

Device Freeze API

www.absolute.com

April 2024

Device Freeze API — Document revision: 9.0-0

Absolute Software Corporation reserves the right to revise this document and to periodically make changes in the content hereof without obligation of such revisions or changes unless required to do so by prior agreement.

Information contained herein is believed to be correct, but is provided solely for guidance in product application and not as a warranty of any kind. Absolute Software Corporation assumes no responsibility for use of this information, nor for any infringements of patents or other rights of third parties resulting from the use of this information.

Absolute Software Corporation
Suite 1400 Four Bentall Centre
1055 Dunsmuir Street
PO Box 49211
Vancouver, British Columbia
Canada V7X 1K8

© 2018 - 2024 Absolute Software Corporation. All rights reserved. Reproduction or transmission in whole or in part, in any form, or by any means (electronic, mechanical, or otherwise) is prohibited without the prior written consent of the copyright owner. Absolute and Persistence are trademarks of Absolute. Self-healing Endpoint Security is a trademark of Absolute. All other trademarks are property of their respective owners.

NOTE Depending on the permissions associated with your API token and the [Absolute product licenses](#) associated with your account, the Device Freeze API may not be available.

The Device Freeze API provides an integration point to manage Freeze requests and Freeze messages without using the Secure Endpoint Console. The Device Freeze API lets you submit Freeze requests and Remove Freeze requests for eligible devices. You can also create and manage Freeze messages to use in Freeze requests.

For more information about using Absolute APIs, see [Working with Absolute APIs](#).

All of the Device Freeze API endpoints require the following authentication header parameters in each request:

Authentication header parameters

Header	Notes	Description
Host	required	The domain name of the server where the request is sent Example: Host: api.absolute.com
Content-Type	required	The media type of the resource Example: Content-Type: application/json
X-Abs-Date	required	The automatically generated header that indicates the time (in UTC) the request was made encoded in a special header Format: <YYYY><MM><DD>T<hh><mm><ss>Z Example: X-Abs-Date: 20210924T202742Z
Authorization	required	The HTTP authorization header Format: <algorithm> Credential=<token id>/<CredentialScope>, SignedHeaders=<SignedHeaders>, Signature=<signature> Example: Authorization: ABS1-HMAC-SHA-256 Credential=8b2d6fe7-0819-49b7-b29b-f565189de95/20210924/cadc/abs1, SignedHeaders=host;content-type;x-abs-date, Signature=f84db5f4b00d1c8beca909fdaca6356546ea6fce8b82874132df13c920d4a2c5

Example Authentication header parameters

```

1 Host: api.absolute.com
2 Content-Type: application/json
3 X-Abs-Date: 20210924T202742Z
4 Authorization: ABS1-HMAC-SHA-256 Credential=8b2d6fe7-0819-49b7-b29b-
  f565189de95/20210924/cadc/abs1, SignedHeaders=host;content-type;x-abs-date,
  Signature=f84db5f4b00d1c8beca909fdaca6356546ea6fce8b82874132df13c920d4a2c5

```

See [Working with Absolute APIs](#) for more information.

v2/device-freeze/requests

The following endpoints are available for working with Freeze requests:

- [POST /v2/device-freeze/requests](#)
- [PUT /v2/device-freeze/requests](#)
- [GET /v2/device-freeze/requests/{requestUid}](#)

v2/device-freeze/messages

The following endpoints are available for working with Freeze messages:

- [GET /v2/device-freeze/messages](#)
- [GET /v2/device-freeze/messages/{messageUid}](#)
- [POST /v2/device-freeze/messages](#)
- [PUT /v2/device-freeze/messages/{messageUid}](#)
- [DELETE /v2/device-freeze/messages/{messageUid}](#)

POST /v2/device-freeze/requests

The `POST /v2/device-freeze/requests` endpoint creates a new Freeze request for one or more devices specified in the `deviceUids` request body parameter. You can create one type of Freeze per request.

NOTE You can't freeze a device that has been reported Stolen in the Secure Endpoint Console.

For detailed information about creating Freeze requests on your account, including prerequisites and permissions, see *Freezing devices* in the console Help.

NOTE Conditional - Offline Freeze has been replaced by Offline Freeze rules. Use the Secure Endpoint Console to set up an Offline Freeze rule.

Request

Request header

The request header consists of the resource URL and the header parameters.

Header parameters

The [Authentication header parameters](#) are required.

Example POST /v2/device-freeze/requests request header

```
1 POST https://api.absolute.com/v2/device-freeze/requests
2 Content-Type: application/json
3 Host: api.absolute.com
4 X-Abs-Date: 20210924T202742Z
5 Authorization: ABS1-HMAC-SHA-256 Credential=8b2d6fe7-0819-49b7-b29b-
  f565189d5e95/20210924/cadc/abs1, SignedHeaders=host;content-type;x-abs-date,
  Signature=f84db5f4b00d1c8beca909fdaca6356546ea6fceb82874132df13c920d4a2c5
```

Request body

The endpoint accepts a JSON-formatted object in the request body, the object represents the properties of the new Freeze request. The following table describes the parameters defined in the request body:

POST /v2/device-freeze/requests request parameters

Parameter	Notes	Data type	Description
name	required	string	<p>The user-defined name for the Freeze request</p> <ul style="list-style-type: none"> Non-unique 1 - 250 characters <p>Example: On-demand Freeze 5 devices</p>
message	required	string	<p>The user-defined, HTML coded message shown on devices when the Freeze is applied</p> <ul style="list-style-type: none"> Non-unique 1 – 4000 characters <p>Example: <html><body>This device has been frozen by ABC Company. Contact support for instructions on how to remove the freeze from this device.</body></html></p> <p>To use an existing message, use the value from the content response parameter from GET /v2/device-freeze/messages or GET /v2/device-freeze/messages/{messageUid}.</p>
messageName	required	string	<p>The user-defined name for the Freeze message</p> <p>Example: On-demand Freeze message</p> <p>To use an existing message, use the value from the name response parameter from GET /v2/device-freeze/messages or GET /v2/device-freeze/messages/{messageUid}.</p>
freezeDefinition	required	object	An object that defines the Freeze request
deviceFreezeType	required	string	<p>The type of Freeze</p> <p>Possible values:</p> <ul style="list-style-type: none"> OnDemand: freezes a device on its next connection to the Absolute Monitoring Center, which is typically within 15 minutes <ul style="list-style-type: none"> Applies to all supported operating systems Scheduled: freezes a device on its next connection to the Absolute Monitoring Center on or after a specified date and time <ul style="list-style-type: none"> Applies to Windows and Mac devices Scheduled freeze date is specified in <code>scheduledFreezeDate</code>

