



Security

Astra Automation

David Peterson
August 04, 2021

Table of Contents

- Security 1
 - Astra API tokens 1
 - Revoking an API access token. 1
 - Roles and access control 1

Security

The Astra REST API provides multiple layers of security.



All HTTP network traffic is protected using the transport layer security (TLS) standard.

Astra API tokens

To use the Astra REST API, you must provide an API token on every request in the `Authorization` request header. Note the following:

- You can generate an API token at the Astra web user interface.
- A token never expires after it is created.
- You can revoke a token at any time at the Astra web user interface.

See [Get an API token](#) for more information.

Revoking an API access token

You can revoke an API token at the Astra web interface when it is no longer needed.

Before you begin

You need an account for the Astra service. You should also identify the tokens you want to revoke.

About this task

After a token is revoked, it is immediately and permanently unusable.

Steps

1. Sign in to Astra using your account credentials.

Access the following site for Astra Control Service: <https://astra.netapp.io>

2. Click the figure icon at the top right of the page and select **API access**.
3. Select the token or tokens you want to revoke.
4. Under the **Actions** drop-down box, click **Revoke tokens**.

Roles and access control

Each Astra user is assigned to a single role which determines the actions that can be performed. The roles are arranged in a hierarchy as described in the table below.

Role	Description
Owner	Has all the permissions of the Admin role and can also delete Astra accounts.
Admin	Has all the permissions of the Member role and can also invite users to join an account.
Member	Can fully manage the Astra application and compute resources.
Viewer	Restricted to only viewing resources.

Copyright Information

Copyright © 2021 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.