in the Enterprise console, and more.

[N] – New capabilities of the Business console that were not available in the Enterprise console.

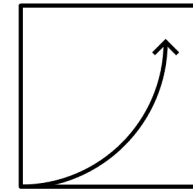
Decision Center Enterprise console is deprecated: your next steps



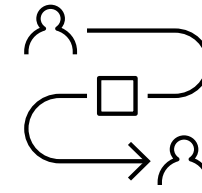
Enhance governance for business users in the Business console, while gaining better control of your deployments, with [decision service projects](#).



Integrate and automate many common activities with Decision Center [REST APIs](#).

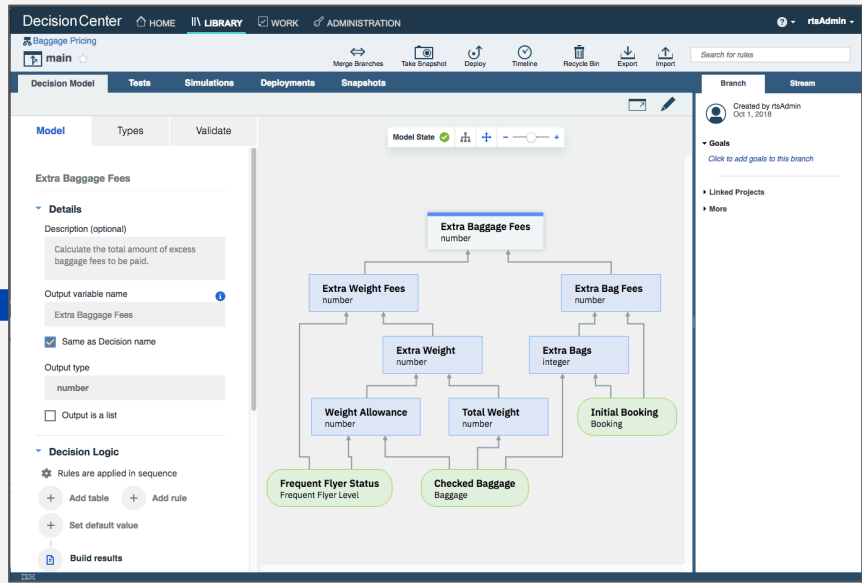


Improve runtime performance with the [decision engine](#).

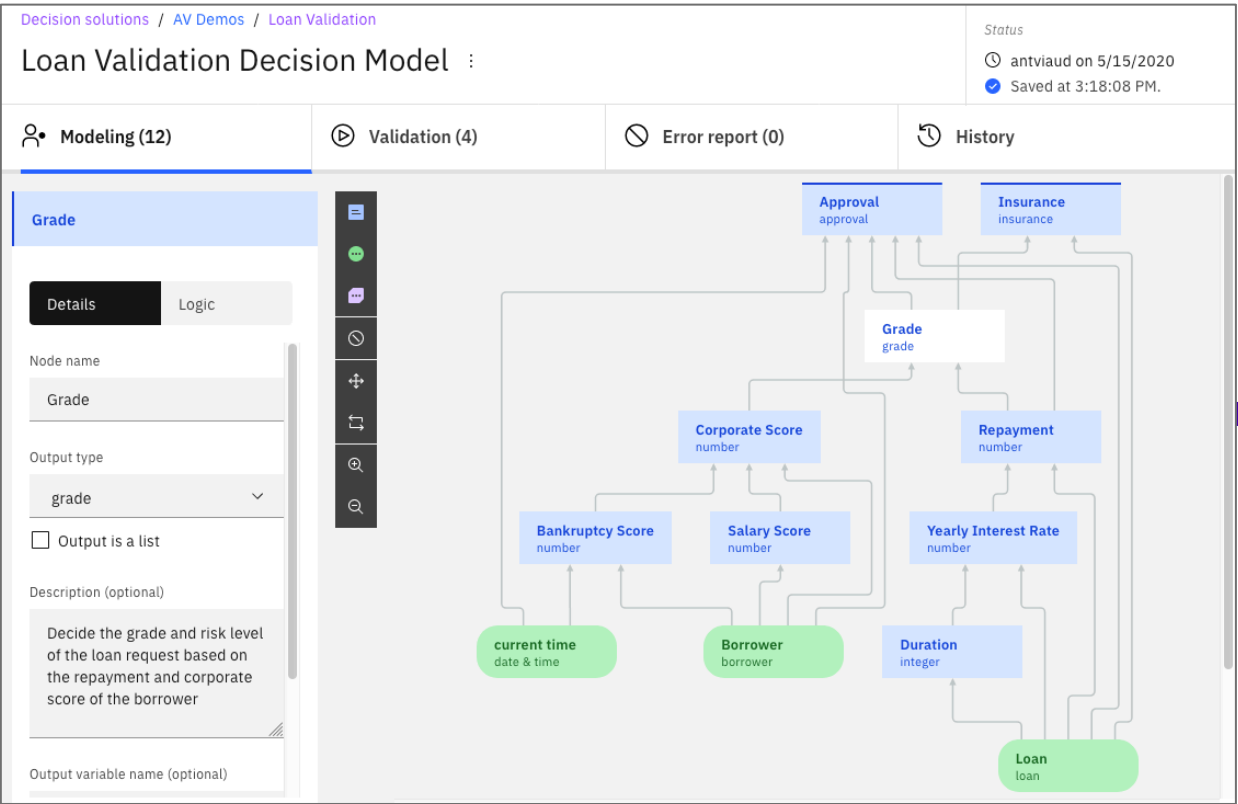


Contact your account representative or engage with services to [migrate customized projects](#).

Decision modeling continues in Automation Decision Services



ODM 8.10.5
Deprecation of
decision modeling



	ODM	ADS
Create DMN-like decision models	☒	☒
Create data models	☒	☒
Validate models in place	☒	☒
Compose decision models	☐	☒
Author in several locales	☐	☒
Verbalize the data model	☐	☒
Invoke predictive models	☐	☒
Collaborate with other users	☐	☒

IBM Cloud Pak for
Automation 20.0.3
Decision model
import in ADS

ADS can import decision models created
in ODM or Decision Composer

What's new in ODM 8.10.4

What's new in ODM 8.10.4 (June 2020)



Enhanced Business console productivity

- Autosave on timeout
- Create a branch from a snapshot



Faster troubleshooting

- HTDS performance logs
- Additional events logged in Decision Center for debugging



Smoother upgrades

- Upgrade the Decision Center database by REST API
- Run migration scripts incrementally



Finer configuration of ODM container

- Setup instructions for Amazon EKS and Azure AKS.
- Configure OpenID Connect

Platform Support Updates

Java 8.0.5.4
PostgreSQL 12

WebSphere® Application Server ND 9.0.5
WebSphere® Application Server Liberty 20.0.0.3
Apache Tomcat 9

Create a branch from a snapshot

New in 8.10.4
Business console

Decision Center

HOME

LIBRARY

WORK

ADMINISTRATION

AutoQuote

main

Merge Branches

Take Snapshot

Deploy

Timeline

Recycle

Decision Artifacts

Queries

Tests

Simulations

Deployments

Snapshots

Model

Snapshots

Visualize, compare and restore snapshots

Filter:

Total: 2 Selected: 0

1

10 | 50 | 100 | All

Name	Type	Created By	Created On
<input type="checkbox"/> Deployment_to_QA_env_2020-04-29T14_24_01Z	Deployment Snapshot		
<input type="checkbox"/> mySnapshot	Standard Snapshot		