Parameter	Notes	Data type	Description
			<div>NOTE Scheduled Freeze requests are only supported on Windows and Mac devices with an active Secure Endpoint Agent that is regularly connecting to the Absolute Monitoring Center.</div>
scheduledFreezeDate	conditional	string <date-time>	<p>The date and time (in UTC) when the device should be frozen in ISO 8601 format</p> <ul style="list-style-type: none"> Required if deviceFreezeType is Scheduled <p>ISO 8601 format: YYYY-MM-DDThh:mm:ss.SSSZ Example: 2022-01-01T00:00:00.000Z</p>
deviceUids	required	array [string]	<p>The unique identifiers of devices included in the request Recommendation of up to 10,000 devices per request Example: "56be8d1f-2eb8-4e9b-bbd6-1aab032abcde", "56be8d1f-2eb8-4e9b-bbd6-2bbc032bcdef" See Retrieving the deviceId for information on using the Device Report API to get a deviceId</p>
passcodeDefinition	required	object	An object containing information about the passcode
option	required	string	<p>The type of passcode to unfreeze a device Possible values:</p> <ul style="list-style-type: none"> UserDefined: manually set the passcode in passcode You must include passcode in the payload RandomForEach: a unique passcode is randomly generated for each device You must include length in the payload RandomForAll: the passcode is randomly generated and is the same for all devices You must include length in the payload
passcode	conditional	string	<p>The passcode used to unfreeze the devices</p> <ul style="list-style-type: none"> Required when option is UserDefined Numeric 4–8 characters <p>Example: 12345678</p>
length	conditional	integer	<p>The length of the passcode when it is randomly generated</p> <ul style="list-style-type: none"> Required when option is RandomForEach and RandomForAll Between 4 and 8 <p>Example: 8</p>

Parameter	Notes	Data type	Description
notificationEmails	optional	array [string]	An array of user-entered email addresses that will receive an email notification when the status of the Freeze request changes Supports up to 10 email addresses Example: " tjordan@abccompany.com ", " bsmith@abccompany.com "

Example POST /v2/device-freeze/requests request body

```
1  {
2    "name": "On-demand Freeze 5 devices",
3    "message": "<html><body>This device has been frozen by ABC Company. Contact
support for instructions on how to remove the freeze from this device.</body></html>",
4    "messageName": "On-demand Freeze message",
5    "freezeDefinition": {
6      "deviceFreezeType": "OnDemand"
7    },
8    "deviceUids": [
9      "56be8d1f-2eb8-4e9b-bbd6-1aab032abcde",
10     "56be8d1f-2eb8-4e9b-bbd6-2bbc032bcdef",
11     "56be8d1f-2eb8-4e9b-bbd6-3ccd032cdefa",
12     "56be8d1f-2eb8-4e9b-bbd6-3ccd032defab"
13   ],
14   "passcodeDefinition": {
15     "option": "UserDefined",
16     "passcode": "12345678"
17   },
18   "notificationEmails": [
19     "bsmith@abccompany.com",
20     "tjordan@abccompany.com"
21   ]
22 }
```

Response

If the Freeze request succeeds for at least one device, the endpoint returns a status code of 201 `Created` and the response body.

Response header

Example POST /v2/device-freeze/requests response header

```
1  HTTP/1.1 201 Created
2  Content-Type: application/json;charset=utf-8
```

Response body

The following fields are returned in the response body:

POST /v2/device-freeze/requests response parameters

Parameter	Data type	Description
requestUid	string	The system-defined, unique identifier of the Freeze request Example: 3e149354-8719-441f-b74b-2026427cbfaf
deviceUids	array [string]	The unique identifier of devices for the devices that succeeded in creating a Freeze request Example: "56be8d1f-2eb8-4e9b-bbd6-1aab032abcde", "56be8d1f-2eb8-4e9b-bbd6-2bbc032bcdef"
errors	array [object]	An array of objects, each object represents an error that occurred during the create Freeze request If there are no errors, this is an empty array
message	string	The reason for the Freeze failure Possible values: <ul style="list-style-type: none"> • Invalid deviceUids in the request • Device doesn't exist • The platform OS type is missing from this device • The platform OS type of this device is not supported • Device is stolen • CTES is inactive on this device • The agent is inactive on this device • The agent version of this device is not supported • Not licensed for Freeze actions
messageKey	string	The reference key for the error message Possible values: <ul style="list-style-type: none"> • dds.deviceFreeze.error.invalidDeviceFreezeDeviceUid • dds.deviceFreeze.error.deviceNotExists • dds.deviceFreeze.error.platformOSTypeMissing • dds.deviceFreeze.error.platformOSTypeNotSupported • dds.deviceFreeze.error.devicesIsStolen • dds.deviceFreeze.error.ctesIsInactive • dds.deviceFreeze.error.agentIsNotActive • dds.deviceFreeze.error.unsupportedAgentVersion • dds.deviceFreeze.error.notLicensed
detail	object	An object containing the devices that failed for the specified error
deviceUids	array [string]	The unique identifiers of devices for the Freeze request error Example: "56be8d1f-2eb8-4e9b-bbd6-3ccd032cdefa", "56be8d1f-2eb8-4e9b-bbd6-3ccd032defab"

Example POST /v2/device-freeze/requests response body when all devices succeed

```
1  {
2    "requestUid": "3e149354-8719-441f-b74b-2026427cbfaf",
3    "deviceUids": [
4      "56be8d1f-2eb8-4e9b-bbd6-1aab032abcde",
5      "56be8d1f-2eb8-4e9b-bbd6-2bbc032bcdef",
6      "56be8d1f-2eb8-4e9b-bbd6-3ccd032cdefa",
7      "56be8d1f-2eb8-4e9b-bbd6-3ccd032defab"
8    ],
9    "errors": []
10 }
```

