

Settings in the protection center – set up a notification alert

Steps

Configure a activity alert in the the **protection office**

(<https://protection.office.com/managealerts>)

Picture

[Home](#) > Manage alerts

Activity alerts

! We are working on a better experience for you to manage alerts

[+ New alert policy](#)

Name

Power BI Trial 60 Tage

Power BI Bericht erstellen

Power BI 60 Trial

Power BI Free Trial

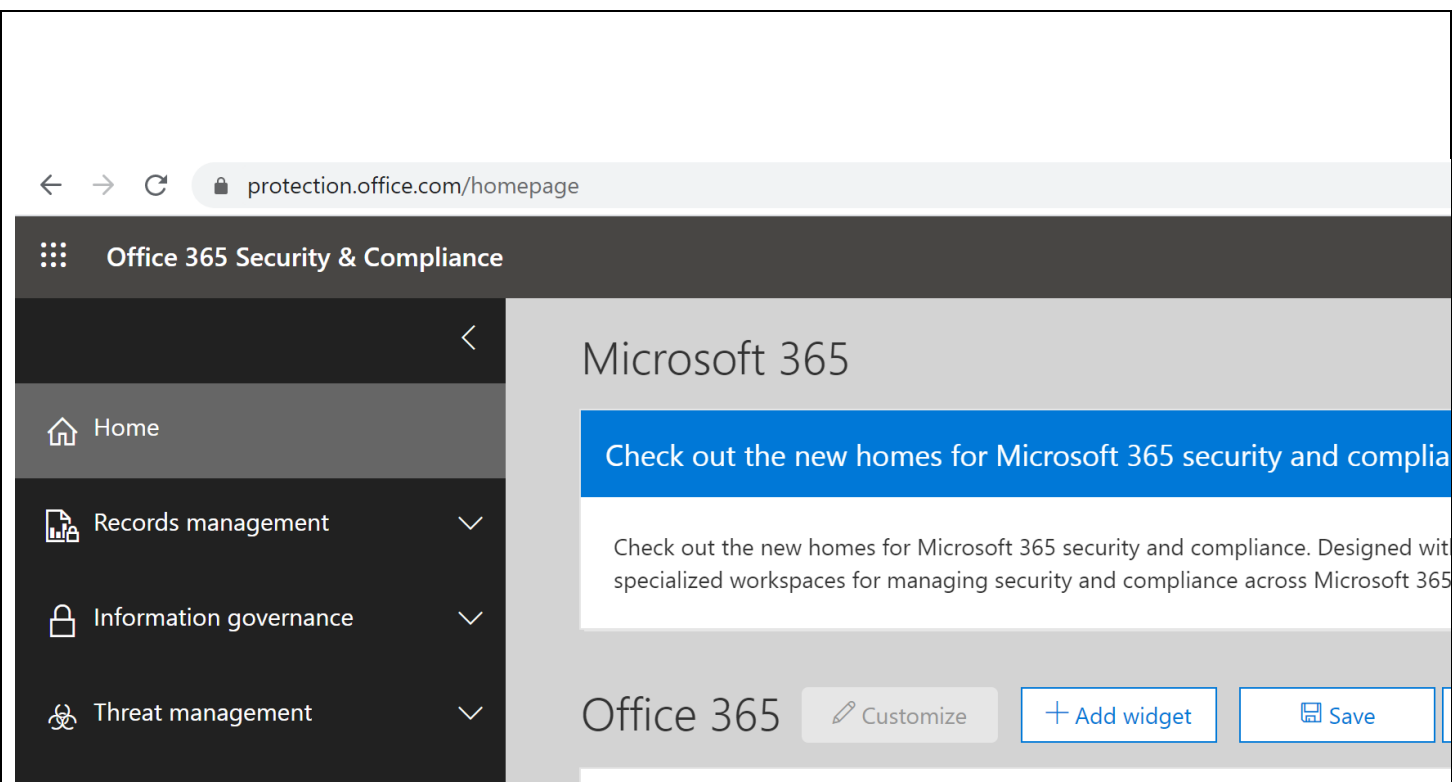
Publish to Web Notification

Tenant Settings

Publish to Web

Power BI Dashboard gelöscht

Use the link above to navigate to the “manage alert” section. In the english version of the protection office I can’t find a way to use a widget to navigate from home tab.