Clone To Branch

Specify the name for the branch

Name newBranch

Clone To Branch

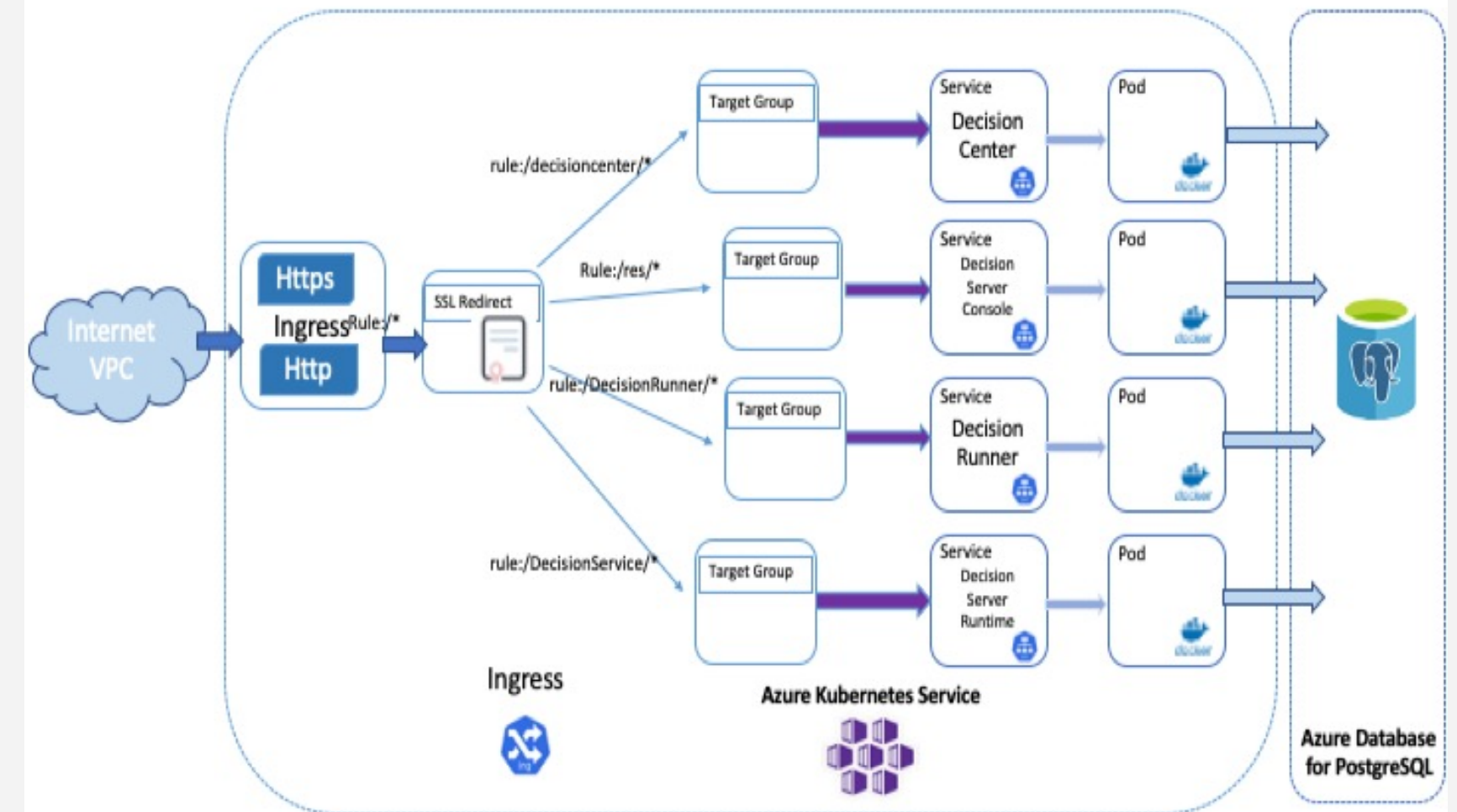
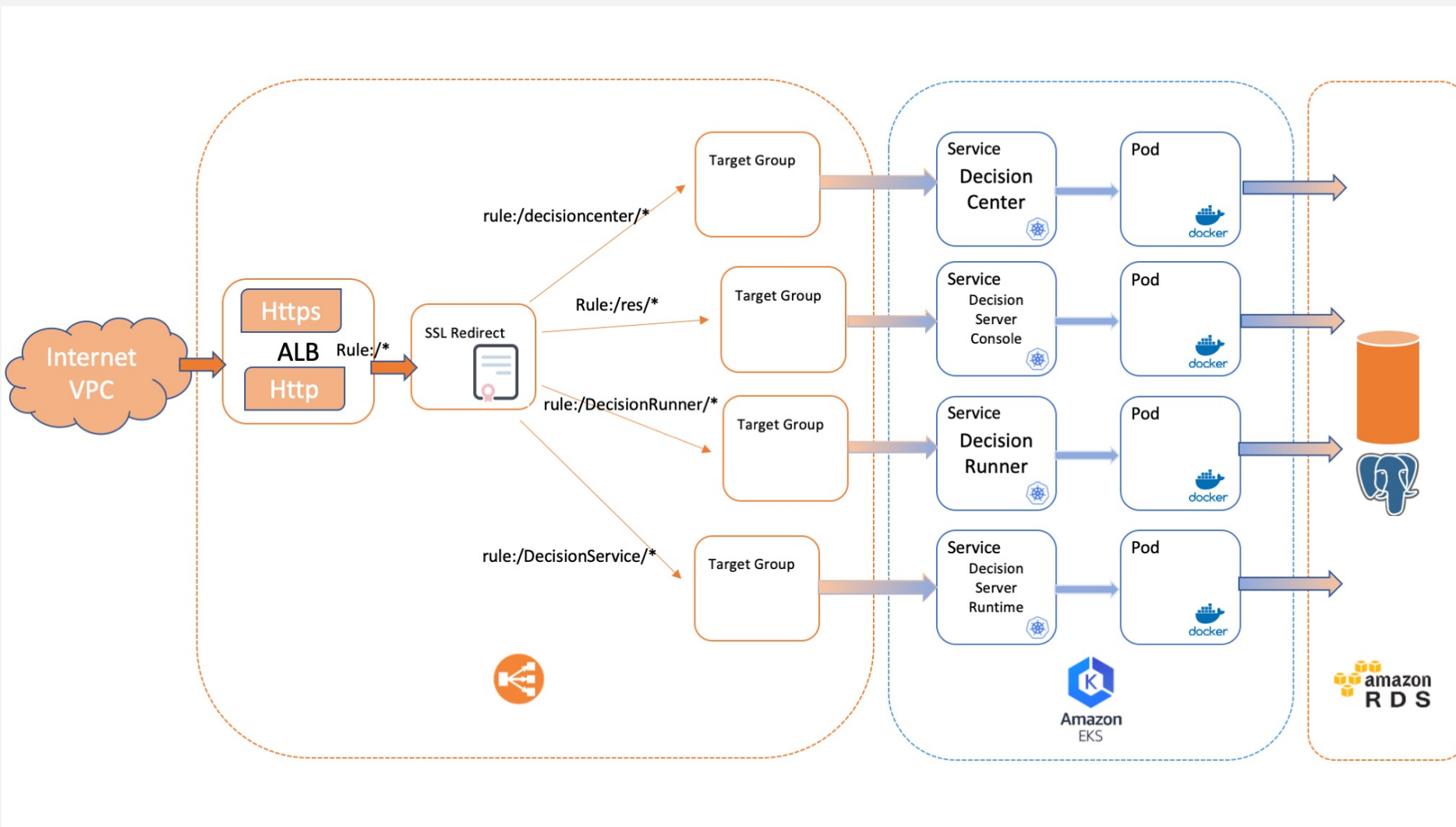
Create a new branch from
any type of snapshot

Deploying ODM to EKS & AKS

New in 8.10.4
Container support

Amazon EKS

Azure AKS



<https://github.com/ODMDev/odm-docker-kubernetes/blob/master/eks/README.md>

<https://github.com/ODMDev/odm-docker-kubernetes/blob/master/azure/README.md>

Run incremental upgrades by REST API

New in 8.10.4
Setup and automation

IBM ODM Decision Center API

Explore, build, test and deploy decision services stored in Decision Center

About

Show/Hide

List Operations

Expand Operations

Admin

Show/Hide

List Operations

Expand Operations

Build

Show/Hide

List Operations

Expand Operations

DBAdmin

Show/Hide

List Operations

Expand Operations

POST

/v1/DBAdmin/execute

Execute SQL script

GET

/v1/DBAdmin/migration

Generate migration script

GET

/v1/DBAdmin/migrationrole

Generate migration role

GET

/v1/DBAdmin/status

Get SQL script execution status

Explore

Show/Hide

List Operations

Expand Operations

Govern

Show/Hide

List Operations

Expand Operations

Manage

Show/Hide

List Operations

Expand Operations

1. Select the migration role
2. Generate the SQL script
3. Run the SQL script
4. Review the status

Have your work automatically saved on timeout

New in 8.10.4
Security and authentication

The screenshot shows the 'Decision Center' Administration interface. The 'Settings' tab is selected, and the 'Session Timeout' section is expanded. The 'Session max inactive interval (in minutes)' is set to 30, and the 'Delay before timeout for the warning message (in minutes)' is set to 10. The 'Save edited artifact before timeout' toggle is turned on. A 'Reset' button is visible at the bottom right of the settings area.

Decision Center

HOME LIBRARY WORK ADMINISTRATION

Connection Settings Groups Users Project Security Servers Diagnostics Settings

Decision Center

Business Console

Custom Settings

Decision Artifacts Tab

Show number of artifacts in Decision Artifacts tree (may impact performances)

Decision Tables

Default row ordering for decision tables

Automatic

Customer Survey

Do not show customer survey

Session Timeout

Session max inactive interval (in minutes)

30

Delay before timeout for the warning message (in minutes)

10

Save edited artifact before timeout

Reset

The 'Session expiring' dialog box contains a yellow warning icon and the text: 'Your session is about to expire. Click on 'Continue' to continue working, or on 'Disconnect' to logout.' There are two buttons: 'Disconnect' and 'Continue'.

