

DEPLOYMENTS

- Very useful feature to manage a development server and a production server.
- You can deploy Reports and Tasks from the development server (Source) to the production server (Target)
- Requirements
 - Of course two servers (that is, two M&D licenses)
 - Connectivity between them
 - Both running the same M&D version



DEPLOYMENTS - REPORTS

- When a **Report** is deployed,
 - it will either be created as a new report in the target instance, or
 - if a report with the same ID or name does already exist in the target instance - update the existing report.

This ensures that the second deployment of the report will update the already deployed version of the report rather than create a new one.



DEPLOYMENTS - TASKS

- When a **Task** is deployed,
 - it will either be created as a new task in the target instance, or
 - if a task with the same ID or name does already exist in the target instance - update the existing task.

This ensures that the second deployment of the task will update the already deployed version of the task rather than create a new one.

- the **Execution Plans** are not deployed. Very likely the production server will have different Execution Plans as the development server. Please add the Execution Plans to the production server's deployed tasks and for the subsequent deployments these will not be overwritten.



DEPLOYMENTS - CONSIDERATIONS

Entity Type	Description
Workspace	Deployed reports and tasks belong to a workspace; if a workspace with the same ID or name does exist in the target instance, the deployed reports and tasks will be added to that workspace. If such a workspace cannot be found in the target instance, a new workspace with the same properties as the one on the source instance will be created in the target instance.
Datasource	If deployed reports and tasks reference a datasource in the source workspace, referenced datasources will be matched in the target repository by their name (e.g. if a report requires a datasource named <i>MyQlikSenseApp</i> in the source instance, a datasource with the same name must exist in the target instance). If such a datasource cannot be found in the target instance the deployment will fail.
User or User Group	If a report or a task references a user or user group (e.g. when using a Send E-Mail Action in a task to send an e-mail), Mail & Deploy will try to match all users and user groups in the target instance. Users are matched by their name, match code, or windows account and user groups are matched by their name. If a user or user group cannot be found in the target instance, they will be removed from the distribution list (e.g. if you send an e-mail to users <i>User1</i> , <i>User2</i> , and <i>User3</i> and <i>User2</i> cannot be found in the target instance, the e-mail will only be sent to <i>User1</i> and <i>User3</i>).
E-Mail Server	If a task references an e-mail server (e.g. when using a Send E-Mail Action), Mail & Deploy tries to find an e-mail server with the same name in the target instance. If such an e-mail server cannot be found, the e-mail server of the source instance will be transferred to the target instance; if an e-mail server already exists in the target instance, it will not be updated with the version from the source instance.
Global Variables	If deployed reports or tasks use a global variable and a global variable with that name does not exist in the target instance, it will be created. Otherwise, it will not be deployed (i.e. the value of the already existing global variable in the target instance will not change).

DEPLOYMENTS - SETTINGS

- Add and activate the Target server in the Deployment section of the **CONFIGURATION** Settings

The screenshot displays the 'Settings' page in the 'Root Admin Workshop' interface. The left sidebar contains a navigation menu with the following sections:

- GENERAL CONTENT**
 - Users
 - User Groups
 - Variables
 - Modules
 - Workspaces
- WORKSPACE CONTENT**
 - Datasources
 - Reports
 - Tasks
 - Alerts
 - Subscriptions
 - Value Tables
 - Deployments
 - Authorizations
- TOOLS**
 - Execution Status
 - Execution Calendar
- CONFIGURATION**
 - Settings
 - Preferences
- HELP**
 - Documentation

The main content area is titled 'Settings' and features a tab for 'OVERVIEW'. A 'Deployment Configuration' modal is open, showing the 'GENERAL' tab with the following fields:

- Is Active**: ☒
- PROTOCOL**: HTTP
- HOST**: mailanddeploy
- PORT**: 14999

The modal also displays icons for various settings: LICENSE, SERVER, DATA EXCHANGE, CALENDAR, E-MAIL SERVERS, BACKUP, and DEPLOYMENT.

