



Add-On Products

Resource Central



Add-On Products

Digital Sign Service

Resource Central & Digital Sign Service Integration Guide

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CHAPTER 1. Overview

The Resource Central & Digital Sign Service Integration Guide is intended for IT administrators and describes how to set up an integration between Digital Sign Service and Resource Central. Most of the settings will be done on Digital Sign Service Manager.

The synchronization in the integration could be done manually and automatically:

- **Manual synchronization:** This method synchronizes all elements (reservation, resource, resource type, category, and location) fully.
- **Auto synchronization:** Whenever Digital Sign Service takes actions to the meetings or Resource Central have modifications related to the configuration of resource, resource type, category, and location, the synchronization process would check the available and recurring allowing resources, as well as obtain several configurations of category and resource. Moreover, it also checks bookable permission.

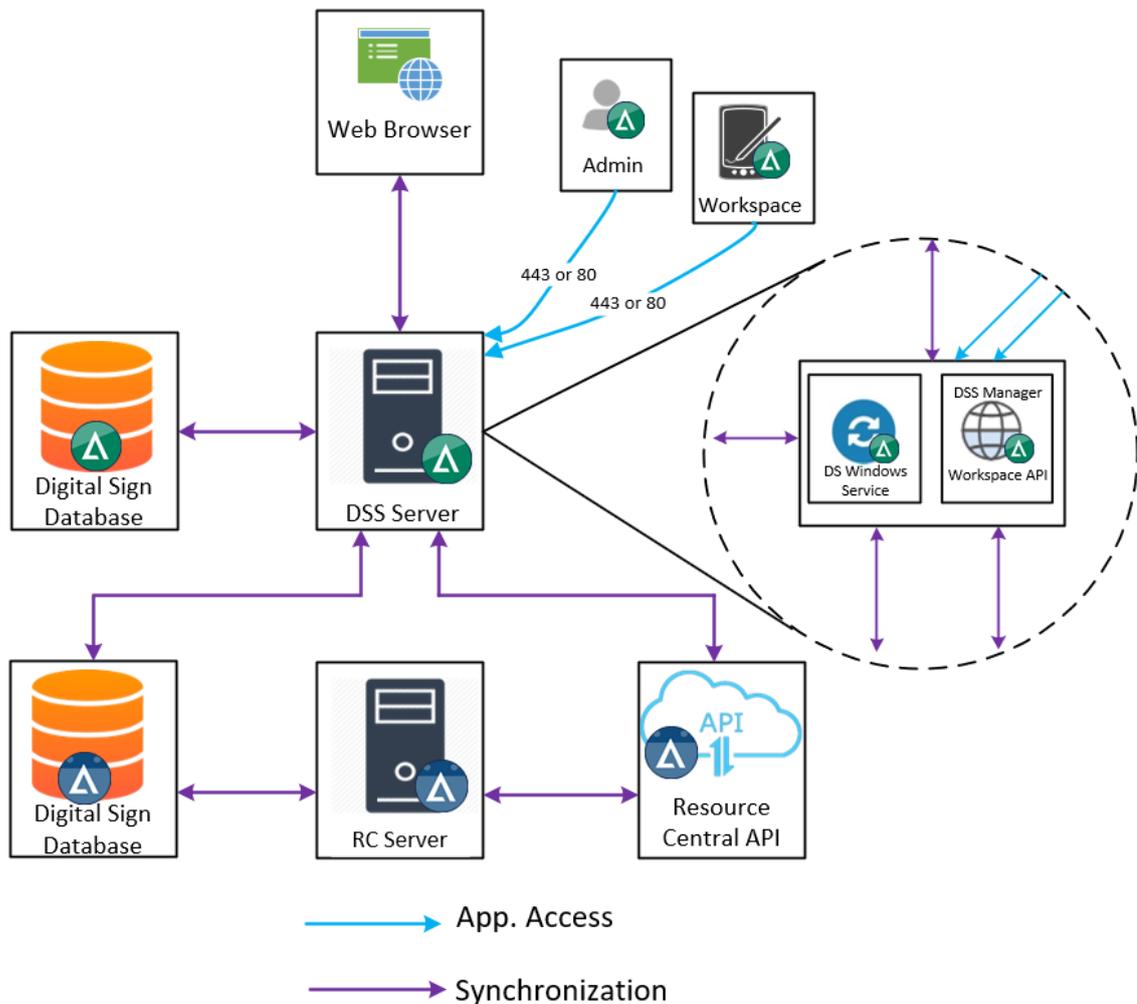


Figure 1. Manual Synchronization

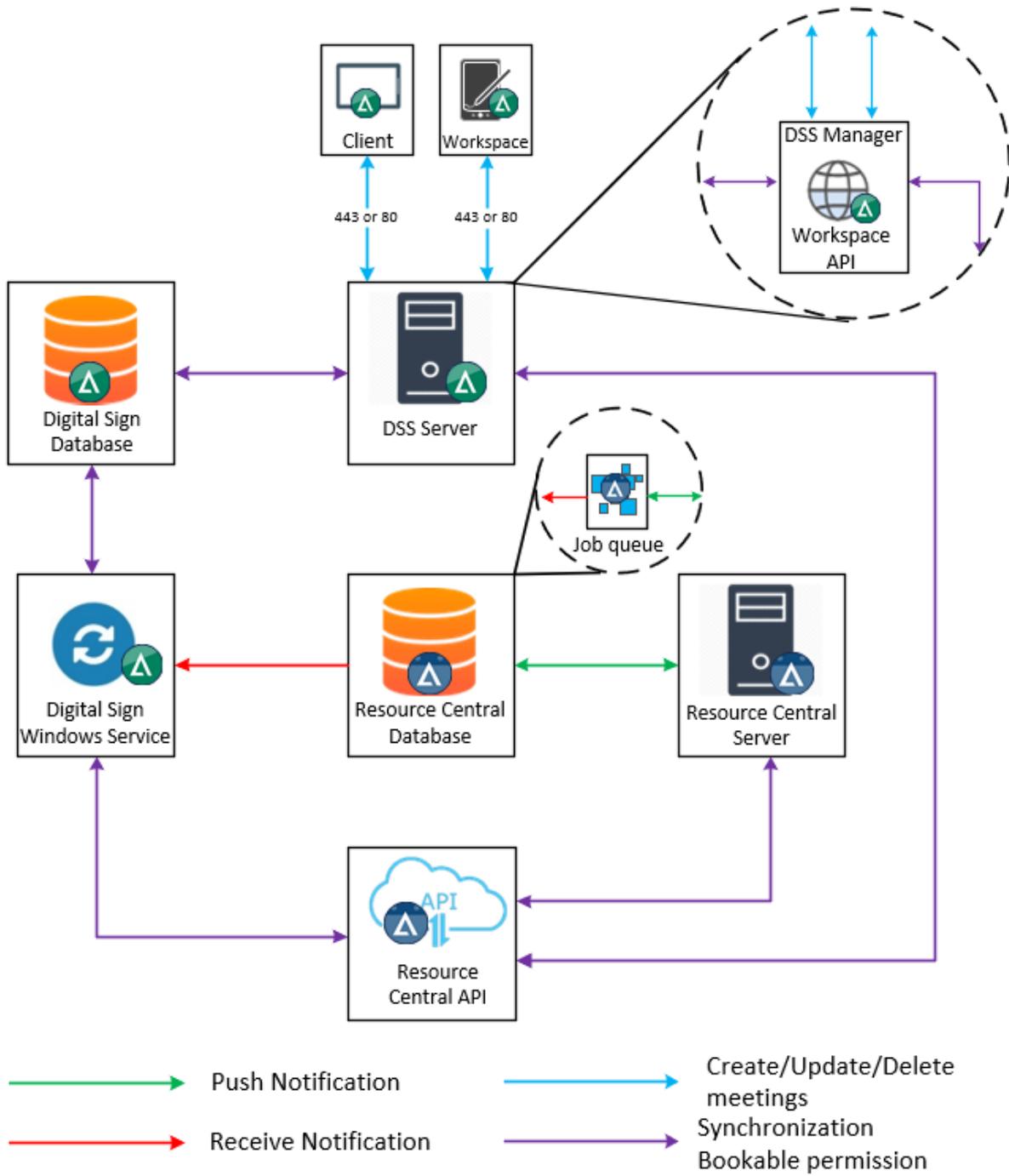


Figure 2. Auto Synchronization



CHAPTER 2.

Settings on Digital Sign Service

Enter Exchange online details

In Digital Sign Service Manager, go to **System** → **Connections**:

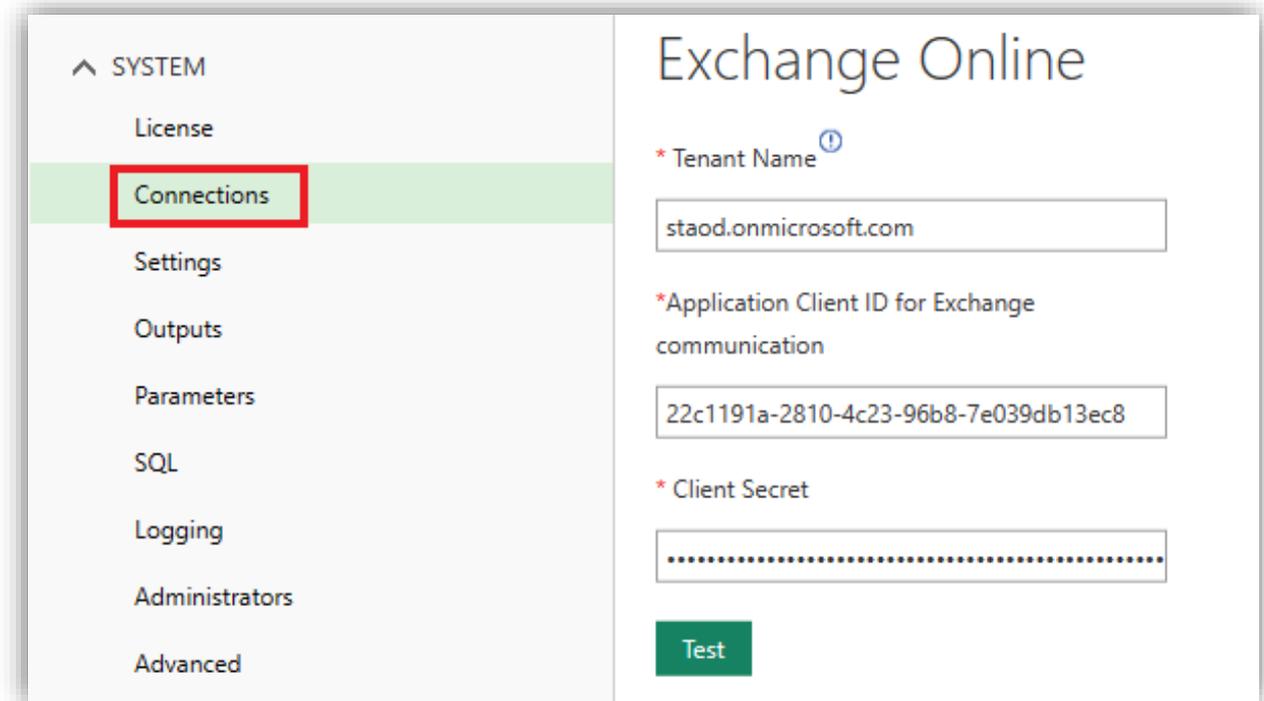


Figure 3. Exchange Online Setup

These details can be obtained by creating app in Azure portal. Please refer to **KB 0262** for more details.