Next we define a new notification alert

New alert policy

Name *

Publish to Web Notification

Description

Alert type

Custom

Send this alert when... *

Activities *

Choose activities for alert

Clear all

Power BI

Edited Power BI dashboard

Deleted Power BI dashboard

Shared Power BI dashboard

Printed Power BI dashboard

Copied Power BI dashboard

Viewed Power BI tile

Exported Power BI tile data

Viewed Power BI report

Deleted Power BI report

Printed Power BI report page

Downloaded Power BI report

Published Power BI report to web


Exported Power BI report visual data

Created Power BI report

Name *:


Description

Alert type

Send this alert when... * 

Activities *:

Users:

Send this alert to... * 

Recipients *:

Attention: It can take up to two hours until the alarm mail arrives in the mailbox.

Settings in Power Automate – automate the notification alert from the protection center

Steps

First of all you need an email which you can use as a template to extract the email address from the mail and other informations you may be need.

In this template you can see that the email is between the elements **User** and **Item**. This information is important to use it in the second step in Power Automate.

Picture

Notification for the alert 'Publish to Web Notification'



Kathrin Borchert <kbo@kborchert.onmicrosoft.com>

To Kathrin Borchert



This message was sent with Low importance.

Click here to download pictures. To help protect your privacy, Outlook prevented automatic download of some pictures in this message.

We detected activity related to one of your alerts

You're getting this message because there's activity in your Office 365 organization that matches the alert 'Publish to Web Notification'.

Activity: PublishToWebReport

User: Martina@kborchert.onmicrosoft.com

Item: Demo Report 2

Client IP address: 77.20.252.192

Time of activity (UTC): 26/06/2020 15:10:51

What's Next?

- [Search the audit log for this user](#)
- [Search the audit log for this item](#)
- [Search the audit log for this activity](#)

NOTE: There might be more activity related to this alert since you received this email. Search the audit log to see if there is more activity.

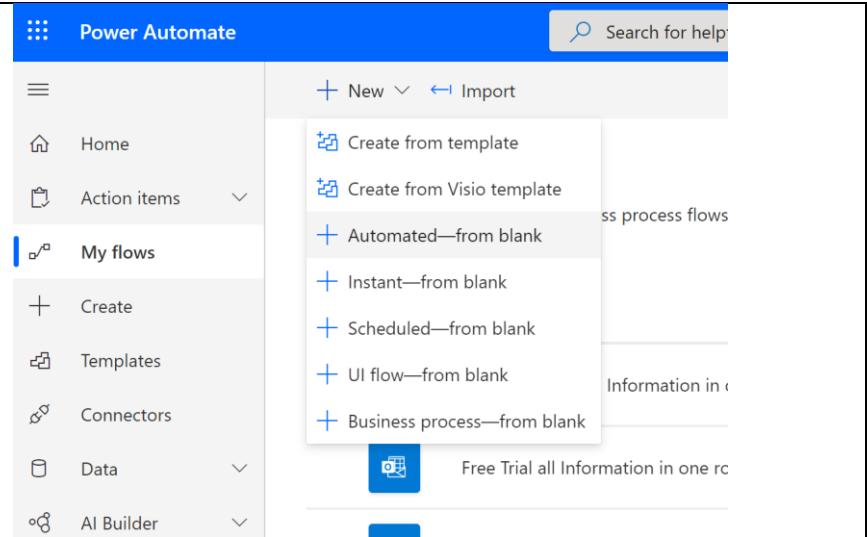
Need help searching the audit log? Check out [Search the audit log in the Security & Compliance Center](#)