Session expiring

ⓘ Your session is about to expire. Click on 'Continue' to continue working, or on 'Disconnect' to logout.

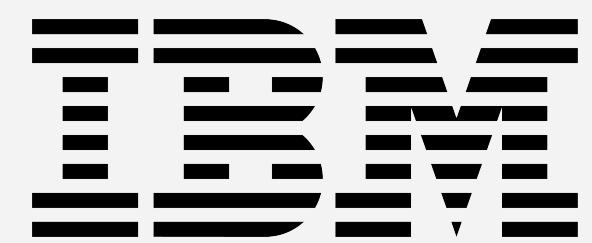
Disconnect Continue

The 'Session expired' dialog box contains a yellow warning icon and the text: 'Your session has expired. A new version of the artifact that was being edited has been automatically saved.' There is one button: 'OK'.

Session expired

ⓘ Your session has expired. A new version of the artifact that was being edited has been automatically saved.

OK



What's new in ODM 8.10.3

Supported container environments

New in 8.10.3

Container support

IBM Operational Decision Manager as part of IBM Cloud Pak for Automation entitlement



- Delivered as an operator as part of the IBM Cloud Pak for Automation installation
- Provides native OpenShift support.

IBM Operational Decision Manager standalone entitlement



- Starting with version 8.10.3, ODM supports CNCF-certified container environments
- Support statement: [IBM Operational Manager for Certified Kubernetes Platforms](#)
- Delivered as a Helm chart on Passport Advantage, under the ODM Product ID.
- See [Software Product Compatibility Report](#)

IBM technical support for IBM Operational Decision Manager in a qualified Kubernetes environment is limited to the code that is developed by IBM.

Retrieve execution statistics by REST API

New in 8.10.3
Reporting and diagnostics

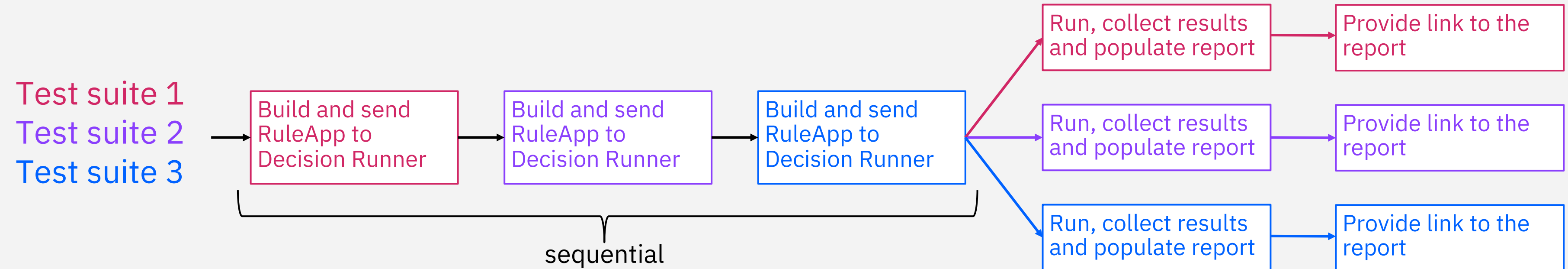
You can now identify execution units and retrieve their execution statistics by API.

The screenshot displays the REST API tool interface. At the top, there is a navigation bar with tabs: Home, Explorer, Decision Warehouse, Diagnostics, Server Info, and REST API. Below the navigation bar, the title "REST API tool" is shown. A descriptive text states: "You can use this test tool to test the REST API for resource management. To test the REST API for remote ruleset execution, click the Explorer tab and navigate to the Ruleset View. REST API WADL file: </res/apiauth/v1/DecisionServer.wadl>". Below this, there is a row of tabs for different API endpoints: /ruleapps, /rulesets, /libraries, /xoms, /decisiontraces, /executionunits (highlighted with a red box), and /utilities. The /executionunits tab is active, showing a list of API endpoints with their HTTP methods and descriptions:

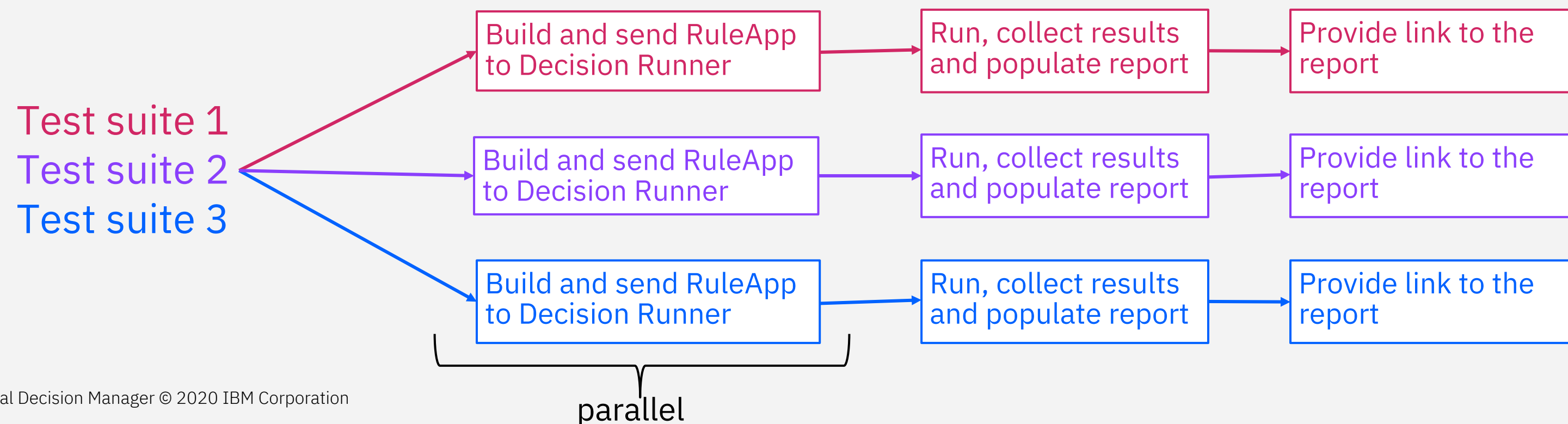
- GET** /executionunits
getExecutionUnits Returns information about all Execution Units.
- GET** /executionunits?count=true
getCountOfExecutionUnits Counts the number of elements in this list.
- GET** /executionunits/{executionunitreference}/statistics/{ruleappname}/{ruleappversion}/{rulesetname}/{rulesetversion}
getRulesetStatisticsForExecutionUnit Returns execution statistics about a ruleset, considering a specific Execution Unit.
- GET** /executionunits/statistics/{ruleappname}/{ruleappversion}/{rulesetname}/{rulesetversion}
getRulesetStatistics Returns execution statistics about a ruleset, considering all Execution Units.
- DELETE** /executionunits/statistics/{ruleappname}/{ruleappversion}/{rulesetname}/{rulesetversion}
resetRulesetStatistics Resets execution statistics about a ruleset.

Test suite processing optimization for large rulesets

By default, test suite rulesets are built in sequence:



For large rulesets, **optimize processing** by setting the parameter `decisioncenter.testsuites.threadpool.size`:



Connect once, access anywhere with OpenID Connect

New in 8.10.3

Security and authentication



- ✓ Secure, password-less Web and API authorization
- ✓ Identity federation: reuse your identity servers
- ✓ Compliance with security policies
- ✓ Central place to manage and monitor accounts