Example POST /v2/device-freeze/requests response body when some devices succeed and some devices fail

```
1  {
2    "requestUid": "3e149354-8719-441f-b74b-2026427cbfaf",
3    "deviceUids": [
4      "56be8d1f-2eb8-4e9b-bbd6-1aab032abcde"
5    ],
6    "errors": [
7      {
8        "message": "The platform OS type is missing from the device.",
9        "messageKey": "dds.deviceFreeze.error.platformOSTypeMissing",
10       "detail": {
11         "deviceUids": [
12           "56be8d1f-2eb8-4e9b-bbd6-2bbc032bcdef"
13         ]
14       }
15     },
16     {
17       "message": "The CTES agent is set to inactive on this device.",
18       "messageKey": "dds.deviceFreeze.error.CtesIsInactive",
19       "detail": {
20         "deviceUids": [
21           "56be8d1f-2eb8-4e9b-bbd6-3ccd032cdefa",
22           "56be8d1f-2eb8-4e9b-bbd6-3ccd032defab"
23         ]
24       }
25     }
26   ]
27 }
```

Errors

The following table lists the possible status codes and messages that may be returned when using this endpoint:

POST /v2/device-freeze/requests errors

Status code	Reason	Action
400 Bad Request	The Freeze message name cannot be empty. The Freeze message name must be 255 characters or fewer.	Verify that <code>name</code> has between 1 and 255 characters.
400 Bad Request	The Freeze message content cannot be empty. The Freeze message content must be 4000 characters or fewer.	Verify that <code>message</code> has between 1 and 4000 characters.
400 Bad Request	The Freeze type in the definition cannot be empty. The Freeze type ' <code><invalid type></code> ' is not defined.	Verify that the <code>deviceFreezeType</code> is set to one of the following: <ul style="list-style-type: none"> • OnDemand • Scheduled
400 Bad Request	For a Scheduled Freeze request, the scheduled date must be set to the future. For a Scheduled Freeze request, the scheduled date must not be empty. Cannot deserialize value of type <code>java.util.Date</code> from String <code><datestring></code> : not a valid representation (error: Failed to parse Date value ' <code><datestring></code> ': Can not parse date ' <code><datestring></code> ': while it seems to fit format 'YYYY-MM-DD'T'hh:mm:ss.SSS'Z', parsing fails (leniency? null))".	For a Scheduled Freeze request, verify that <code>scheduledFreezeDate</code> is set, is in the future, and uses the correct format (ISO 8601 UTC)
400 Bad Request	The option in the passcode definition cannot be empty. The passcode option ' <code><option></code> ' is not defined.	Verify that <code>option</code> in <code>passcodeDefinition</code> is set to one of the following: <ul style="list-style-type: none"> • UserDefined • RandomForEach • RandomForAll
400 Bad Request	When the passcode option is set to User-Defined, the passcode cannot be empty. When the passcode option is set to User-Defined, the length of the passcode must be 4 to 8 digits. The length of the passcode must be 4 to 8 digits. The passcode is missing.	When <code>option</code> is UserDefined , verify that there is a <code>passcode</code> and it is from 4 to 8 characters in length.
400 Bad Request	The length of the passcode must be 4 to 8 digits.	When <code>option</code> is RandomForEach or RandomForAll , verify that <code>length</code> exists and it is a number between 4 to 8.

Status code	Reason	Action
400 Bad Request	The deviceId list cannot be empty.	Verify that there is a deviceId list.
400 Bad Request	No Device Report can be found for this request.	Verify that the device belongs to the account.
400 Bad Request	Device is stolen.	The device has a status of Stolen and a Freeze cannot be applied.
400 Bad Request	CTES is inactive on this device.	The component manager (CTES) is not active on the device and a Freeze cannot be applied.
400 Bad Request	The agent is inactive on this device.	The agent is not active on the device and a Freeze cannot be applied (Agent status is not 'A').
400 Bad Request	The platform OS type of this device is not supported.	Freeze doesn't support the operating system of the device.
400 Bad Request	The account '<accountId>' does not have ABT7 Device Freeze enabled	The account doesn't have ABT7 Device Freeze enabled.
401 Unauthorized	The authentication failed.	Verify that the authentication and that the correct Token ID and Secret key were used.
500 Internal Server Error	An internal server error occurred.	If the error persists, contact Absolute Technical Support (www.absolute.com/en/support).

PUT /v2/device-freeze/requests

The PUT /v2/device-freeze/requests endpoint creates a new Remove Freeze request for one or more devices, regardless of their Freeze status. You can submit Remove Freeze requests to perform the following actions:

- Unfreeze frozen devices
- Remove newly submitted Freeze requests
- Remove outstanding Scheduled and Offline Freeze requests

For detailed information about creating and removing Freeze requests on your account, including prerequisites and permissions, see *Freezing devices*, *Freezing offline devices*, and *Removing Freeze requests* in the console Help.

Request

Request header

The request header consists of the resource URL and the header parameters.

Header parameters

The [Authentication header parameters](#) are required.

Example PUT /v2/device-freeze/requests request header

```

1 PUT https://api.absolute.com/v2/device-freeze/requests
2 Host: api.absolute.com
3 Content-Type: application/json
4 X-Abs-Date: 20210924T202742Z
5 Authorization: ABS1-HMAC-SHA-256 Credential=8b2d6fe7-0819-49b7-b29b-
  f565189d5e95/20210924/cadc/abs1, SignedHeaders=host;content-type;x-abs-date,
  Signature=f84db5f4b00d1c8beca909fdaca6356546ea6fce8b82874132df13c920d4a2c5

```

Request body

The endpoint accepts a JSON-formatted object in the request body, the object describes the Freeze requests to be removed and the devices to be unfrozen. The following table describes the parameters defined in the request body:

PUT /v2/device-freeze/requests request parameters

Parameter	Notes	Data type	Description
deviceUids	required	array [string]	The unique identifiers of devices included in the request Recommendation of up to 10,000 devices per request Example: " 56be8d1f-2eb8-4e9b-bbd6-1aab032abcde ", " 56be8d1f-2eb8-4e9b-bbd6-2bbc032bcdef " See Retrieving the deviceId for information on using the Device Report API to get a deviceId
unfreeze	optional	boolean	Make frozen devices usable immediately Applies to all Freeze types (On-demand, Scheduled, Offline) <ul style="list-style-type: none"> true: unfreezes devices with a status of <i>Frozen</i>, <i>Frozen on Schedule</i>, and <i>Frozen by Condition: Offline</i> For devices with a status of <i>Frozen on Schedule</i>, also removes the <i>Freeze Scheduled on <date></i> status For Offline Freeze requests, the device is unfrozen but the Freeze request is not removed false: doesn't unfreeze a frozen device
removeScheduled	optional	boolean	Remove Scheduled Freeze requests <ul style="list-style-type: none"> true: removes the Scheduled Freeze request if the device has a status of <i>Freeze Requested</i> or <i>Freeze Scheduled on <date></i>, and unfreezes devices with a status of <i>Frozen on Schedule</i> false: the Scheduled Freeze request isn't removed
removeOffline	option	boolean	Remove Offline Freeze requests <ul style="list-style-type: none"> true: removes the Offline Freeze request if the device has a status of <i>Freeze Requested</i> or <i>Freeze Condition - Offline Set</i>, and unfreezes and removes the Freeze condition on devices with a status of <i>Frozen by Condition: Offline</i> false: The Offline Freeze request isn't removed

Example PUT /v2/device-freeze/requests request body

```
1 | {
2 |     deviceUids:[
3 |         "56be8d1f-2eb8-4e9b-bbd6-1aab032abcde",
4 |         "56be8d1f-2eb8-4e9b-bbd6-2bbc032bcdef"
5 |     ],
6 |     unfreeze: true
7 |     removeScheduled: false
8 |     removeOffline: false
9 | }
```

Response

When the endpoint is invoked successfully, an HTTP status code of 204 (No Content) is returned in the response header with no response body.

Response header

Example PUT /v2/device-freeze/requests successful response

```
1 | HTTP/1.1 204 No Content
```

Errors

The following table lists the possible status codes and messages that may be returned when using this API.:

PUT /v2/device-freeze/requests errors

Status code	Reason	Action
400 Bad Request	The device UIDs are missing or empty. At least one device UID does not belong to the account.	Make sure that <code>deviceUids</code> contains at least one device UID, and that all of the device UIDs are correct.
400 Bad Request	None of the following have been selected: <ul style="list-style-type: none">unfreezeremoveScheduledremoveOffline	Verify that one of the following is set to true : <ul style="list-style-type: none">unfreezeremoveScheduledremoveOffline
400 Bad Request	The account '<account ID>' does not have ABT7 DFZ enabled.	The account doesn't have Absolute 7 Device Freeze enabled.
401 Unauthorized	The authentication failed.	Verify the authentication and that the correct Token ID and Secret key were used.
500 Internal Server Error	An internal server error occurred.	If the error persists, contact Absolute Technical Support (www.absolute.com/en/support).

GET /v2/device-freeze/requests/{requestUid}

The GET /v2/device-freeze/requests/{requestUid} endpoint gets detailed information about the Freeze request specified by requestUid.

Request

Request header

The request header consists of the resource URL including the path parameter and the header parameters.

Path parameters

Use the following path parameter:

GET /v2/device-freeze/requests/{requestUid} path parameter

Parameter	Data-type	Description
requestUid	string	The system-defined, unique identifier of the Freeze request Example: 3e149354-8719-441f-b74b-2026427cbfaf The requestUid is returned from POST /v2/device-freeze/requests .

Header parameters

The [Authentication header parameters](#) are required.

Example GET /v2/device-freeze/requests/{requestUid} request header

```
1 GET https://api.absolute.com/v2/device-freeze/requests/3e149354-8719-441f-b74b-2026427cbfaf
2 Host: api.absolute.com
3 Content-Type: application/json
4 X-Abs-Date: 20210924T202742Z
5 Authorization: ABS1-HMAC-SHA-256 Credential=8b2d6fe7-0819-49b7-b29b-f565189d5e95/20210924/cadc/abs1, SignedHeaders=host;content-type;x-abs-date, Signature=f84db5f4b00d1c8beca909fdaca6356546ea6fce8b82874132df13c920d4a2c5
```

Request body

The request body is an empty string.

Response

A successful request returns an HTTP status code of 200 (OK) and the response body.

Response header

Example GET /v2/device-freeze/requests/{requestUid} response header

```
1 HTTP/1.1 200 OK
2 Content-Type: application/json; charset=UTF-8
```

Response body

This endpoint returns an array of objects, each object represents a device in the Freeze request. The following table describes the fields returned:

GET /v2/device-freeze/requests/{requestUid} response parameters

Field	Data type	Description
id	string	The system-defined, unique device action identifier of the Freeze request for a single device This is different than the <code>requestUid</code> path parameter Example: 41fea850-6316-470d-b8c8-6ed09a9fc934
accountUid	string	The system-defined, unique identifier associated with this Absolute account Example: e7a9fb73-44b0-4f5d-990b-39ff884425eb
actionRequestUid	string	The system-defined, unique identifier of the Freeze request This is the same as the <code>requestUid</code> path parameter Example: 3e149354-8719-441f-b74b-2026427cbfaf
deviceUid	string	The system-defined, unique identifier of the device Example: 56be8d1f-2eb8-4e9b-bbd6-1aab032abcde
name	string	The user-defined name for the Freeze request Example: On-demand Freeze request
statuses	array [object]	An array of objects, each object represents a Freeze status for the device The device can have multiple statuses for a single Freeze request, such as a status of FreezeRequested and another as a status of Frozen
actionUid	string	The system-defined, unique identifier of the Freeze action This may be NULL Example: f029e73e-da3a-4eeb-83cb-b025b9ef0a75
statusUid	string	The system-defined, unique identifier of the Freeze status This may be NULL Example: 5336db35-ae66-435e-a29d-41ef2f10a86c