Set up Resource Central connection

Still in **System/Connections**, scroll down to **Resource Central Integration**:

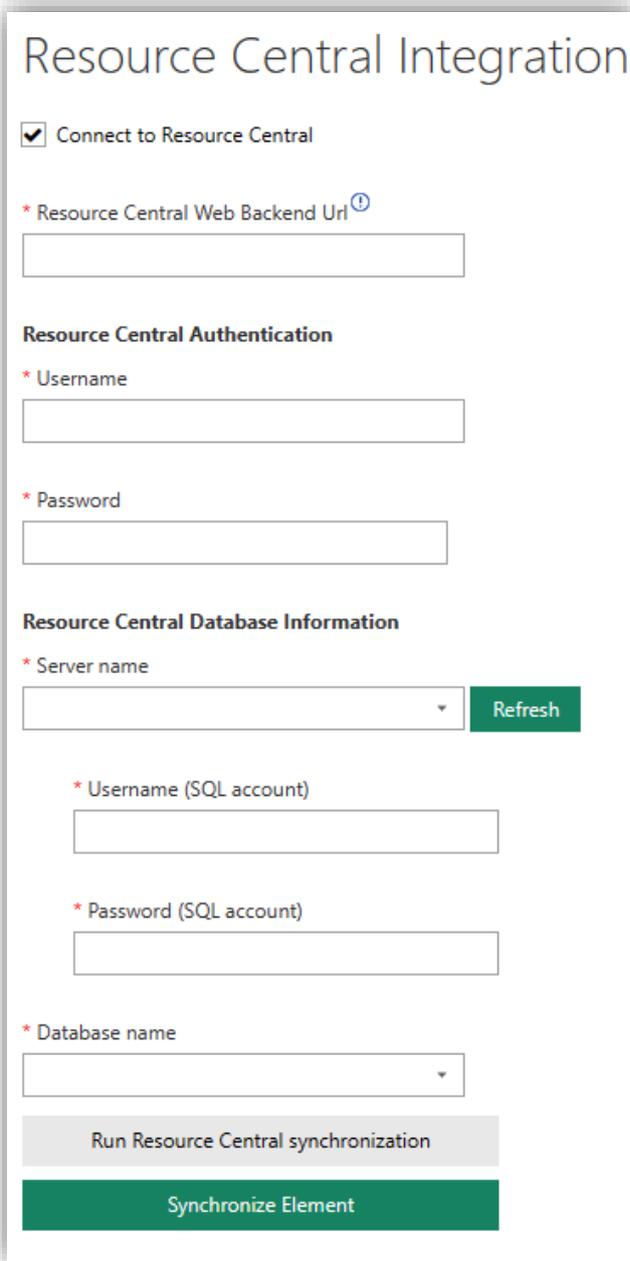


Figure 4. Resource Central Connection

In this section, you need to fill in the **URL of Resource Central backend**.

For example, if the URL to Resource Central backend is: <https://rc.addoncompany.com/ResourceCentral>, then the URL that should be input here is: <https://rc.add-on-company.com>.

For **Resource Central Authentication**, fill in the credentials (Username & Password of any person created in Resource Central) of Resource Central's authentication API (to integrate with Digital Sign Service).

In **Resource Central Database Information**, the database details in SQL Server must be provided.

After filling in all necessary information, click **[Test]** to check if the connection with Resource Central is established.

Then click **[Run Resource Central synchronization]** button to retrieve all necessary data from Resource Central.