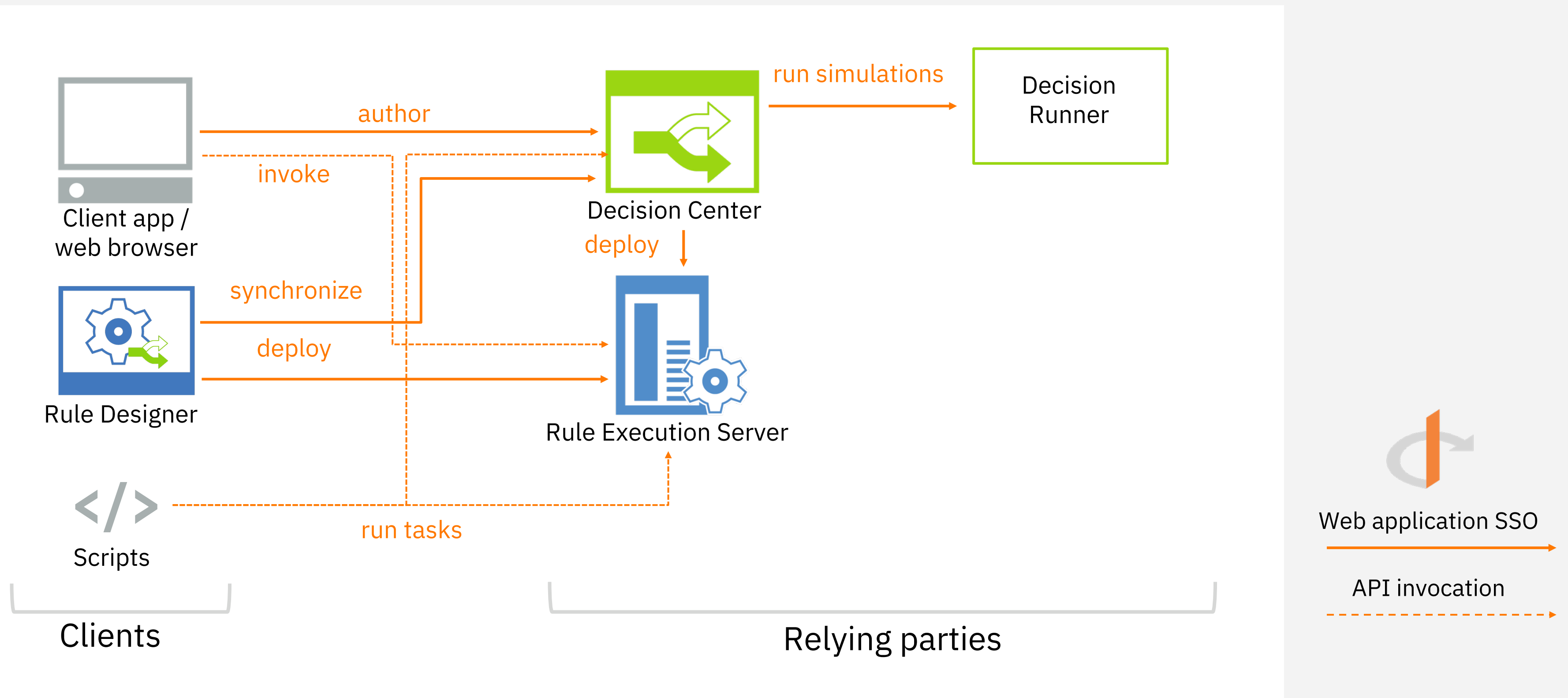
Requirements:

- An OpenID Connect provider is in place
- App server is WAS Liberty
- RES Decision Services are configured as protected

For ODM on-prem only.

Manage authentication across all ODM components

New in 8.10.3
Security and authentication



What's new in ODM 8.10.2

Lock decision tables

debt to income

min

max

0 %

30 %

credit score

min

max

0

200

200

800

0

400

message

debt-to-income too high compared to credit score

debt-to-income too high compared to credit score

Decision Table Properties

Lock

Apply locking rules to the decision table.

Enforce locking rules on this table

Show lock icons on columns

Preconditions

Lock Preconditions

Conditions

Prevent addition or removal of columns

Condition columns:

	Lock test	Lock partitions	Lock values
Table	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
debt to income	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Prevent unauthorized or accidental changes to decision table content

Define locks in Rule Designer,
Enforce in Business Console

repayment and score (v2.3)

debt to income

min

max

30 %

45 %

30 %

45 %

credit score

min

max

0

200

200

800

0

400

400

800

1

2

3

4

Definition is locked.

Partitions are locked.

The values of this column are locked.

Share rule content between decision services

New in 8.10.2

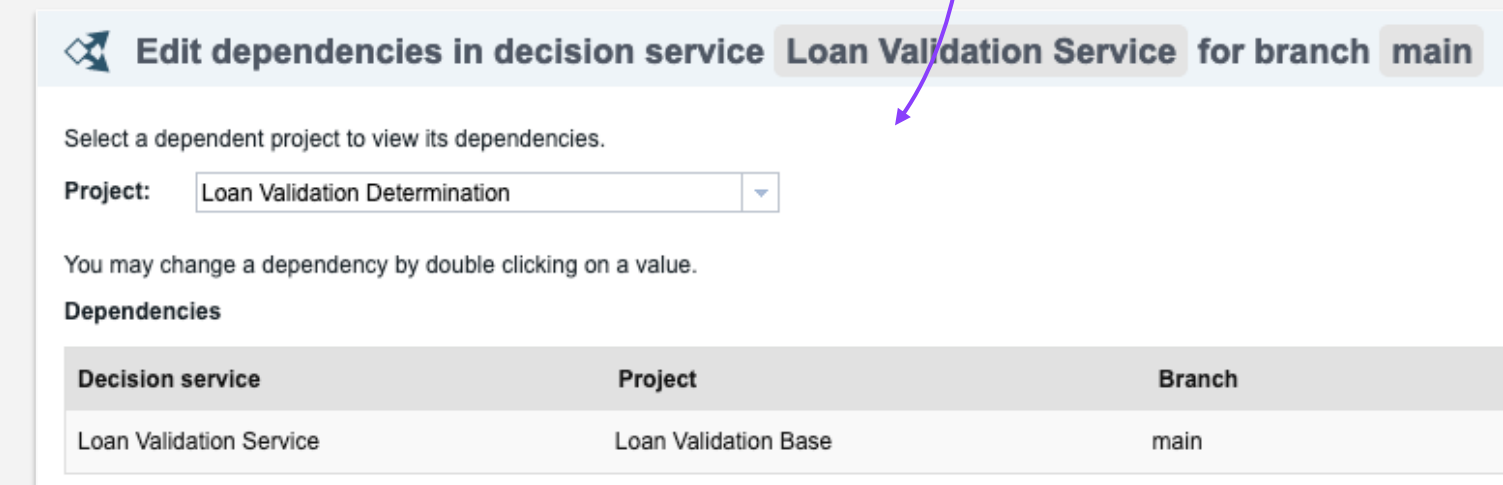
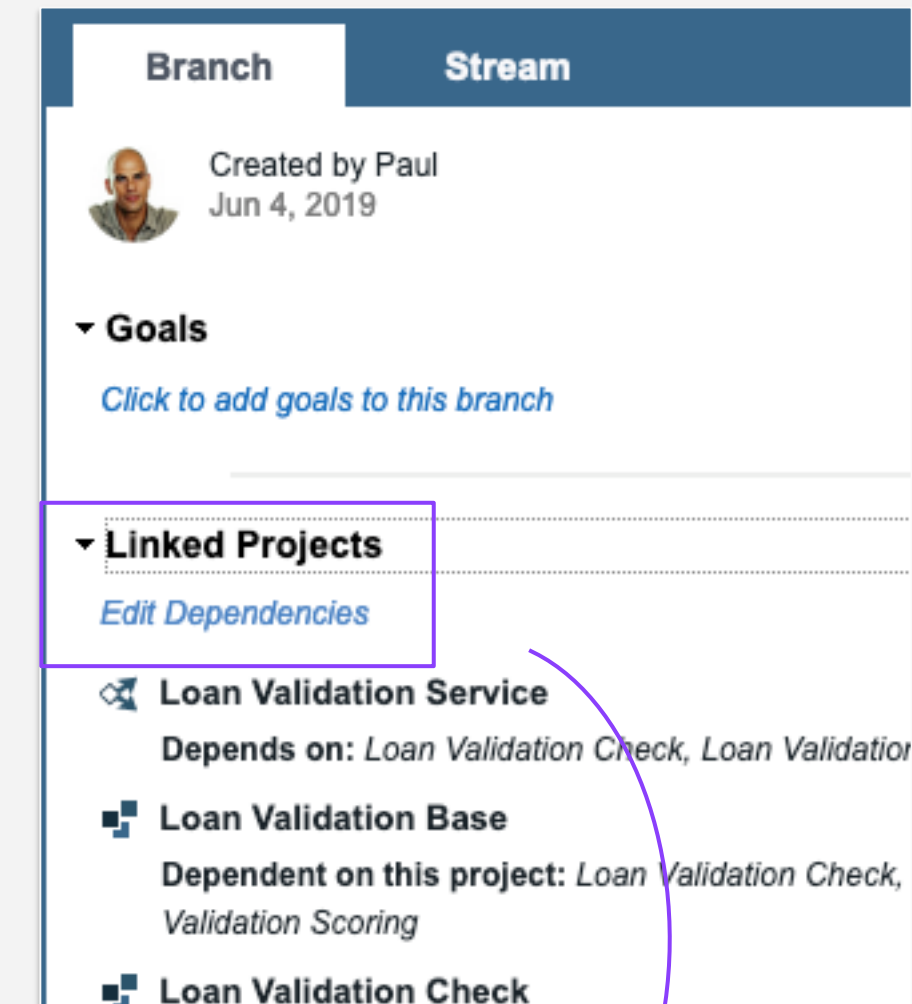
Business console