Field	Data type	Description
status	string	<p>The status of the Freeze request on the device</p> <p>Possible values:</p> <ul style="list-style-type: none"> • Canceled • CancelFailed • Canceling • Completed • CustomLaunchFailed • CustomLaunching • CustomPreLaunchFailed • Failed • FreezeFailed • FreezeRequested • Frozen • LaunchFailed • Launching • Pending • PreCancelFailed • PreLaunchFailed • Removed • RemoveRequested • ReplacedByOtherAction • UnFreezeFailed • UnFreezeRequested • UnfrozenByPasscode
messageKey	string	<p>The reference key for the error message or the info message, such as:</p> <ul style="list-style-type: none"> • error message: <ul style="list-style-type: none"> ◦ dds.deviceFreeze.error.platformOSTypeMissing ◦ dds.actionFramework.errors.Configure • info message: ddsui.ccDeviceFreeze.eventMessage.Frozen <p>This may be NULL depending on the value of status</p>
messageParams	array [string]	<p>A list of strings describing the error message when status is LaunchFailed, such as:</p> <p>"Provider [DFZ] returned [0] with the following error message [action file parsing error!\n]"</p> <p>If status isn't LaunchFailed, messageParams is NULL</p>
message	string	<p>The message for the status change that occurred</p> <p>Examples:</p> <ul style="list-style-type: none"> • If status is Removed, the message is Device unlocked. Unfreeze performed. • If status is Frozen, the message is Device locked. Freeze performed.
updatedBy	string	<p>The last entity to update the Freeze request</p> <p>Example: tjordan@abccompany.com</p>
updatedAt	number	<p>The time (in Unix Epoch) that the Freeze request was last updated</p> <p>Example: 2021-11-03T07:33:55.966+00:00</p>
triggerActionUid	string	<p>The system-defined, unique identifier of a new Freeze request that replaces another Freeze request of the same type</p> <p>In all other cases, triggerActionUid is NULL</p>

Field	Data type	Description
eventType	string	<p>The Freeze event type</p> <p>Examples:</p> <ul style="list-style-type: none"> • Freeze • Launch • Remove • RemoveOnNextUnfreeze • Replace • Unfreeze • UnfreezeByRemove <p>Can be NULL</p>
ackClientTS	number	<p>The acknowledgment timestamp (in UNIX Epoch local time) when the request was downloaded on the device</p> <p>Example: 1614561612126</p>
ackClientUtc	number	<p>The acknowledgment timestamp (in UNIX Epoch UTC) when the request was downloaded to the device</p> <p>Example: 1614560412126</p>
instruction	string	<p>The action instructions which are sent from device DFZ agent component</p> <p>This may be NULL</p> <p>Possible values:</p> <ul style="list-style-type: none"> • Remove • RemoveOnUnfreeze • ResetOfflineFreeze • Unfreeze
scheduledFreezeDateUTC	number	<p>The date and time (in UNIX Epoch) that a Scheduled Freeze request was scheduled to be performed</p> <p>Example: 1640995200</p>
configuration	object	<p>An object containing configuration information about the Freeze request</p>
messageName	string	<p>The user-defined name for the Freeze message</p> <p>Example: On-demand Freeze message</p>
htmlClear	string	<p>The user-defined, HTML coded message shown on the device when the Freeze is applied.</p> <p>This is the same as <code>configuration.freezeMessage</code> except it contains the HTML tags</p> <p>Example: <html><head><meta http-equiv="Content-Type" content="text/html; charset=UTF-8"></head><body><p style="font-size: small">This device has been frozen by ABC Company. Contact support for instructions on how to remove the Freeze from this device.</p></body></html></p>
passcodeClear	string	<p>The passcode that can be used to Unfreeze the device</p> <p>Example: 12345678</p>

Field	Data type	Description
passcodeOption	string	The type of passcode to unfreeze a device Possible values: <ul style="list-style-type: none"> • UserDefined: the passcode is manually set • RandomForEach: a unique passcode is randomly generated for each device • RandomForAll: the passcode is randomly generated and is the same for all devices
freezeMessage	string	The content of the Freeze message without the HTML tags This is the same as <code>configuration.htmlClear</code> except it doesn't contain the HTML tags Example: <i>This device has been frozen by ABC Company. Contact support for instructions on how to remove the Freeze from this device.</i>
freezeId	string	The user-friendly identifier of the request that is displayed in event history in the Secure Endpoint Console The same as <code>eventHistoryId</code> Example: <i>DeviceFreeze-0864</i>
configurationUid	string	The system-defined unique identifier assigned to the Freeze configuration Example: <i>c132d6aa-03b5-483d-89ab-77f45f7346cc</i>
action	string	The type of action being performed on the device Example: <i>DFZ</i>
type	string	The type of Freeze Possible values: <ul style="list-style-type: none"> • OnDemand: freezes a device on its next connection to the Absolute Monitoring Center, which is typically within 15 minutes • Scheduled: freezes a device on its next connection to the Absolute Monitoring Center on or after a specified date and time • Offline: freezes a device if it has been offline for a specified period of time
passcodeLength	integer	The length of the device unfreeze passcode when it is randomly generated Used when <code>option</code> is <i>RandomForEach</i> or <i>RandomForAll</i> Example: <i>8</i>
passcodeSalt	string	The salt used for hashing the passcode before the passcode is sent to the device Example: <i>P0efYkwaU0XWRqLeZI10gGIU4AnHXkr7hHwVARonzjSRpDk WuSK11c4MsNt0Jucl+WE3El/nuwbAGewXXU5bIQ==</i>