Thanks,
The Office 365 team

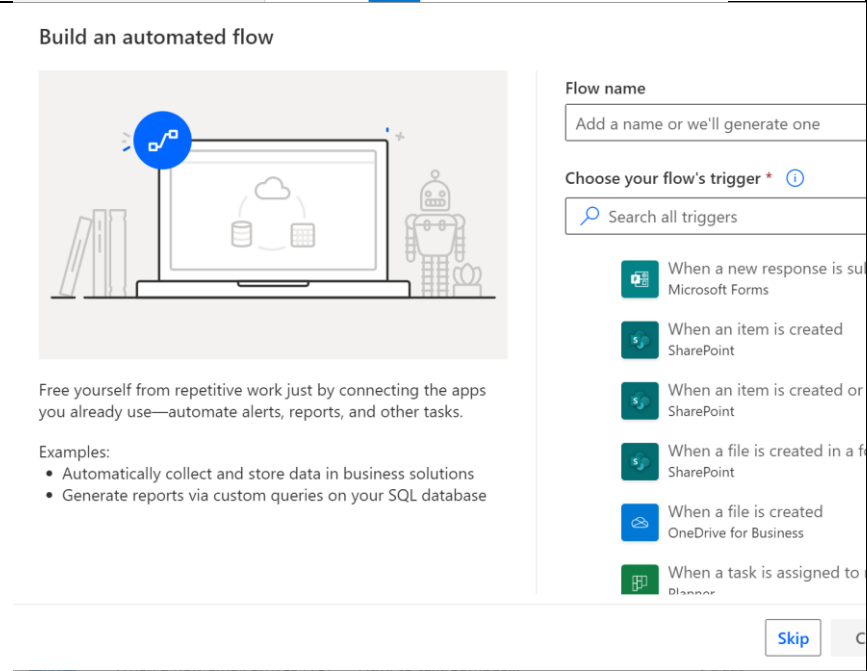
Now we open Power Automate (<https://emea.flow.microsoft.com>) and create a flow as follows

My flows -> New -> Automated – from blank

Attention: You can also use the Power Automate template in the blog post!



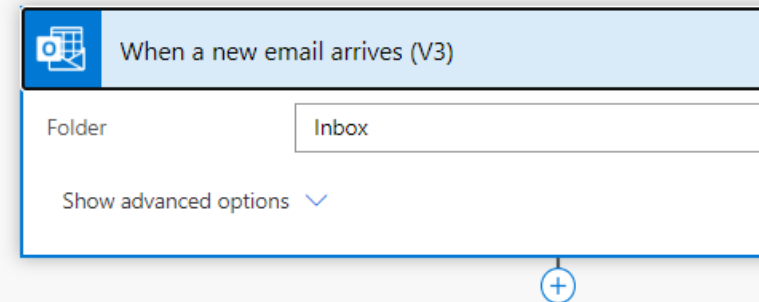
Skip this window



Now we create a new **flow**:


First we select as **trigger** -> **When a new email arrives (V3)**


And in the **Subject Filter** section, enter the term we want to filter in the email to select the right mails. In our case we choose the header from the Activity Alert from the Protection Office "**Power BI Report**"