Allow 2 or more decision service branches to reference the same rule content, from a shared project branch

Benefits:

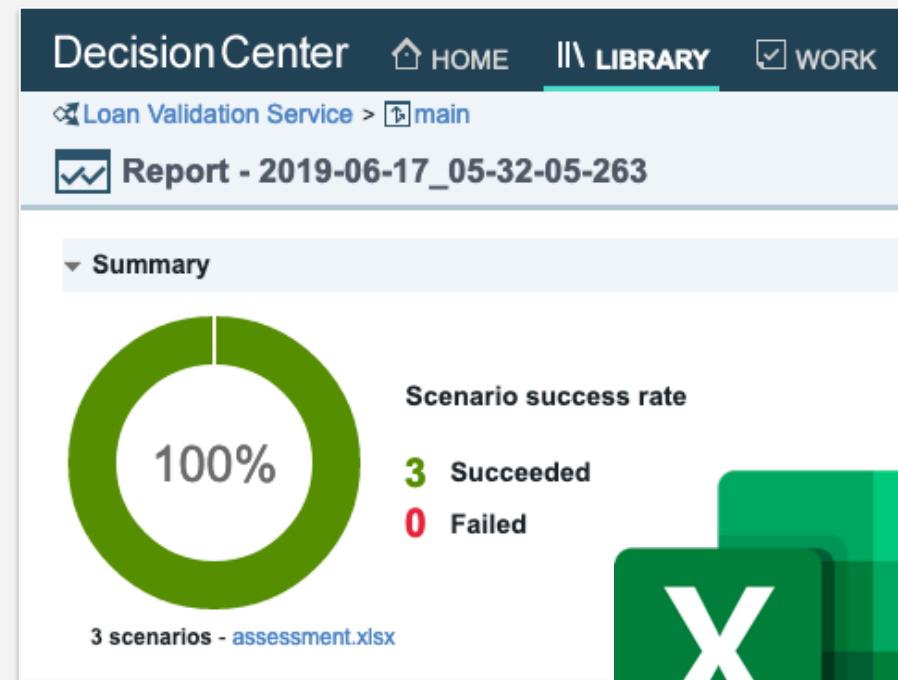
- Make a change once (to a BOM for instance) in a given project branch, and automatically propagate this update to all other decision services branches referencing that shared branch.
- Facilitate migrations from classic rule projects using shared branches

Feature only available for regular branches (not for governed releases – activities)



Verify and debug test suites in Rule Designer

New in 8.10.2
Testing and simulation

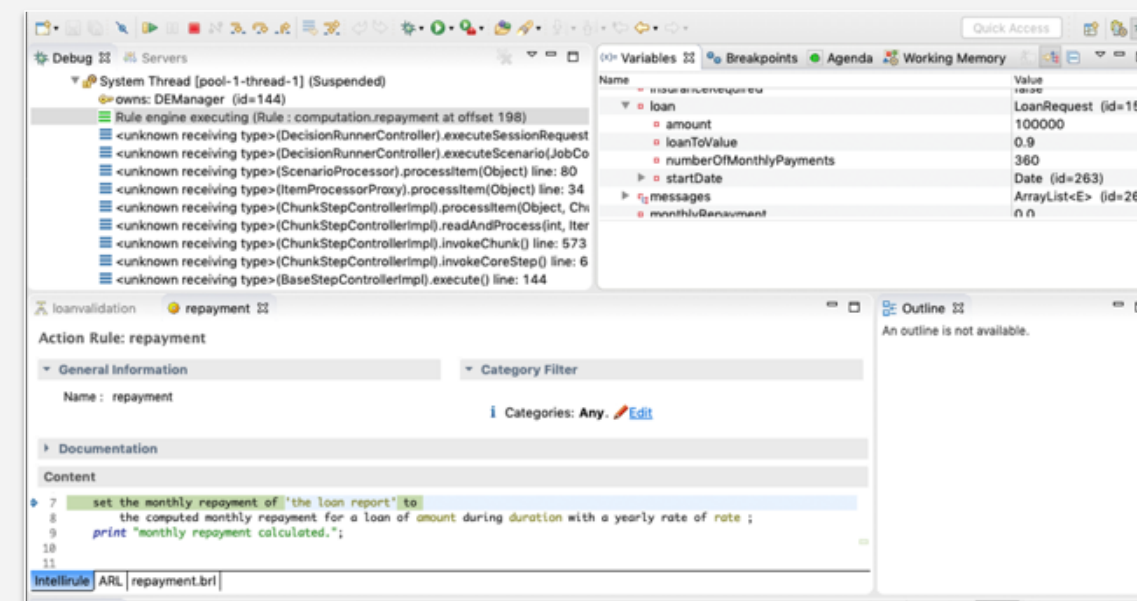


Using a test suite file
that typically comes
from Decision Center



```
*****
Scenario Number 0 : 'Very low risk' = Success
Time = 32, Nb Executed Rules = 15, Nb Executed Tasks = 6
*****
Scenario Number 1 : 'Big Debt/Income loan' = Success
Time = 3, Nb Executed Rules = 13, Nb Executed Tasks = 5
*****
Scenario Number 2 : 'High loan' = Success
Time = 1, Nb Executed Rules = 6, Nb Executed Tasks = 3
*****
Nb Executed 3
Nb Failures 0
Nb Errors 0
End running the JVM for testing
```

Verify in Rule Designer
that decision service test
scenarios are working
properly

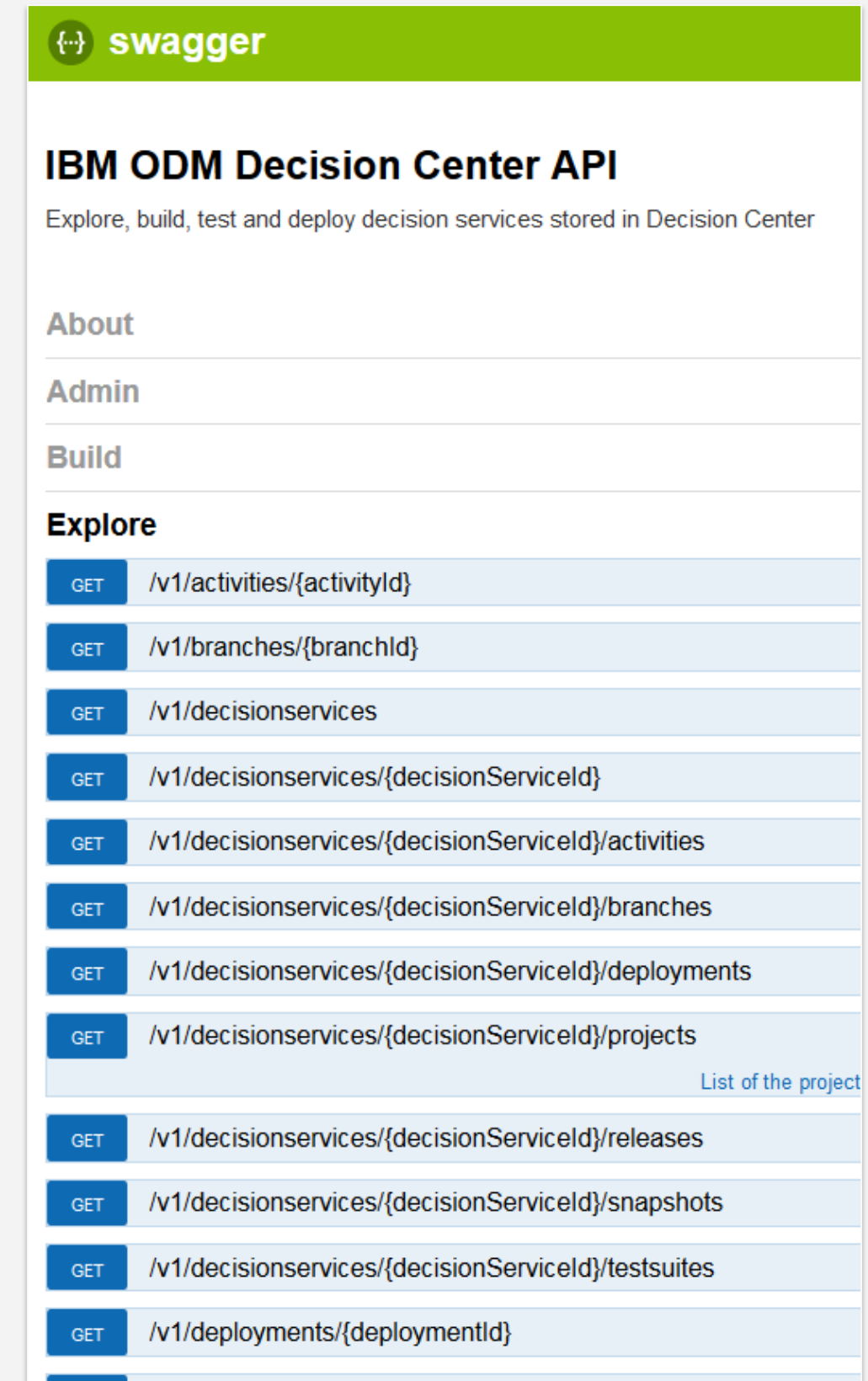


Debug in Rule Designer
when outcome of test
scenario execution doesn't
match expected results