Field	Data type	Description
passcodeHashed	string	The hashed value of the passcode Example: +AGFLydUUMMScUFuuXSNITqvviMyjbduYg9VtzsHddFWseGmyJpwu8NF5HPuLlk0H+Vhux5z0yhYDhsf9UuXCg==
html	string	The encoded value of <code>configuration.htmlClear</code> Example: PGh0bWw+PGhlyWQ+PG1ldGEgaHR0cC1lcXVpdj0iQ29udGVudC1UeXBlliBjb250ZW50PSJ0ZXh0L2h0bWw7IGNoYXJzZXQ9VVRGLTgiPjwvaGVhZD5PbkRlbWFWuZDxicj48L2h0bWw+
disableRemoteLogin	boolean	Indicates whether remote login is disabled on the device <ul style="list-style-type: none"> true: Remote login is disabled false: Remote login is enabled
disableFileSharing	boolean	Indicates whether file sharing is disabled on the device <ul style="list-style-type: none"> true: File sharing is disabled false: File sharing is enabled
forceReboot	boolean	Previously, Windows devices required a reboot in order to completely freeze the device This setting is no longer used
conditions	array [object]	An array of objects, each object contains the conditions of the Freeze request The parameters included in the object depend on <code>configuration.type</code> An empty array when <code>configuration.type</code> is OnDemand
secondsUntilFreeze	integer	The amount of time (in seconds) a device can be offline before the device is frozen Included when <code>configuration.type</code> is Offline Example: 345600
scheduledFreezeDate	number	The date and time (in UTC) that a Scheduled Freeze request is scheduled to be performed Included when <code>configuration.type</code> is Scheduled Example: 2022-01-001T00:00:00.000+00:00
issuedUtc	number	The data and time (in UNIX Epoch) when the Freeze request was created Example: 2021-11-03T07:33:55.966+00:00
preLoginEnabled	boolean	Indicates whether prelogin is enabled on the device <ul style="list-style-type: none"> true: PreLogin is enabled false: PreLogin is disabled
serviceControlList	string	The list of service controls that the server sends to the device Example: FileZilla Server/sshd/FreeSSHDSservice/BvSshServer/KpyMTelnet SSH Server/OpenSSHServer

Field	Data type	Description
requester	string	The user id of the entity that created the Freeze request Example: tjordan@abccompany.com
requesterUid	string	The system-defined unique identifier of the entity that created the Freeze request Example: a4e45a0f-fd9d-4cdb-b8d9-0646d7d26c2e
customAttributes	object	Not currently used
createdUTC	integer	The date and time (in UNIX Epoch) that the Freeze request was created Example: 2021-11-03T07:33:56.004+00:00
changedUTC	integer	The date and time (in UNIX Epoch) that the Freeze request was last modified Example: 2021-11-03T07:33:55.966+00:00
notificationEmails	array [string]	An array of user-entered email addresses that will receive an email notification when the status of the Freeze request changes Supports up to 10 email addresses Example: "tjordan@abccompany.com" , "bsmith@abccompany.com"
eventHistoryId	string	The user-friendly identifier of the request that is displayed in event history in the Secure Endpoint Console This is the same as <code>freezeId</code> Example: DeviceFreeze-0864
policyGroupUid	string	The system-defined unique identifier of the policy group that the device belongs to This may be NULL
policyConfigurationVersion	integer	The version of configuration for the policy Example: 0
freezePolicyUid	string	The unique identifier of the Freeze policy This may be NULL
downloaded	boolean	Indicates whether the Freeze request has been downloaded to the device <ul style="list-style-type: none"> true: The Freeze request has been downloaded to the device false: The Freeze request hasn't been download to the device
isCurrent	boolean	Internal flag

Example GET /v2/device-freeze/requests/{requestUid} response body

```

1  [
2    {
3      "id": "41fea850-6316-470d-b8c8-6ed09a9fc934",
4      "accountUid": "e7a9fb73-44b0-4f5d-990b-39ff884425eb",
5      "actionRequestUid": "e416f97e-dc43-4ed0-88c3-b33ea66c660f",

```

Example GET /v2/device-freeze/requests/{requestUid} response body

```

6      "deviceUid": "56be8d1f-2eb8-4e9b-bbd6-1aab032abcde",
7      "name": "On-demand Freeze request",
8      "statuses": [
9          {
10             "actionUid": null,
11             "statusUid": "5336db35-ae66-435e-a29d-41ef2f10a86c",
12             "status": "Launching",
13             "messageKey": null,
14             "messageParams": null,
15             "message": null,
16             "updatedBy": "CTES",
17             "updatedUTC": "2021-11-03T07:33:55.966+00:00",
18             "triggerActionUid": null,
19             "eventType": null,
20             "ackClientTS": 1548265912126,
21             "ackClientUTC": 1548294712126,
22             "instruction": "",
23             "scheduledFreezeDateUTC": 0
24         },
25         {
26             "actionUid": null,
27             "statusUid": null,
28             "status": "FreezeRequested",
29             "messageKey": null,
30             "messageParams": null,
31             "message": null,
32             "updatedBy": "tjordan@abccompany.com",
33             "updatedUTC": 1548294707085,
34             "triggerActionUid": null,
35             "eventType": null,
36             "ackClientTS": 0,
37             "ackClientUTC": 0,
38             "instruction": null,
39             "scheduledFreezeDateUTC": 0
40         }
41     ],
42     "configuration": {
43         "messageName": "On-demand Freeze message",
44         "htmlClear": "<html><head><meta http-equiv='Content-Type'
content='text/html; charset=UTF-8'></head><body><p style='font-size: small'>This
device has been frozen by ABC Company. Contact support for instructions on how to
remove the Freeze from this device.</body></html>",
45         "passcodeClear": "12345678",
46         "passcodeOption": "RandomForEach",
47         "freezeMessage": "This device has been frozen by ABC Company. Contact
support for instructions on how to remove the freeze from this device."
48         "freezeId": "DeviceFreeze-0864",
49         "configurationUid": "c132d6aa-03b5-483d-89ab-77f45f7346cc",
50         "action": "DFZ",

```

Example GET /v2/device-freeze/requests/{requestUid} response body

```

51         "type": "OnDemand",
52         "passcodeLength": 8,
53         "passcodeSalt":
54         "P0efYkwaU0XWRqLeZI1OgGIU4AnHXkr7hHwVARonzjSRpDkWuSK11c4MsNt0JucI+WE3El/nuwbAGewXXU5bI
55         Q==",
56         "passcodeHashed":
57         "+AGFLydUUMMScUFuuXSNlTqvviMyjbdYg9VtZsHddFWseGmyJpWu8NF5HPuLlk0H+Vhux5z0yhYDhsf9UuXC
58         g==",
59         "html": null,
60         "disableRemoteLogin": true,
61         "disableFileSharing": true,
62         "forceReboot": false,
63         "conditions": [
64             {}
65         ],
66         "issuedUTC": "2021-11-03T07:33:55.966+00:00",
67         "preLoginEnabled": true
68         "serviceControlList": null
69     },
70     "requester": "tjordan@abccompany.com",
71     "requesterUid": "1abc2de3-fa45-67b8-9cde-0f12a34bc567"
72     "customAttributes": null
73     "createdUTC": "2021-11-03T07:33:56.004+00:00",
74     "changedUTC": "2021-11-03T07:33:55.966+00:00",
75     "notificationEmails": [
76         "tjordan@abccompany.com",
77         "bsmith@abccompany.com"
78     ],
79     "eventHistoryId": "DeviceFreeze-0864",
80     "policyGroupUid": null,
81     "policyConfigurationVersion": 0,
82     "freezePolicyUid": null,
83     "downloaded": false,
84     "isCurrent": true
85 }
86 ]