Clicking **[Run Resource Central synchronization]** will pop up a confirmation message as follows:

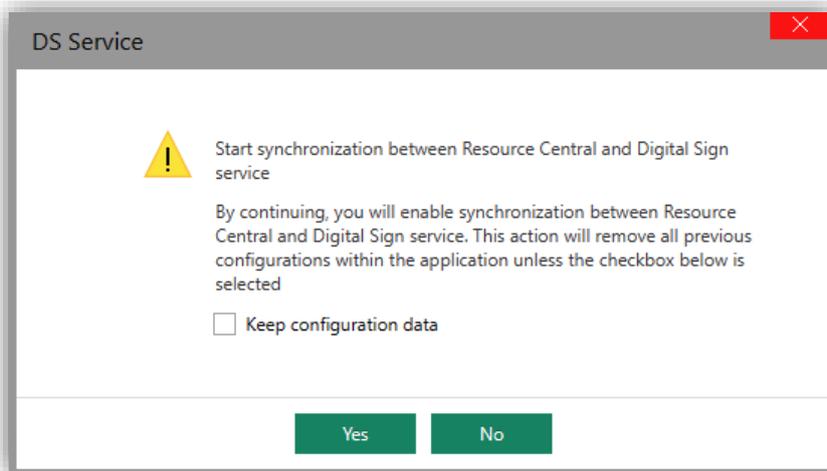


Figure 5. Synchronization confirmation

If you check on the **[Keep configuration data]** box and click **[Yes]**, the synchronization between RC and DSS will be enabled, but will not overwrite old configurations on DSS, and vice versa. You can select a specific element to synchronize from RC by clicking **[Synchronization Element]**. From the pop-up dialog, you can select any element to sync:

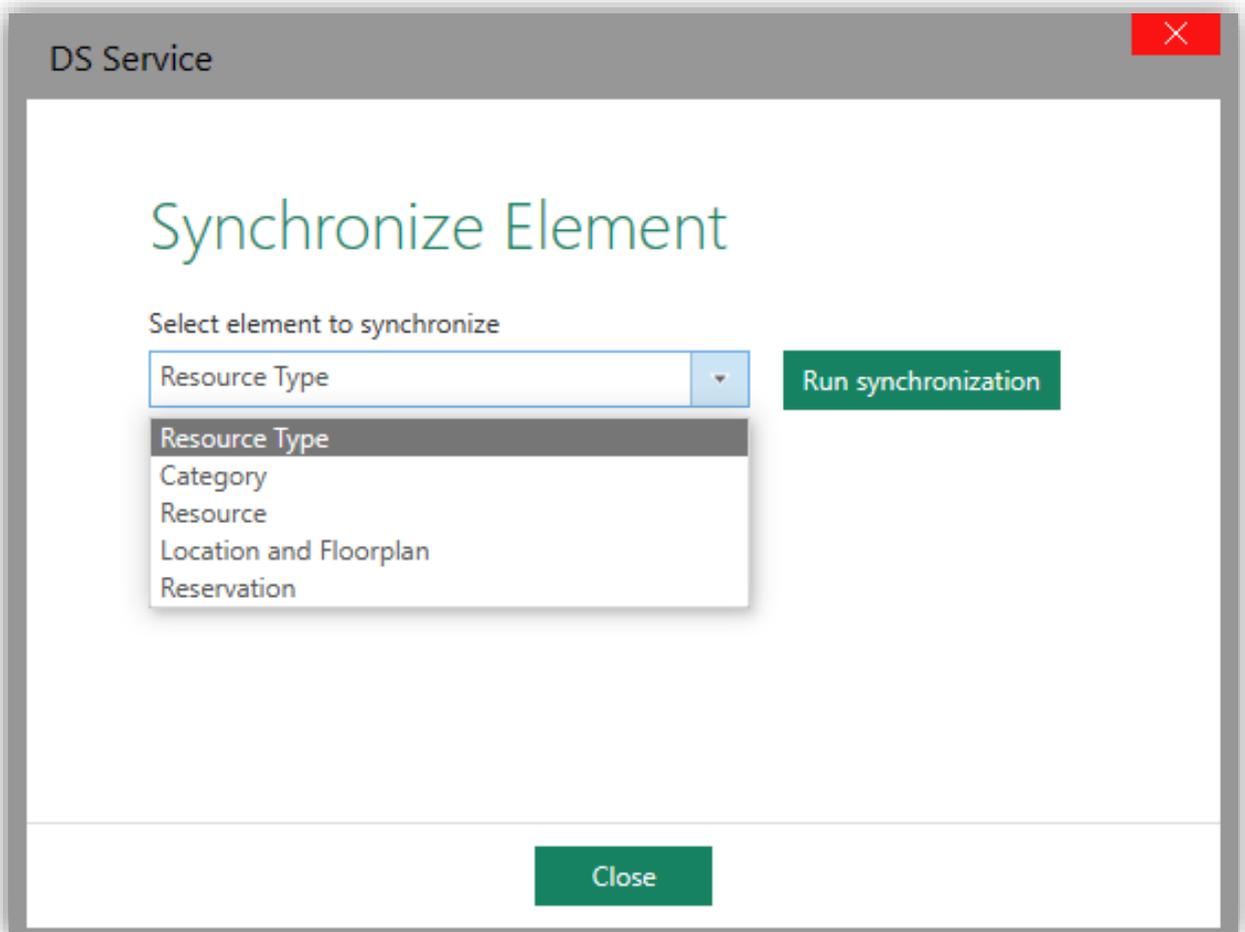


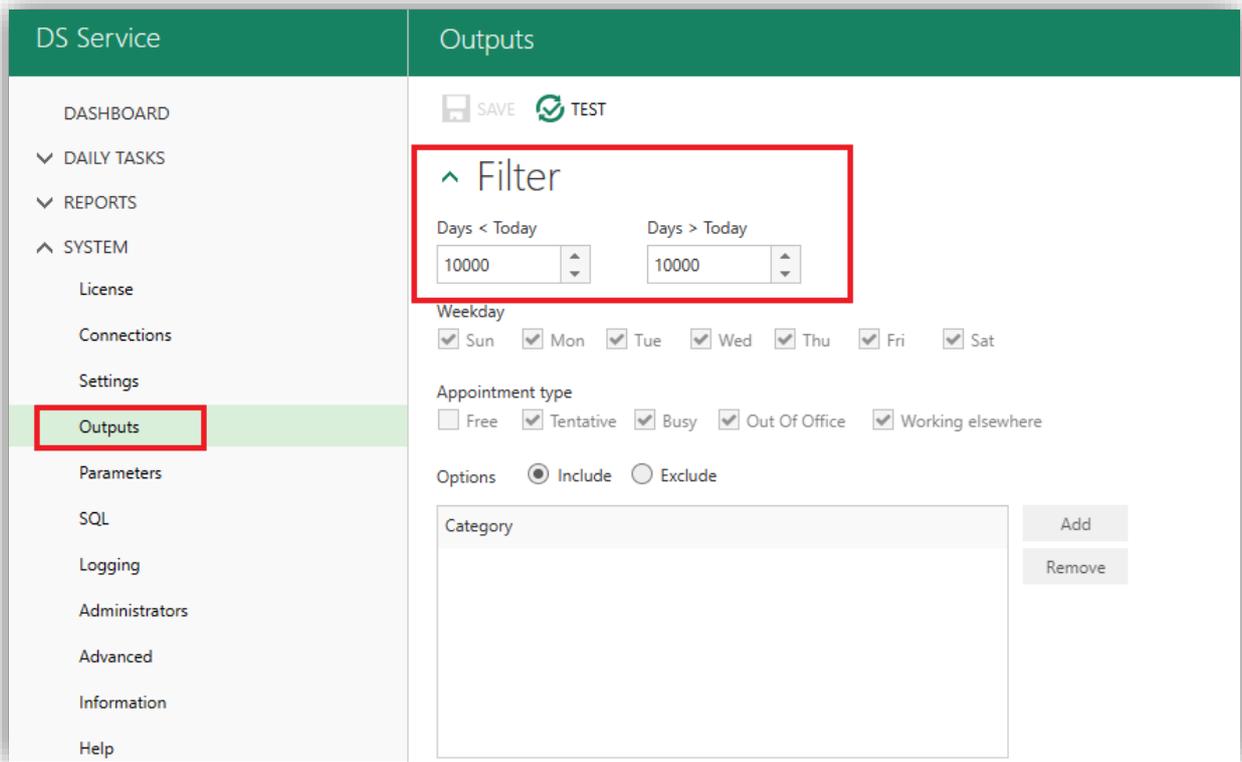
Figure 6. Select element to sync

CHAPTER 3.

