



Webhook Notification

Cloud Insights

NetApp
December 17, 2022

Table of Contents

- Notification using Webhooks 1
 - Creating a Webhook..... 1
 - Choosing Webhook Notification in a Monitor 4
 - Webhook Examples: 4

Notification using Webhooks

Webhooks allow users to send alert notifications to various applications using a customized webhook channel.

Many commercial applications support webhooks as a standard input interface, for example: Slack, PagerDuty, Teams, and Discord all support webhooks. By supporting a generic, customizable webhook channel, Cloud Insights can support many of these delivery channels. Information on webhooks can be found on these application websites. For example, Slack provides [this useful guide](#).

You can create multiple webhook channels, each channel targeted for a different purpose; separate applications, different recipients, etc.

The webhook channel instance is comprised of the following elements:

Name	Unique name
URL	Webhook target URL, including the <i>http://</i> or <i>https://</i> prefix along with the url params
Method	GET, POST - Default is POST
Custom Header	Specify any custom header lines here
Message Body	Put the body of your message here
Default Alert Parameters	Lists the default parameters for the webhook
Custom Parameters and Secrets	Custom parameters and secrets allow you to add unique parameters and secure elements such as passwords

Creating a Webhook

To create a Cloud Insights webhook, go to **Admin > Notifications** and select the **Webhooks** tab.

The following image shows an example webhook configured for Slack:

Edit a Webhook

Name

Slack Test

Template Type

Slack

URL

https://hooks.slack.com/services/T12345678/B01234567H/B01234567kT89mFrtvpyA

Method

POST

Custom Header

Content-Type: application/json
Accept: application/json

Message Body

```
{
  "blocks": [
    {
      "type": "section",
      "text": {
        "type": "mrkdwn",
        "text": "**Cloud Insights Alert - %%%alertid%%%\nSeverity - *%%severity%%**"
      }
    }
  ],
  "type": "mrkdwn"
}
```

Cancel

Test Webhook

Save Webhook

Enter appropriate information for each of the fields, and click "Save" when complete.

You can also click the "Test Webhook" button to test the connection. Note that this will send the "Message Body" (without substitutions) to the defined URL according to the selected Method.

Cloud Insights webhooks comprise a number of default parameters. Additionally, you can create your own custom parameters or secrets.

Default Alert Parameters

Name	Description
%%alertDescription%%	Alert description
%%alertId%%	Alert ID
%%alertRelativeUrl%%	Relative URL to the Alert page. To build alert link use <code>https://%%cloudInsightsHostName%%%%alertRelativeUrl%%</code>
%%metricName%%	Monitored metric
%%monitorName%%	Monitor name
%%objectType%%	Monitored object type
%%severity%%	Alert severity level
%%alertCondition%%	Alert condition
%%triggerTime%%	Alert trigger time in GMT ("Tue, 27 Oct 2020 01:20:30 GMT")
%%triggerTimeEpoch%%	Alert trigger time in Epoch format (milliseconds)
%%triggeredOn%%	Triggered On (key:value pairs separated by commas)
%%value%%	Metric value that triggered the alert
%%cloudInsightsLogoUrl%%	Cloud Insights logo URL
%%cloudInsightsHostname%%	Cloud Insights Hostname (concatenate with relative URL to build alert link)

Custom Parameters and Secrets

Name	Value	Description
------	-------	-------------

No Data Available

 Parameter

Parameters: What are they and how do I use them?

Alert Parameters are dynamic values populated per alert. For example, the `%%TriggeredOn%%` parameter will be replaced with the object on which the alert was triggered.

Note that in this section, substitutions are *not* performed when clicking the "Test Webhook" button; the button sends a payload that shows the `%%` substitutions but does not replace them with data.