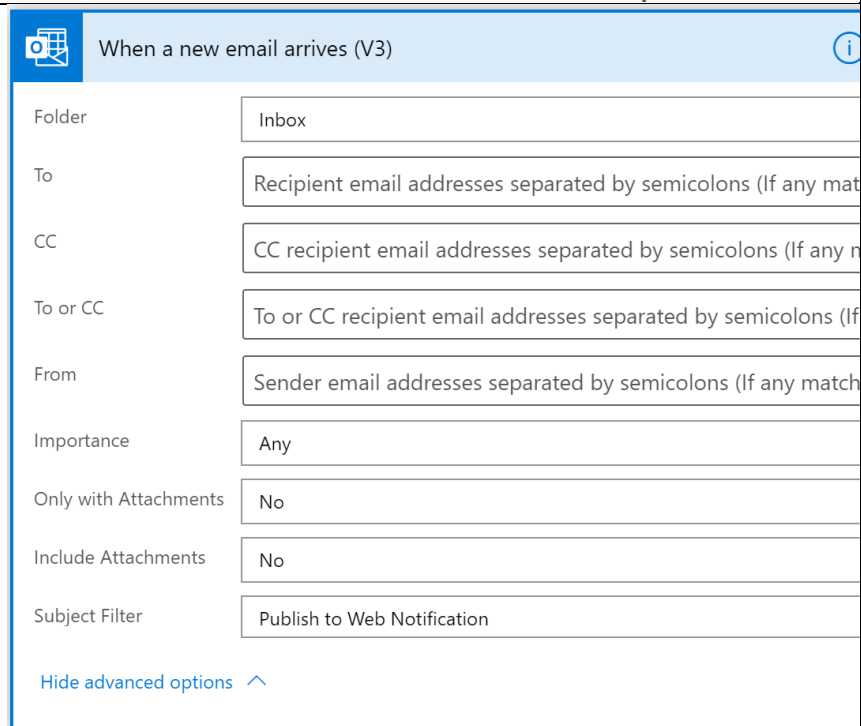



When a new email arrives (V3)

Folder

Show advanced options 





When a new email arrives (V3) 

Folder

To

CC

To or CC


From

Importance

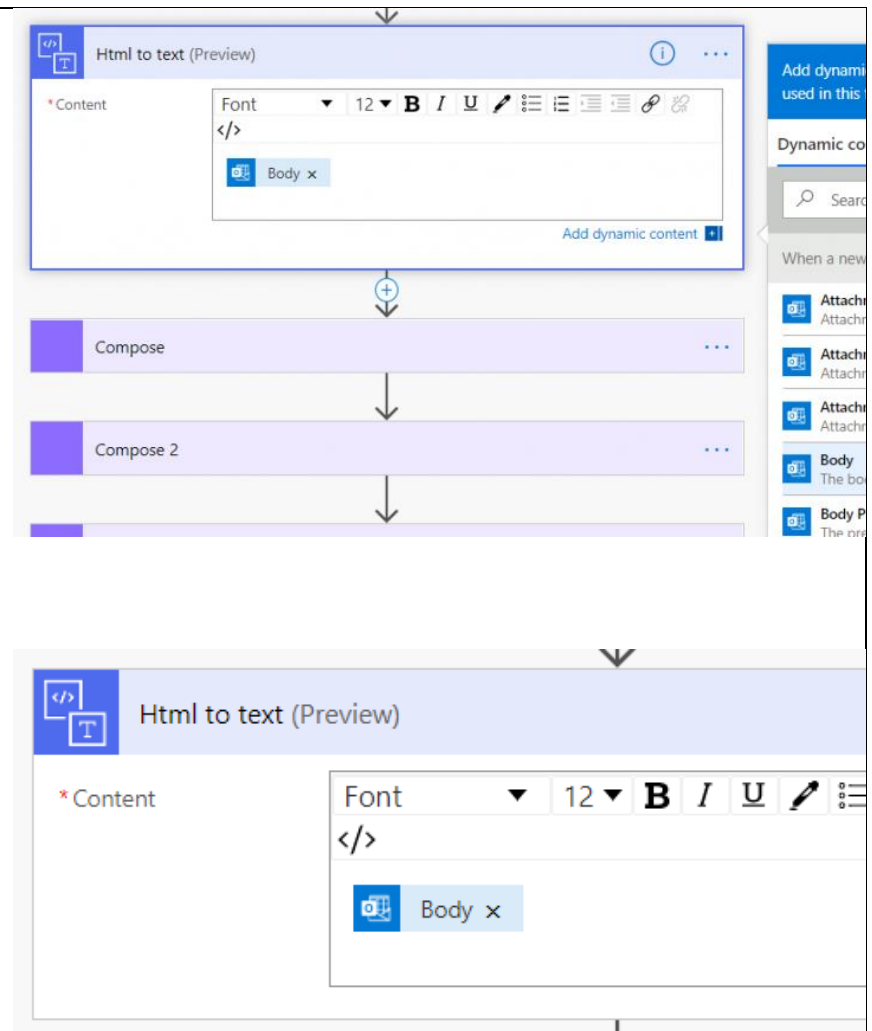
Only with Attachments

Include Attachments

Subject Filter

Hide advanced options 

Next we select **Html to text** and choose Body from the **menu**.