DEPLOYMENTS

In the Deployment section of the **WORKSPACE CONTENT**

- Add the Name and Description
- Add the Items to include in the Deployment
- Press OK

The screenshot shows a 'New Deployment' dialog box with a sidebar menu on the left. The sidebar menu includes sections for 'GENERAL CONTENT' (Users, User Groups, Variables, Modules, Workspaces), 'WORKSPACE CONTENT' (Datasources, Reports, Tasks, Alerts, Subscriptions, Value Tables), 'Deployments' (Authorizations), 'TOOLS' (Execution Status, Execution Calendar), 'CONFIGURATION' (Settings, Preferences), and 'HELP' (Documentation). The 'New Deployment' dialog has a 'GENERAL' tab with fields for 'NAME' (D001 Report) and 'DESCRIPTION' (Deployment for Report). Below these fields is a section for 'Deployed Item(s)' showing 'Microsoft Excel Report: 01 Report'. At the bottom of the dialog is a yellow 'CREATE DEPLOYMENT' button. A 'Browse Items' dialog is open in the foreground, showing a list of items with 'Report Task' selected. An 'OK' label with an arrow points to a green checkmark button in the top right corner of the 'New Deployment' dialog.

Root Admin Workshop

GENERAL CONTENT

- Users
- User Groups
- Variables
- Modules
- Workspaces

WORKSPACE CONTENT

- Datasources
- Reports
- Tasks
- Alerts
- Subscriptions
- Value Tables

Deployments

- Authorizations

TOOLS

- Execution Status
- Execution Calendar

CONFIGURATION

- Settings
- Preferences

HELP

- Documentation

Version 3.1.0

New Deployment

GENERAL

NAME: D001 Report

DESCRIPTION: Deployment for Report

Deployed Item(s): Microsoft Excel Report: 01 Report

ADD ITEM

CREATE DEPLOYMENT

Browse Items

BROWSE

FILTER


Report Task

OK

DEPLOYMENTS - RESULT

- The result of the Deployment can be accessed using the highlighted icon

Outgoing Deployments

Name	Target	Deployment Date ▾	Result	
D001 Report	mailanddeploy	21.10.2021 13:29	✓	

NAME

D001 Report

DESCRIPTION

Deployment for Report

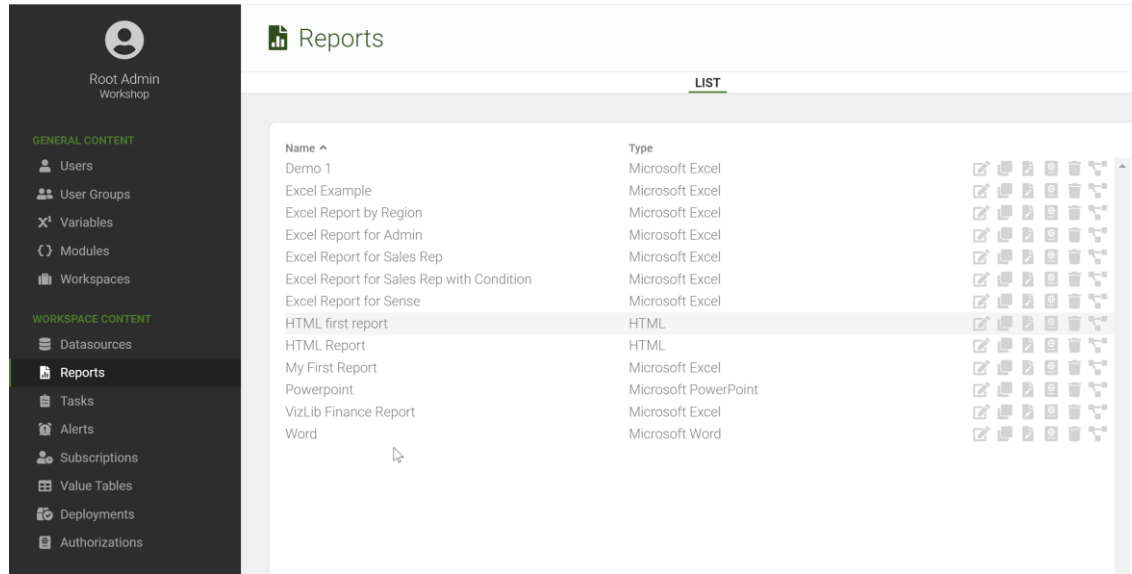
DEPLOYED ENTITIES

- *Microsoft Excel Report: 01 Report* (deployed to *Microsoft Excel Report: 01 Report*)