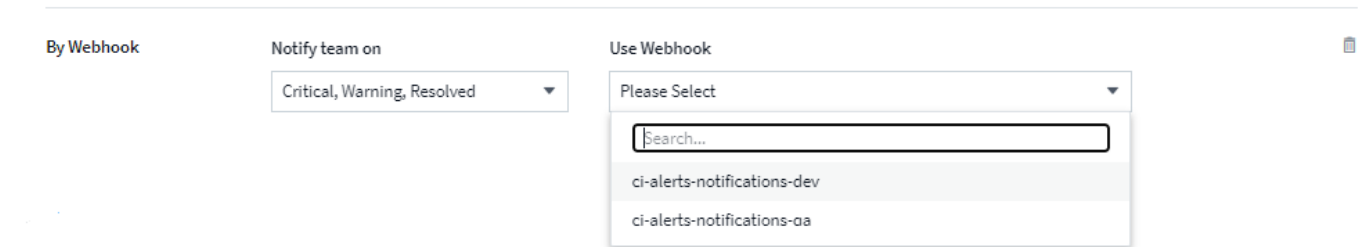
Custom Parameters and Secrets

In this section you can add any custom parameters and/or secrets you wish. For security reasons, if a secret is defined only the webhook creator can modify this webhook channel. It is read-only for others. You can use secrets in URL/Headers as `%%<secret_name>%%`.

Choosing Webhook Notification in a Monitor

To choose the webhook notification in a [monitor](#), go to **Alerts > Manage Monitors** and select the desired monitor, or add a new monitor. In the *Set up team notifications* section, choose *Webhook* as the delivery method. Select the alert levels (Critical, Warning, Resolved), then choose the desired webhook.

3 Set up team notification(s) (alert your team via email, or Webhook)



The screenshot shows the 'Set up team notification(s)' interface. It has a tab labeled 'By Webhook'. Under this tab, there is a section 'Notify team on' with a dropdown menu showing 'Critical, Warning, Resolved'. To the right, there is a section 'Use Webhook' with a dropdown menu showing 'Please Select'. Below this dropdown is a search bar with the placeholder text 'Search...'. Below the search bar, there are two options listed: 'ci-alerts-notifications-dev' and 'ci-alerts-notifications-qa'.

Webhook Examples:

Webhooks for [Slack](#)

Webhooks for [PagerDuty](#)

Webhooks for [Teams](#)

Webhooks for [Discord](#)

Copyright information

Copyright © 2022 NetApp, Inc. All Rights Reserved. Printed in the U.S. No part of this document covered by copyright may be reproduced in any form or by any means—graphic, electronic, or mechanical, including photocopying, recording, taping, or storage in an electronic retrieval system—without prior written permission of the copyright owner.

Software derived from copyrighted NetApp material is subject to the following license and disclaimer:

THIS SOFTWARE IS PROVIDED BY NETAPP “AS IS” AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. IN NO EVENT SHALL NETAPP BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

NetApp reserves the right to change any products described herein at any time, and without notice. NetApp assumes no responsibility or liability arising from the use of products described herein, except as expressly agreed to in writing by NetApp. The use or purchase of this product does not convey a license under any patent rights, trademark rights, or any other intellectual property rights of NetApp.

The product described in this manual may be protected by one or more U.S. patents, foreign patents, or pending applications.

LIMITED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (b)(3) of the Rights in Technical Data -Noncommercial Items at DFARS 252.227-7013 (FEB 2014) and FAR 52.227-19 (DEC 2007).

Data contained herein pertains to a commercial product and/or commercial service (as defined in FAR 2.101) and is proprietary to NetApp, Inc. All NetApp technical data and computer software provided under this Agreement is commercial in nature and developed solely at private expense. The U.S. Government has a non-exclusive, non-transferrable, nonsublicensable, worldwide, limited irrevocable license to use the Data only in connection with and in support of the U.S. Government contract under which the Data was delivered. Except as provided herein, the Data may not be used, disclosed, reproduced, modified, performed, or displayed without the prior written approval of NetApp, Inc. United States Government license rights for the Department of Defense are limited to those rights identified in DFARS clause 252.227-7015(b) (FEB 2014).

Trademark information

NETAPP, the NETAPP logo, and the marks listed at <http://www.netapp.com/TM> are trademarks of NetApp, Inc. Other company and product names may be trademarks of their respective owners.