Explore and automate decision services by REST API

New in 8.10.2+
Setup and automation

- Enable creation of custom reports on decision service content, to audit your repository
- For example:
 - Generate lists of the project elements in a decision service (rules, folders, decision operations, and so on)
 - Create a snapshot of a decision service
 - Delete a test report



Generate reports on decision service content

New in 8.10.2
Reporting and diagnostics

Generate a report to share content outside Decision Center, or for auditability purposes

The screenshot displays the IBM Decision Center interface. At the top, the navigation bar includes 'Decision Center', 'HOME', 'LIBRARY' (highlighted), 'WORK', and 'ADMINISTRATION'. A user profile 'Paul' is visible in the top right. Below the navigation bar, a toolbar contains icons for 'Merge Branches', 'Take Snapshot', 'Deploy', 'Timeline', 'Recycle Bin', 'Export', 'Import', and 'Reports' (highlighted with a purple box). A search bar labeled 'Search for rules' is also present. The main content area features a tabbed interface with 'Decision Artifacts', 'Queries' (highlighted with a purple box), 'Tests', 'Simulations', 'Deployments', 'Snapshots', 'Model', 'Branch', and 'Stream'. Under the 'Queries' tab, there are sub-tabs for 'Queries List', 'Query Results', and 'Reports' (highlighted with a purple box). The main content area displays three links: 'Click here to see the full report of the Decision Service 'Loan Validation Service'. To generate a report from a project or a query, select a query from the "Queries List" tab.', 'Click here to see the report on project : 'Loan Validation Service'', and 'Click here to see the report of the query : 'validated rules query' on project : 'Loan Validation Service''. A purple line connects the 'Reports' sub-tab to a callout box. The right sidebar shows a user profile 'Paul' with the text 'Created by Paul May 27, 2019', a 'Goals' section with a link 'Click to add goals to this branch', and a 'Linked Projects' section with a 'More' link.

Select the content of the report for:

- the entire decision service
- a selected decision service project
- the results of a selected query

What's new in ODM 8.10.1

Select rule properties to display in list of rules

New in 8.10.1
Business console

←

→

computation

+

✖

📄

📄

⬇

★

☆

Filter:

Total: 6 Selected: 0


◀ 1 ▶

10 | 50 | 100 | All

<input type="checkbox"/> Name	Last Changed By	Last Changed On	Status	Tags
<input type="checkbox"/> neverBankruptcy	Paul	Mar 8, 2019	Validated	
<input type="checkbox"/> repayment	Paul	Mar 8, 2019	Deployable	req: A256
<input type="checkbox"/> initialCorporateScore	Paul	Mar 8, 2019	Validated	
<input type="checkbox"/> bankruptcyScore	Paul	Mar 8, 2019	Validated	
<input type="checkbox"/> rate	Paul	Mar 8, 2019	Validated	
<input type="checkbox"/> salary2score	Paul	Mar 8, 2019	Validated	



User Profile



Paul

Change

Display

Grid columns

Automatically follow

Choose the columns you want to be displayed in Decision Artifacts and Query Results tables. You may rearrange the order of columns by clicking and moving column names.

☒ Last Changed By

☒ Status

☐ Created By

☐ Categories

☐ Group

☐ Effective Date

☐ Overridden Rules

☐ Main Flow Task

☒ Last Changed On

☒ Tags

☐ Created On

☐ Active

☐ Priority

☐ Expiration Date

☐ Documentation

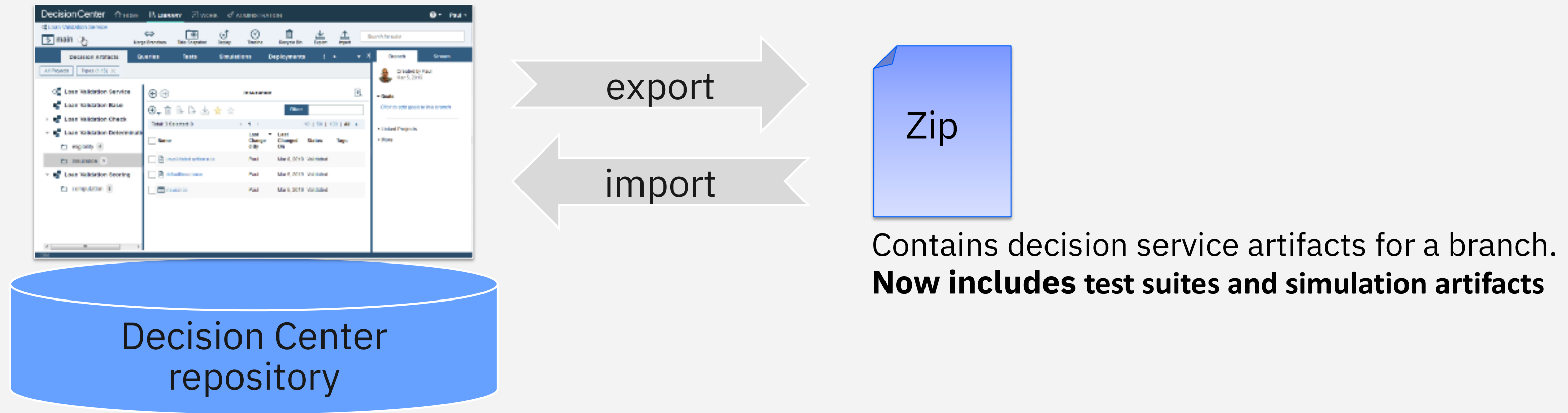
Reset

Configurable grid columns to display rule properties, in Decision Artifacts and Queries results tabs

