Flowmon ADS Integration with Teams

Microsoft Teams Incoming Webhook Script Usage

Teams Configuration

Configuration of the Incoming webhook is described at
https://learn.microsoft.com/en-us/microsoftteams/platform/webhooks-and-connectors/how-to/add-incoming-webhook

You only need to select a group and add connector there. This webhook will provide you with HTTPs URL where the script will send (POST) the messages.

Copy the URL below to save it to the clipboard, then select Save. You'll need this URL when you go to the service that you want to send data to your group.

https://m365x012372.webhook.office.con

Url is up-to-date.

Done   Remove

There is a limitation on how many messages could be sent through the webhook. The details are available at https://learn.microsoft.com/en-us/microsoftteams/platform/webhooks-and-connectors/how-to/connectors-using

Current numbers are four messages in a second and sixty in 30 seconds and 100 in five minutes. So, this should be deployed only on the important event or well configured Flowmon ADS system.

Flowmon ADS Configuration

Details on how to configure a custom script are in the User Guide of the Flowmon ADS.

You have two options to provide the parameters in the script itself before uploading.

```
# Debug 1 = yes, 0 = no
DEBUG=1
TEST=0
# Incoming webhook URL
WEBHOOK='https://progresssoftware.webhook.office.com/webhookb2/4b
# hostname / IP of Flowmon Web UI for links in the messages
FLOWMON='10.100.24.66'
```

Or to provide these by parameters when after uploading and specifying the URL and your Flowmon web UI hostname or IP address.
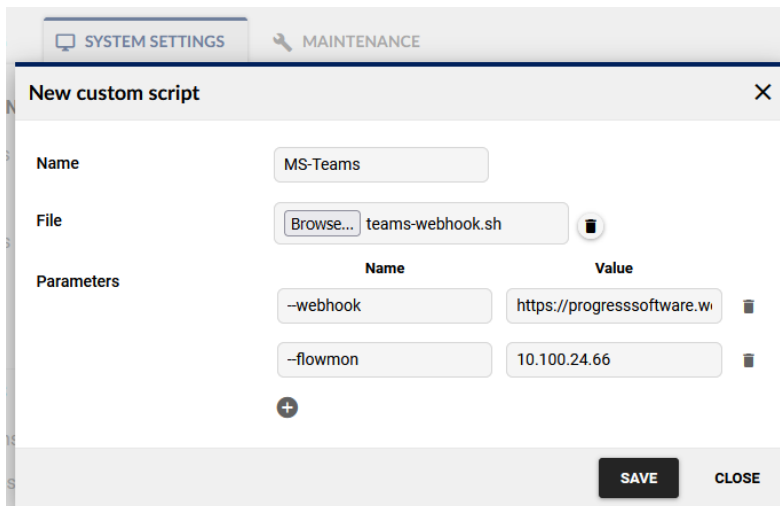
However, with recent update of Webhook functionality the URL got longer then 255 characters and that is a limit of parameter value you can use in the UI. Thus, you must provide the webhook URL in the script for this to work properly. The other option would be to use some internal URL shortening but I would not share it with some online one as the URL is sensitive information and anyone with it can use to for posting the data.

```
usage: teams-webhook.sh <options>
Optional:

--webhook    MS Teams Webhook
--flowmon    IP / Hostname of Flowmon Web UI for links
--test       This will send a test message with static text
```

For example, we can create a custom script with those parameters to be different from default.

And then configure action where it will allow you to change the parameters.

You can also test if from any Linux machine when you use parameter test with some value after it. The output in teams would looks like on image below.