```

Errors

The following table lists the possible status codes and messages that may be returned when using this API:

GET /v2/device-freeze/requests/{requestUid} errors

Status code	Reason	Action
401 Unauthorized	The authentication failed	Verify the authentication and that the correct Token ID and Secret key were used.
404 Not Found	No Freeze request found with the request	Verify that the <code>requestUid</code> is correct.

Status code	Reason	Action
500 Internal Server Error	An internal server error occurred	If the error persists, contact Absolute Technical Support (www.absolute.com/en/support).

GET /v2/device-freeze/messages

The GET /v2/device-freeze/messages endpoint returns all of the Freeze messages that are configured for the account.

Request

Request header

The request header consists of the resource URL and the header parameters.

Header parameters

The [Authentication header parameters](#) are required.

Example GET /v2/device-freeze/messages request header

```
1 GET https://api.absolute.com/v2/device-freeze/messages
2 Host: api.absolute.com
3 Content-Type: application/json
4 X-Abs-Date: 20210924T202742Z
5 Authorization: ABS1-HMAC-SHA-256 Credential=8b2d6fe7-0819-49b7-b29b-
  f565189d5e95/20210924/cadc/abs1, SignedHeaders=host;content-type;x-abs-date,
  Signature=f84db5f4b00d1c8beca909fdaca6356546ea6fce8b82874132df13c920d4a2c5
```

Request body

The request body is an empty string.

Response

A successful request can return a status code of 200 (OK) or 204 (No Content).

200

When the account has existing Freeze messages, a successful request returns an HTTP status code of 200 (OK) and the response body.

Response header

Example GET /v2/device-freeze/messages response header

```
1 HTTP/1.1 200 OK
2 Content-Type: application/json;charset=UTF-8
```

Response body

This endpoint returns an array of objects, each object containing the details about a specific Freeze message. The following table describes the fields returned for each Freeze message:

GET /v2/device-freeze/messages response parameters

Parameter	Data-type	Description
id	string	The system-defined, unique identifier of the Freeze message Example: 3e149354-8719-441f-b74b-2026427cbfaf
name	string	The user-defined name for the Freeze message Example: On-demand Freeze message
content	string	The user-defined, HTML coded message that shows on a device when a Freeze is applied Example: <html><body>This device has been frozen by ABC Company. Contact support for instructions on how to remove the freeze from this device.</body></html>
createdBy	string	The username of the entity that created the Freeze message Example: tjordan@abccompany.com
changedBy	string	The username of the entity that last updated the Freeze message Example: bsmith@abccompany.com
createdUTC	string	The date and time when the Freeze message was created Example: 2020-11-26T22:29:17.687+00:00
changedUTC	string	The date and time when the Freeze message was last modified Example: 2020-12-14T09:14:52.148+00:00

Example GET /v2/device-freeze/messages response body for a status code of 200

```

1  [
2    {
3      "id": "3e149354-8719-441f-b74b-2026427cbfaf",
4      "name": "On-demand Freeze message",
5      "content": "<html><body>This device has been frozen by ABC Company. Contact
support for instructions on how to remove the freeze from this device.</body></html>",
6      "createdBy": "tjordan@abccompany.com",
7      "changedBy": "bsmith@abccompany.com",
8      "createdUTC": "2020-11-26T22:29:17.687+00:00",
9      "changedUTC": "2020-12-14T09:14:52.148+00:00"
10   },
11   {
12     "id": "04cc24cb-9e2c-4472-8ddf-97d3b81ec248",
13     "name": "Offline Freeze message",
14     "content": "<html><body>This device has been frozen by ABC Company. Contact
support for instructions on how to remove the freeze from this device.</body></html>",
15     "createdBy": "tjordan@abccompany.com",
16     "changedBy": "tjordan@abccompany.com",
17     "createdUTC": "2020-12-14T21:36:23.589+00:00",
18     "changedUTC": "2020-12-14T21:36:23.589+00:00"

```


Example GET /v2/device-freeze/messages response body for a status code of 200

```
19 |   }
20 | ]
```

204

When the account has no existing Freeze messages, a successful request returns an HTTP status code of 204 (No Content) and no response body.

Response header

Example GET /v2/device-freeze/messages response header for a status code of 204

```
1 | HTTP/1.1 204 No Content
```

To create Freeze messages for your account, use the [POST /v2/device-freeze/messages](#) endpoint.

Errors

The following table lists the possible status codes and messages that may be returned when using this API:

GET /v2/device-freeze/messages errors

Status code	Reason	Action
401 Unauthorized	The authentication failed.	Verify the authentication and that the correct Token ID and Secret key were used.
500 Internal Server Error	An internal server error occurred.	If the error persists, contact Absolute Technical Support (www.absolute.com/en/support).

GET /v2/device-freeze/messages/{messageUid}

The GET /v2/device-freeze/messages/{messageUid} endpoint retrieves a specific Freeze message for the given messageUid.

Request

Request header

The request header consists of the resource URL including the path parameter and the header parameters.

Path parameters

Use the following path parameter:

GET /v2/device-freeze/messages/{messageUid} path parameter

Parameter	Notes	Data-type	Description
messageUid	required	string	The system-defined, unique identifier of the Freeze message Example: 3e149354-8719-441f-b74b-2026427cbfaf You can use the GET /v2/device-freeze/messages endpoint to get the messageUid.

Header parameters

The [Authentication header parameters](#) are required.