Each user can select the properties to be displayed

New in 8.10.1

Testing and simulation

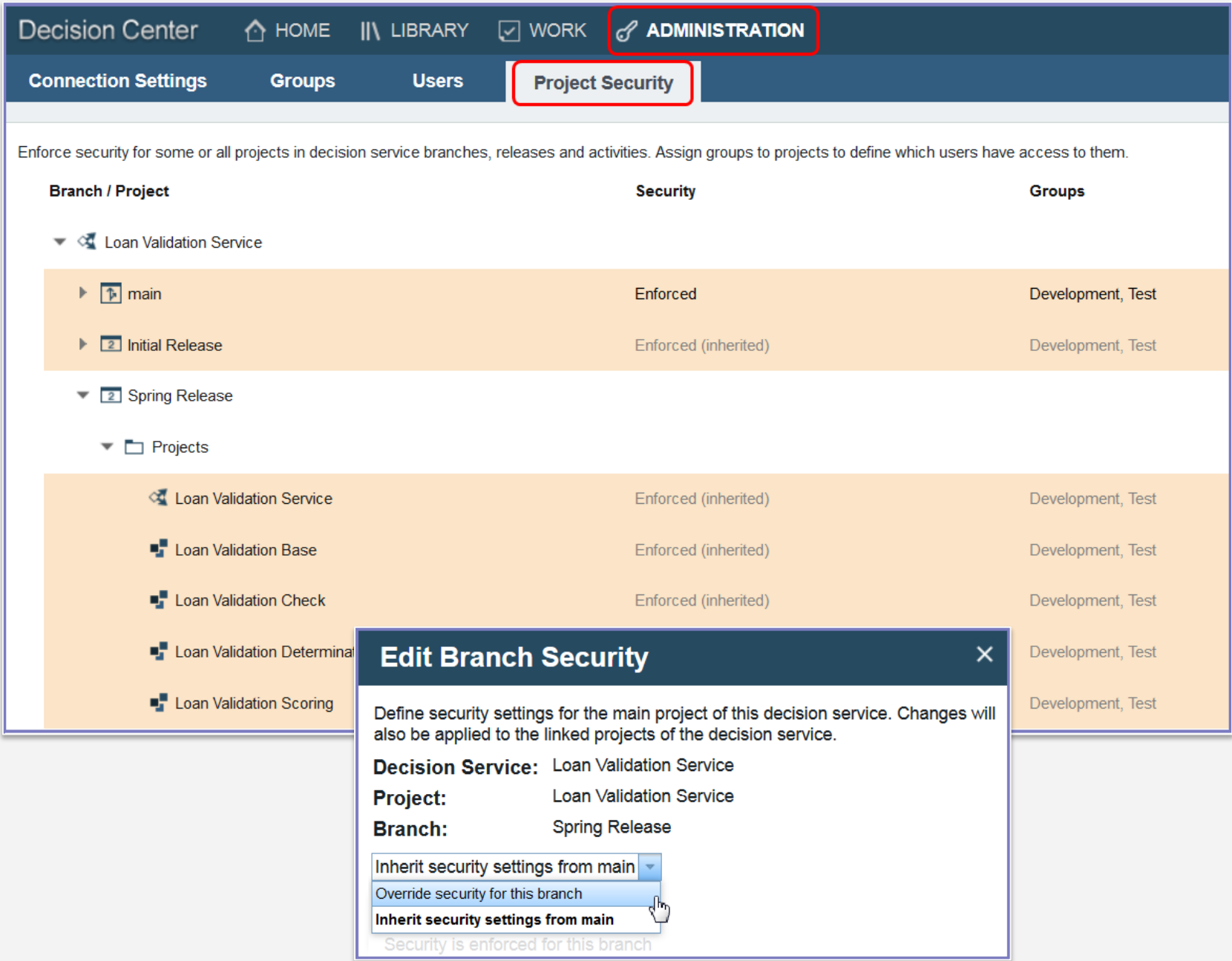


Benefits:

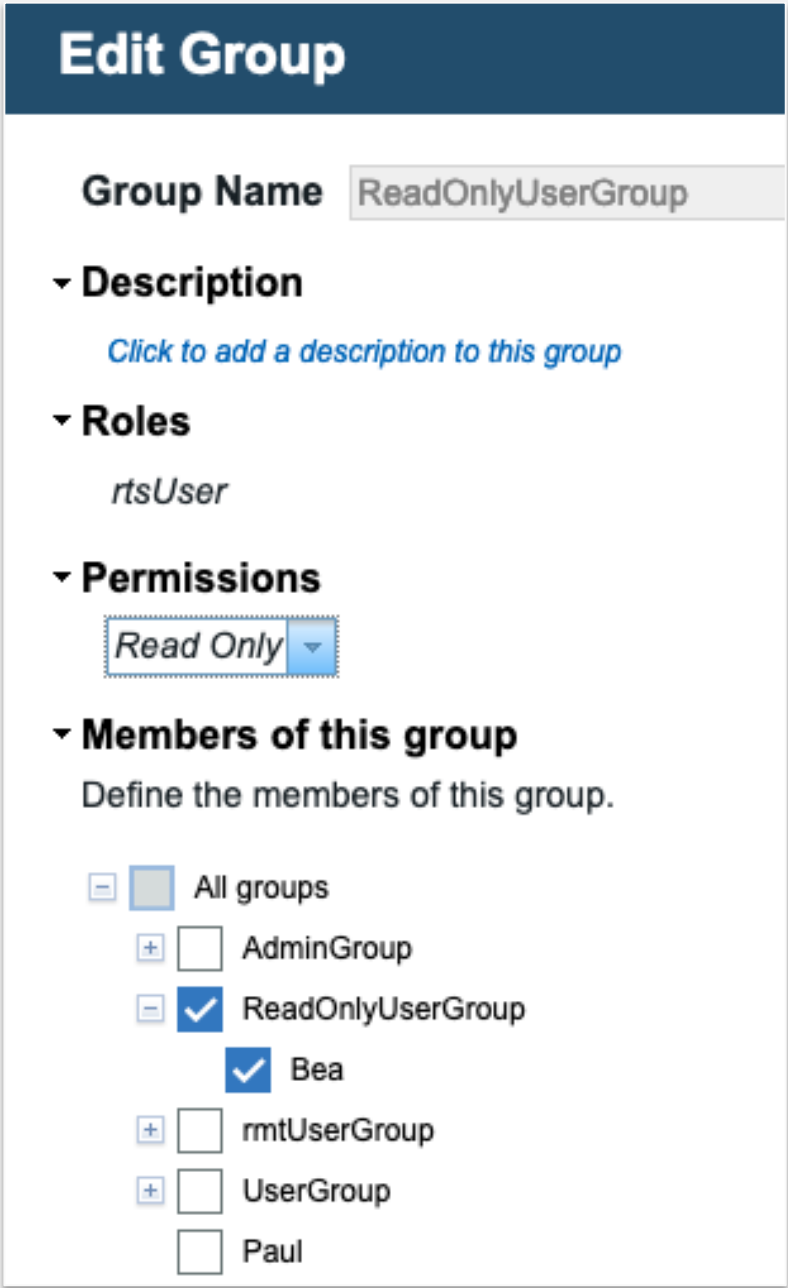
Ensure that all artifacts created in Decision Center can be:

- Included in file backups
- Copied from one repository to another

Control access to decision content and permissions



Select users authorized to access decision projects & branches



Configure permissions to view, edit and deploy decision content

Configure settings from the Business Console

New in 8.10.1

Setup and automation

DecisionCenter

HOME

LIBRARY

WORK

ADMINISTRATION

Connection SettingsGroupsUsersProject SecurityServersDiagnosticsSettings

Decision Center

Build

Business Console

Custom Settings

Path of the location of the cache used to store build files

Type of storage to use as a temporary buffer when generating a ruleset archive

Include debug information for Decision Engine archives

Customization

Name of the class that defines security settings and interactive behavior for Decision Center

Name of the class for changing the behavior of an extended property

Synchronization

Allow release owner to publish in their release

Allow activity owner to publish in parent release

Allow all users to publish a new decision service

Logging

Log SQL queries that last more than this number of milliseconds

Search

Enable indexing for textual search

Refresh interval (minutes)

Connection SettingsGroupsUsersProject SecurityServersDiagnosticsSettings

Decision Center

Decision Artifacts Tab

Business Console

Custom Settings

Show number of artifacts in Decision Artifacts tree (may impact performances)