Now we choose the step **Compose** and insert the following function in the expression:

```
length(body('Html_to_text'))
```

The expression counts the characters in the body and returns them.

Then we choose **Compose** again and this time we enter the following function:

```
add(indexOf(body('Html_to_text'), 'User'), 5)
```

This function goes in the body up to the **user** and **counts 5 characters** from there on, exactly to the “:” **after Benutzer**.

Attention: Please use the words you see in the mail you get from the protection center!

Also in this step we need again **Compose** and a function that looks like this:

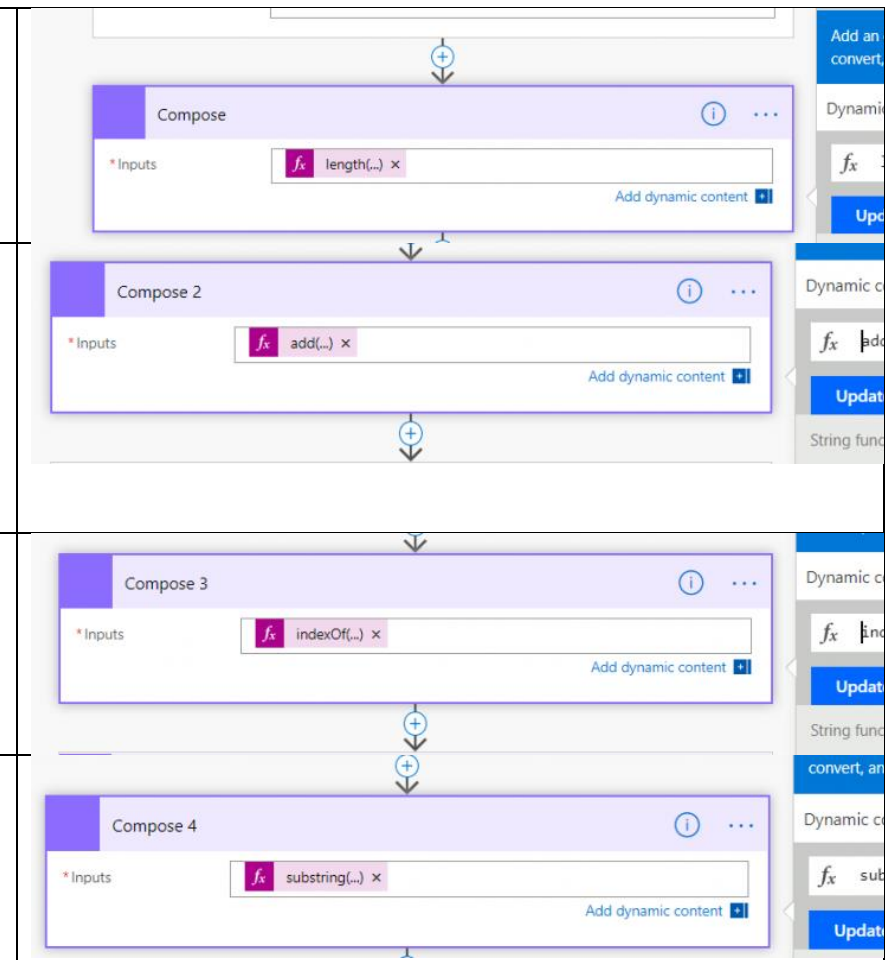
```
indexOf(body('Html_to_text'), 'Item')
```

This function goes in the body up to the word **element**.

As mentioned before we need again **Compose**. The function we have here is as follows: `substring(body('Html_to_text'), outputs('Compose_2'))`,

```
sub(outputs('Compose_3'), outputs('Compose_2'))
```

This function now combines the **Compose function 2 + 3** and we get the **email address** that is enclosed between the **Benutzer** and the **Element**.



Now we have extracted the email address from the template mail. If we like we can now add two more Compose steps to extract all informations to use this for a separate monitoring report.