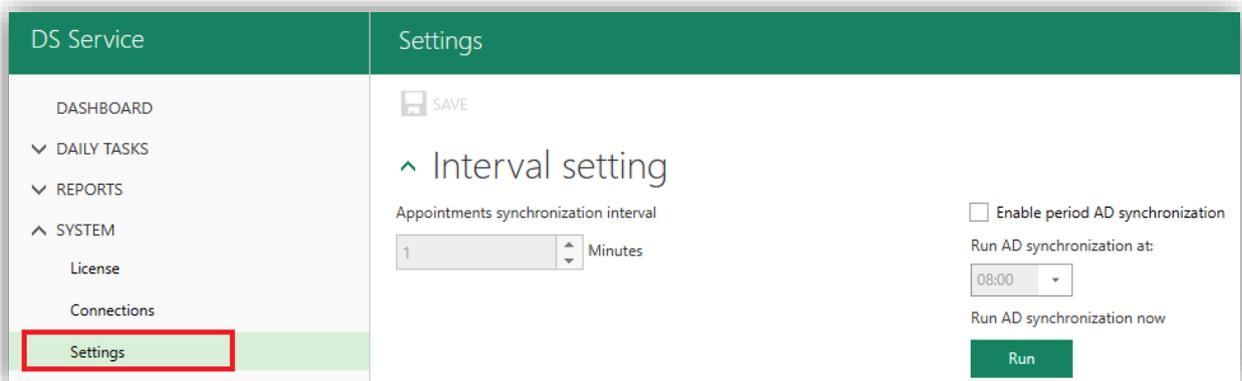
Changes in Digital Sign Service after integration

After the integration, some parts in Digital Sign Service are disabled or for view only. Look at the following for more details:

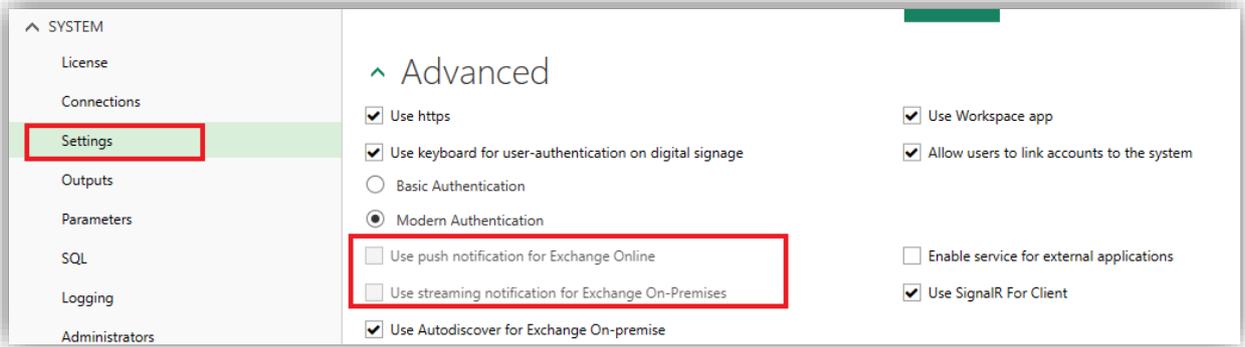
Filter section in Outputs is disabled (except for Days filter)