Decision Tables

Default row ordering for decision tables

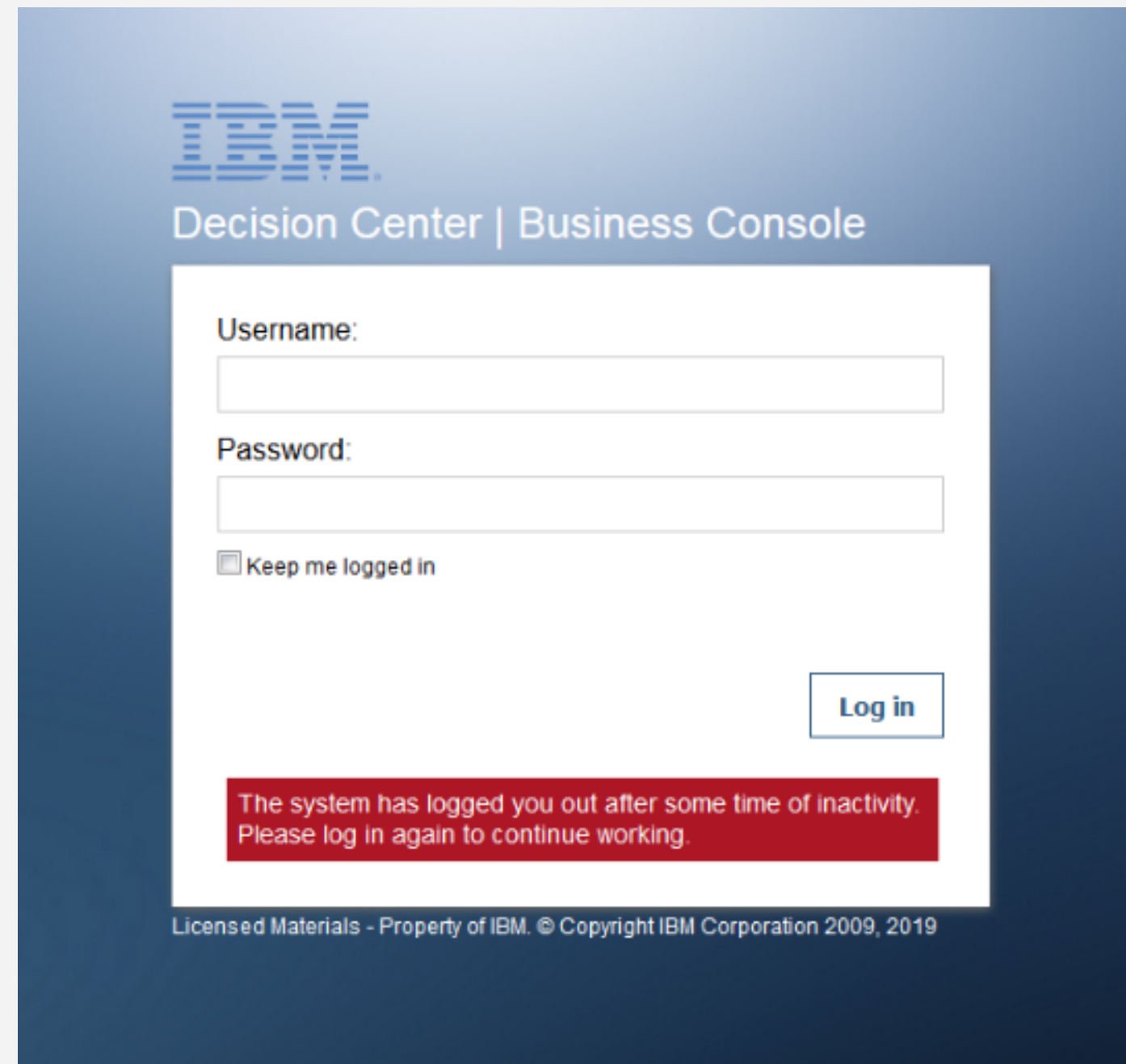
Customer Survey

Do not show customer survey

Automatic security logout from Business Console

New in 8.10.1
Security and authentication

Automatic logout after a period of inactivity:

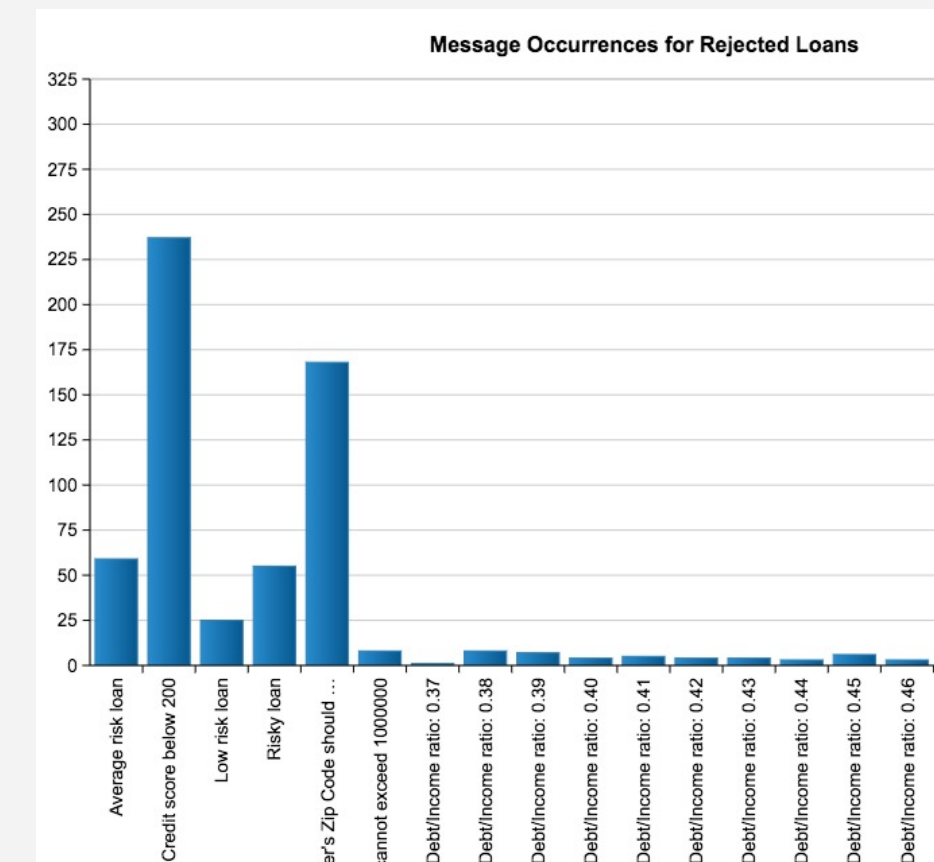


The screenshot shows the IBM Decision Center Business Console login interface. At the top, the IBM logo is displayed above the text "Decision Center | Business Console". Below this, there is a login form with fields for "Username:" and "Password:". A checkbox labeled "Keep me logged in" is positioned below the password field. A "Log in" button is located to the right of the form. A red message box at the bottom of the form states: "The system has logged you out after some time of inactivity. Please log in again to continue working." At the very bottom of the page, a small copyright notice reads: "Licensed Materials - Property of IBM. © Copyright IBM Corporation 2009, 2019".

What's new in ODM 8.10.0

Gain visibility on business outcomes with custom KPIs for decision service simulations

- Simulations in Business Console are simple to use:
 - Business language to express metrics and KPIs
 - No dev required
- Pain point: some users need more flexibility to define their KPIs
- **Solution: support for custom KPIs defined with Java**
 - With custom code handling computation and custom HTML display
 - Dynamic: no Decision Center repackaging needed
 - It addresses the gap with deprecated DVS simulations



View how a test scenario was executed

- Problem solved:
 - No visibility on the complete execution sequence (tasks + rules) for a test run
- Solution: a new panel showing the execution sequence in a test report
 - Executed tasks and rules combined
 - Embedded view for each executed rule

The list of rules fired

This dialog presents the list of tasks and rules in the order they are executed.

Execution sequence

Fired rules

loanvalidation

- initResult
- validation
- computation
- eligibility
 - eligibility.grade - row 2
 - eligibility.approval
- insurance
 - insurance.unvalidated action rule
 - insurance.insurance - row 2
 - insurance.defaultInsurance

Preview eligibility.grade

	Yearly repayment		Corporate score		Grade	Message
	Min	Max	Min	Max		
1	0	10,000	≥ 900		A	Very low risk loan
2	0	10,000	600	900	A	Very low risk loan
3	0	10,000	300	600	B	Low risk loan
4	10,000	30,000	≥ 900		A	Very low risk loan
5	10,000	30,000	600	900	B	Low risk loan
6	10,000	30,000	300	600	C	Average risk loan
7	30,000	60,000	≥ 900		B	Low risk loan
8	30,000	60,000	600	900	C	Average risk loan
9	30,000	60,000	300	600	D	Risky loan

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Configure and manage Decision Center

New in 8.10.0
Setup and automation

Decision Center

HOME

LIBRARY

WORK

ADMINISTRATION

?

Paul

Connection Settings

Groups

Users

Project Security

Servers

Diagnostics

Settings

Execute diagnostics to check the state of your Decision Center instance.

Run All

Collapse All

Download results

Diagnostic	Status	Details
▶ About	✓	
▶ System	✓	
▶ Decision Model	✓	
▶ Data source	✓	
▶ Extensions	✓	
▶ Verbalizers	✓	
▶ Database	✓	
▶ Artifact Counts	✓	
▶ Projects	<div>▶</div> ✓	

IBM

- Administrators can configure:
- ✓ LDAP connections
 - ✓ Groups and users
 - ✓ Project access and permissions
 - ✓ Target runtime servers
 - ✓ Diagnostics
 - ✓ Configuration settings
 - ✓ Artifact counts

Get notified on updates within Decision Center

New in 8.10.0
Reporting and diagnostics

- Problem solved:
 - Limited visibility on what others are doing in Decision Center
 - No notification outside Decision Center
- Solution:
you can receive notifications in your favorite tools
 - Via emails, Slack, etc.
 - For common Decision Center events:
 - Changes in governed releases and activities
 - Rule updates
 - Decision service deployments
 - Sample with Slack integration

The screenshot shows a Slack channel named **#decisioncenter-events**. At the top, it indicates 5 members and 0 topics. The channel contains several messages:

- ODM Decision Center** (APP) 4:53 PM: **Ruleapp mydeployment deployed** - Status: failed. Details: Decision Service: Miniloan Service, Deployment report: [Report 2018-09-20_04-52-58-565](#), Decision Center | Paul | Sep 20, 2018 4:53:04 PM.
- Rule artifact **Test** was deleted in project 'Miniloan Service' from decision service 'Miniloan Service'. Decision Center | Paul | Sep 20, 2018 4:55:19 PM.
- Ruleapp mydeployment deployed** - Status: completed. Details: Decision Service: Miniloan Service, Deployment report: [Report 2018-09-20_04-55-31-977](#), Decision Center | Paul | Sep 20, 2018 4:55:33 PM.
- 4:56 PM **Activity July activity created (In progress)**. Details: Prepare national days. Due date: Oct 4, 2018. Approvers: Paul. Owner: Paul. Authors: Bea. Decision Center | Paul | Sep 20, 2018 4:56:40 PM.