Choose **Compose**. Now we use the same function as in **Compose 2**:

```
add(indexOf(body('Html_to_text'), 'Notification'),12)
```

This function goes in the body up to the word “übereinstimmen” and counts 15 characters from there on, exactly to the: **after “Notification”**

You're getting this message because there's activity in your Off Web **Notification**'.

Activity: PublishToWebReport

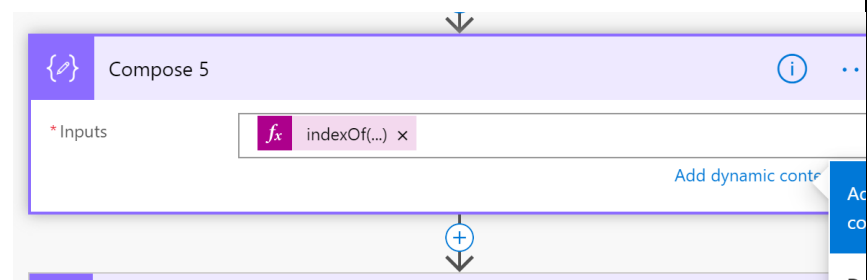
User: Martina@kborchert.onmicrosoft.com

Item: Demo Report 2

Client IP address: 77.20.252.192

Time of activity (UTC): 26/06/2020 15:10:51

What's Next?



Choose **Compose**. And again we use a function we already know. We use the function from **Compose 3**:

```
indexOf(body('Html_to_text'), 'What')
```

This function goes in the body up to the word **What**.

You're getting this message because there's activity in your OI Web Notification'.

Activity: PublishToWebReport

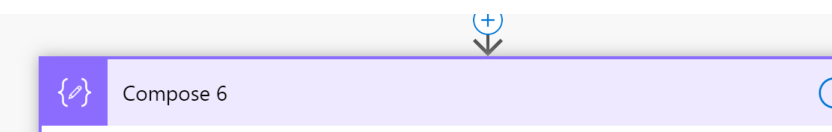
User: Martina@kborchert.onmicrosoft.com

Item: Demo Report 2

Client IP address: 77.20.252.192

Time of activity (UTC): 26/06/2020 15:10:51

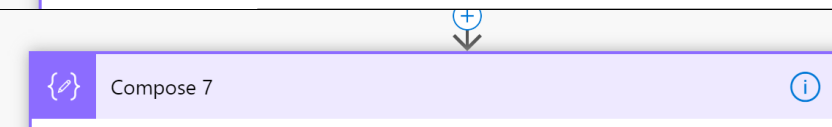
What's Next?



To extract now the text we choose **Compose** and use the same function as in **Compose 4**:


```
substring(body('Html_to_text'), outputs('Compose_5'), sub(outputs('Compose_6'), outputs('Compose_5')))
```

This function now combines the **Compose function 5 + 6** and we get the **whole text information** that is enclosed between the word “übereinstimmen” and the word “wie”.





Now we can use our output information to generate a mail for the admins. Use **Send email (V2)** here we take the generated **output from Compose 4** and set it into the body. The recipient here is of course the admin of the tenant.

You can also extract the name of the report which was published.

 Send an email (V2) 2



* To



 kbo@kborchert.onmicrosoft.com 

* Subject


Publish to web warning!

* Body

Font ▼ 12 ▼ **B** *I* U  

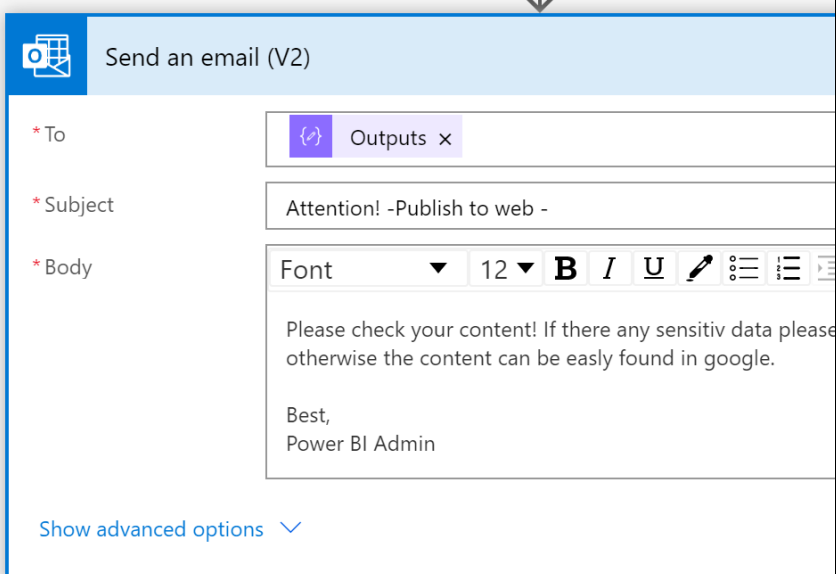
The following person has used publish to web:
 Outputs 

