



How to use performance policies to monitor resources

Cloud Insights

Dave Grace
February 28, 2020

This PDF was generated from https://docs.netapp.com/us-en/cloudinsights/task_h2_perf_policy.html on May 21, 2020. Always check docs.netapp.com for the latest.

Table of Contents

- How to use performance policies to monitor resources 1
 - Creating a performance policy 1
 - Monitoring performance policy violations 1

How to use performance policies to monitor resources

You create performance policies to set thresholds that trigger alerts to notify you about issues related to resources in your network.

For example, you can create a performance policy to alert you when the total capacity used in a storage pool is greater than 60 GB.

Creating a performance policy

The following steps describe how to create a performance policy that alerts when a Tier 1 Datastore exceeds 600 GB of Capacity used.

Steps

1. Open Cloud Insights
2. Click **Manage > Performance policies**

Policies are organized by object, and are evaluated in the order in which they appear in the list for each object.

3. Click + **Performance Policy**.
 - a. Add a policy name
 - b. Add the object type (Datastore)
 - c. With annotation = Tier
 - d. Annotation value = Tier 1
 - e. Apply After a Window of = First Occurrence
 - f. With Severity = Warning
 - g. Email recipients can be a global list or a specific list for each policy
 - h. Create the threshold = Capacity-used > 600 GB
 - i. Check the box to configure the policy to stop processing after the first alert.

Monitoring performance policy violations

Performance policy violations can be viewed using the Violations Dashboard. The dashboard lists all the violations that occur in your network and enables you to easily identify issues you should address.

Click **Dashboard > Violations** to access the Violations Dashboard.

You can filter violations by device, policy name, date, time, severity, and so on.

Click the Time column to

Clicking the Violation ID or the device highlighted in the Description field opens the Asset page of the device that generated the violation.

In the Asset page the violations section lists all of the violations that have occurred for the asset. In the expert view, select metrics to provide a visual display of the violations.

Violation notifications

You can configure performance policies to send e-mail notification when policy breaches occur.

To add recipients to the global email list, click **Admin > Notifications**, and enter email addresses for the recipients separated by commas. Emails sent as alerts from performance policy threshold violations are sent to all recipients on the list. You can override the global list for a specific policy when you configure the policy.

Copyright Information

Copyright © 2020 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.

RESTRICTED RIGHTS LEGEND: Use, duplication, or disclosure by the government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.277-7103 (October 1988) and FAR 52-227-19 (June 1987).

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.