Mail & Deploy

DEPLOYMENTS – DEPLOYED REPORT



Root Admin Workshop

GENERAL CONTENT

- Users
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- Variables
- Modules
- Workspaces

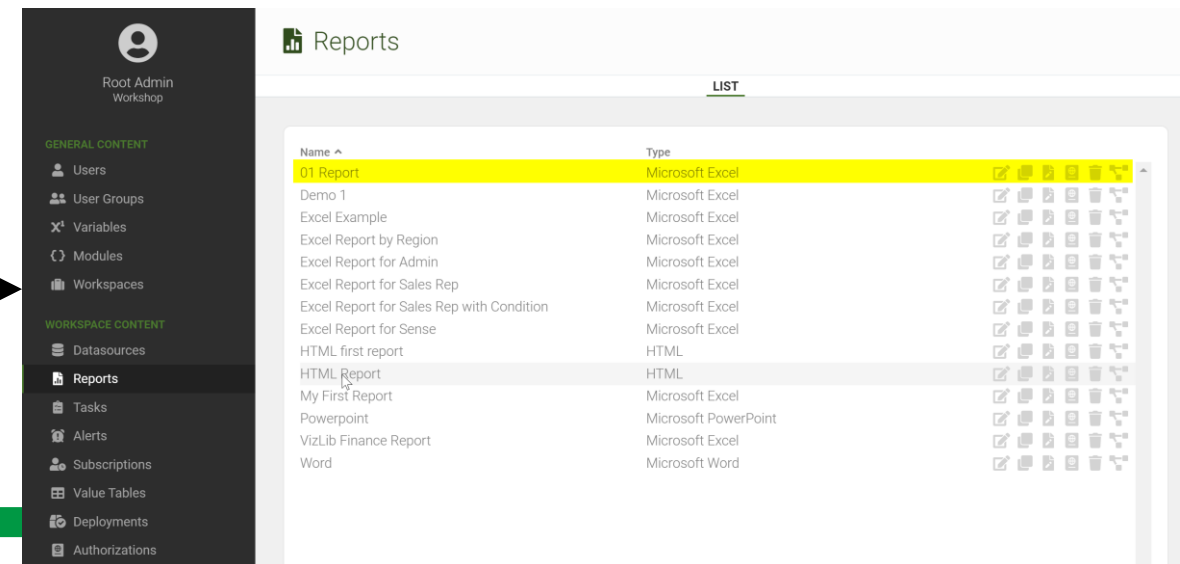
WORKSPACE CONTENT

- Datasources
- Reports**
- Tasks
- Alerts
- Subscriptions
- Value Tables
- Deployments
- Authorizations

Reports

LIST

Name ^	Type
Demo 1	Microsoft Excel
Excel Example	Microsoft Excel
Excel Report by Region	Microsoft Excel
Excel Report for Admin	Microsoft Excel
Excel Report for Sales Rep	Microsoft Excel
Excel Report for Sales Rep with Condition	Microsoft Excel
Excel Report for Sense	Microsoft Excel
HTML first report	HTML
HTML Report	HTML
My First Report	Microsoft Excel
Powerpoint	Microsoft PowerPoint
VizLib Finance Report	Microsoft Excel
Word	Microsoft Word



Root Admin Workshop

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Reports

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Excel Report for Sales Rep with Condition	Microsoft Excel
Excel Report for Sense	Microsoft Excel
HTML first report	HTML
HTML Report	HTML
My First Report	Microsoft Excel
Powerpoint	Microsoft PowerPoint
VizLib Finance Report	Microsoft Excel
Word	Microsoft Word