Please check the publish to web content in your P

[Show advanced options](#) 

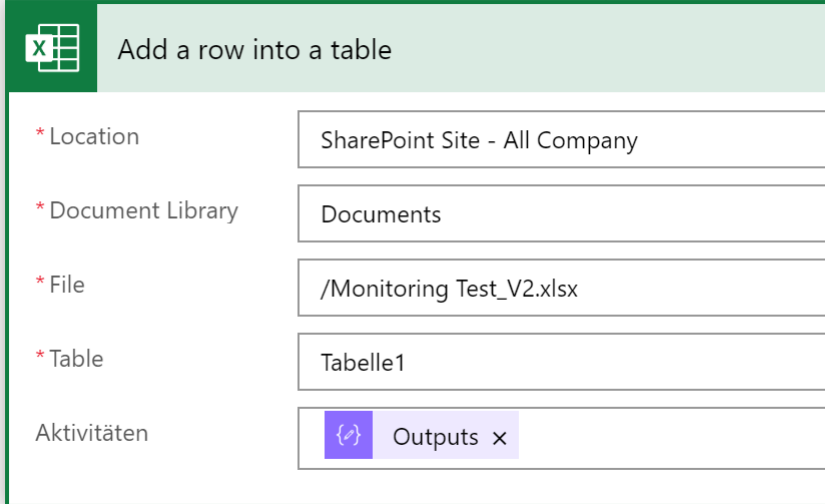
In this step of our flow we use **Send email (V2)** here we take the generated **output from Compose 4** and set it as recipient in the **To field**.

There we can add some important information to inform our end user what he has done.



The screenshot shows the 'Send an email (V2)' action interface. The 'To' field is populated with 'Outputs' (indicated by a purple icon and a close button). The 'Subject' field contains the text 'Attention! -Publish to web -'. The 'Body' field is a rich text editor with a toolbar showing font, size (12), bold, italic, underline, and list options. The body text reads: 'Please check your content! If there any sensitiv data please otherwise the content can be easily found in google.' followed by 'Best, Power BI Admin'. A 'Show advanced options' link with a downward arrow is at the bottom.

Now you can add for example **Add a row into a table** and put in the **Output from compose 7** to store your information and also to use it in a report if you like.



The screenshot shows the 'Add a row into a table' action interface. The 'Location' field is 'SharePoint Site - All Company'. The 'Document Library' field is 'Documents'. The 'File' field is '/Monitoring Test_V2.xlsx'. The 'Table' field is 'Tabelle1'. The 'Aktivitäten' field is populated with 'Outputs' (indicated by a purple icon and a close button).

Now we test our flow by setting off an alarm. In our case we create a test report in our Power BI service in any workspace. This is not displayed in our own workspace, as this is our personal storage area.

Attention: It can take up to two hours until the alarm mail arrives in the mailbox.

Test Flow



- ☐ I'll perform the trigger action
- ☒ Using data from previous runs
Choose data from a list of previous runs:

☒ ✓ Test Succeeded 1 day ago

☐ ✓ Succeeded 3 days ago

☐ ✓ Test Succeeded 4 days ago

☐ ✓ Test Succeeded 4 days ago

☐ ✓ Test Succeeded 5 days ago

Save & Test

Cancel

Now you can wait and you will be informed immediately if someone use this function.