Interval setting section is disabled



Options of push notification are disabled



Categories is for view only

Icon	Name	Used	Sort order	Created Date
<input type="checkbox"/>	TEST	✓	0	Sep 12, 2023 09:04:31
<input type="checkbox"/>	Conference Room	✓	1	Sep 12, 2023 09:04:31
<input type="checkbox"/>	Conference Room \ WebEx equipped Rooms	✓	1	Sep 12, 2023 09:04:31
<input type="checkbox"/>	Board Room	✓	2	Sep 12, 2023 09:04:31
<input type="checkbox"/>	IT Class Room	✓	3	Sep 12, 2023 09:04:31
<input type="checkbox"/>	Cars	✓	4	Sep 12, 2023 09:04:31
<input type="checkbox"/>	Video Conferencing	✓	5	Sep 12, 2023 09:04:31
<input type="checkbox"/>	Video Conferencing \ Telepresence	✓	1	Sep 12, 2023 09:04:31
<input type="checkbox"/>	Video Conferencing \ High Definition VTC	✓	2	Sep 12, 2023 09:04:31
<input type="checkbox"/>	Executive	✓	6	Sep 12, 2023 09:04:31
<input type="checkbox"/>	Hot Desks	✓	7	Sep 12, 2023 09:04:31
<input type="checkbox"/>	Rooms with Whiteboard	✓	8	Sep 12, 2023 09:04:31
<input type="checkbox"/>	Laptops	✓	9	Sep 12, 2023 09:04:31
<input type="checkbox"/>	Projectors	✓	10	Sep 12, 2023 09:04:31
<input type="checkbox"/>	Rooms with Projectors	✓	11	Sep 12, 2023 09:04:31
<input type="checkbox"/>	Rooms with Conference Call Phone	✓	12	Sep 12, 2023 09:04:31
<input type="checkbox"/>	Events	✓	13	Sep 12, 2023 09:04:31
<input type="checkbox"/>	Training Room	✓	14	Sep 12, 2023 09:04:31
<input type="checkbox"/>	Capacity	✓	15	Sep 12, 2023 09:04:31
<input type="checkbox"/>	Capacity \ 1	✓	0	Sep 12, 2023 09:04:31
<input type="checkbox"/>	Capacity \ 2-9	✓	1	Sep 12, 2023 09:04:31
<input type="checkbox"/>	Capacity \ 10-14	✓	2	Sep 12, 2023 09:04:31

In 'Resource' under CONFIGURATION section, Data fields on RC side (i.e., fields that can be synchronized from RC) in resource's details are grayed out and non-editable (resource types, categories, description, buffer times, capacity, ...):

The screenshot displays the configuration page for Digital Sign Service within the Resource Central application. The left sidebar contains a navigation menu with categories: DASHBOARD, DAILY TASKS, REPORTS, SYSTEM, CONFIGURATION, and LOCATION. The CONFIGURATION section is expanded, and the 'Resources' option is highlighted with a red rectangle. The main content area is divided into three sections: Common Features, Digital Sign Client Features, and Workspace Booking Features.

Common Features

- Default Subject:** Instant Meeting (with Add and Remove buttons)
- Categories:** A list containing BLACK, GREEN, PINK, and RED (with Add and Remove buttons)
- Open Start Time:** 20:00 (dropdown)
- Open End Time:** 22:00 (dropdown)
- Description:** A text input field.
- Confirm Reservation:** Radio buttons for Yes (selected) and No.
- Confirm time before/after planned start time:** A spinner control set to 15 minutes.
- Make Resource Invisible:** Radio buttons for Yes and No (selected).

Digital Sign Client Features

- Language encode:** UTF-8 (dropdown)
- Password:** A text input field with a Show button.
- Incident Types:** A list containing Adapter is Missing or Malfunctioning, Audio Problems, Cleaning Needed, Furniture is Broken or Uncomfortable, and Heating or Cooling is Malfunctioning (with Add and Remove buttons).
- Background:** A text input field with an Add button and a Remove button.
- Incident Receiver's e-mail:** A text input field.

Workspace Booking Features

- Pre buffer time:** A spinner control set to 0 minutes.
- Post buffer time:** A spinner control set to 0 minutes.
- Capacity:** A text input field set to 0.
- Notification of Closing Date:** A text input field with a calendar icon.