Example GET /v2/device-freeze/messages/{messageUid} request header

```
1 GET https://api.absolute.com/v2/device-freeze/messages/3e149354-8719-441f-b74b-2026427cbfaf
2 Host: api.absolute.com
3 Content-Type: application/json
4 X-Abs-Date: 20210924T202742Z
5 Authorization: ABS1-HMAC-SHA-256 Credential=8b2d6fe7-0819-49b7-b29b-f565189d5e95/20210924/cadc/abs1, SignedHeaders=host;content-type;x-abs-date, Signature=f84db5f4b00d1c8beca909fdaca6356546ea6fce8b82874132df13c920d4a2c5
```

Request body

The request body is an empty string.

Response

A successful request returns an HTTP status code of 200 (OK) and the response body.

Response header

Example GET /v2/device-freeze/messages/{messageUid} response header

```
1 HTTP/1.1 200 OK
2 Content-Type: application/json; charset=UTF-8
```

Response body

This endpoint returns an object containing the details about a specific Freeze message. The following table describes the fields returned for the Freeze message:

GET /v2/device-freeze/messages/{messageUid} response parameters

Parameter	Data-type	Description
id	string	The system-defined, unique identifier of the Freeze message Example: 3e149354-8719-441f-b74b-2026427cbfaf
name	string	The user-defined name for the Freeze message Example: On-demand Freeze message
content	string	The user-defined, HTML coded message that shows on a device when a Freeze is applied Example: <html><body>This device has been frozen by ABC Company. Contact support for instructions on how to remove the freeze from this device.</body></html>
createdBy	string	The username of the entity that created the Freeze message Example: tjordan@abccompany.com
changedBy	string	The username of the entity that last updated the Freeze message Example: bsmith@abccompany.com

Parameter	Data-type	Description
createdUTC	string	The date and time when the Freeze message was created Example: 2020-11-26T22:29:17.687+00:00
changedUTC	string	The date and time when the Freeze message was last modified Example: 2020-12-14T09:14:52.148+00:00

Example GET /v2/device-freeze/messages/{messageUid} response body

```

1  {
2      "id": "3e149354-8719-441f-b74b-2026427cbfaf",
3      "name": "On-demand Freeze message",
4      "content": "<html><body>This device has been frozen by ABC Company. Contact
support for instructions on how to remove the freeze from this device.</body></html>",
5      "createdBy": "tjordan@abccompany.com",
6      "changedBy": "bsmith@abccompany.com",
7      "createdUTC": "2020-11-26T22:29:17.687+00:00",
8      "changedUTC": "2020-12-14T09:14:52.148+00:00"
9  }
```

Errors

The following table lists the possible status codes and messages that may be returned when using this endpoint.

GET /v2/device-freeze/messages/{messageUid} errors

Status code	Reason	Action
401 Unauthorized	The authentication failed.	Verify the authentication and that the correct Token ID and Secret key were used.
404 Not Found	No device freeze message found with the message UID '<messageUid>'.	Verify that the messageUid is correct.
500 Internal Server Error	An internal server error occurred.	If the error persists, contact Absolute Technical Support (www.absolute.com/en/support).

POST /v2/device-freeze/messages

The POST /v2/device-freeze/messages endpoint creates a new Freeze message for the account.

Request

Request header

The request header consists of the resource URL and the header parameters.

Header parameters

The [Authentication header parameters](#) are required.

Example POST /v2/device-freeze/messages request header

```
1 POST https://api.absolute.com/v2/device-freeze/messages
2 Host: api.absolute.com
3 Content-Type: application/json
4 X-Abs-Date: 20210924T202742Z
5 Authorization: ABS1-HMAC-SHA-256 Credential=8b2d6fe7-0819-49b7-b29b-
  f565189d5e95/20210924/cadc/abs1, SignedHeaders=host;content-type;x-abs-date,
  Signature=f84db5f4b00d1c8beca909fdaca6356546ea6fce8b82874132df13c920d4a2c5
```

Request body

The endpoint accepts a JSON-formatted object in the request body, the object represents a new Freeze message. The following table describes the parameters defined in the request body.

POST /v2/device-freeze/messages request parameters

Parameter	Notes	Data type	Description
name	required	string	The user-defined name for the Device Freeze message Between 1 and 255 characters Example: <i>On-demand Device Freeze message</i>
content	required	string	The user-defined, HTML coded message that shows on a device when a Device Freeze is applied Between 1 and 4000 characters <div>NOTE The system validates message content and automatically removes any HTML tags and attributes that may expose Absolute servers or agents to injection attacks, such as cross site scripting (XSS). Example: <i><html><body>This device has been frozen by ABC Company. Contact support for instructions on how to remove the freeze from this device.</body></html></i></div>

Example POST /v2/device-freeze/messages request body

```
1 {
2   "name": "On-demand Freeze message",
3   "content": "<html><body>This device has been frozen by ABC Company. Contact
  support for instructions on how to remove the freeze from this device.</body></html>"
4 }
```

Response

A successful request returns an HTTP status code of 200 (OK) and the response body.

Example POST /v2/device-freeze/messages response header

```
1 HTTP/1.1 200 OK
2 Content-Type: application/json; charset=UTF-8
```

Response body

This endpoint returns an object containing the details about the new Freeze message. The following table describes the field returned for the request:

POST /v2/device-freeze/messages response parameters

Parameter	Data-type	Description
id	string	The system-defined, unique identifier of the Freeze message Example: 3e149354-8719-441f-b74b-2026427cbfaf

Example POST /v2/device-freeze/messages response

```

1  {
2      "id": "3e149354-8719-441f-b74b-2026427cbfaf"
3  }
```

Errors

The following table lists the possible status codes and messages that may be returned when using this API.

POST /v2/device-freeze/messages errors

Status code	Reason	Action
400 Bad Request	The message that appears depends on the error. An error may occur for any of the following reasons: <ul style="list-style-type: none"> The body of the Request is empty. The name of the message is empty or has more than 255 characters. The content of the message is empty or has more than 4000 characters. 	Verify that the value for each key meets the criteria in the request body.
401 Unauthorized	The authentication failed.	Verify the authentication and that the correct Token ID and Secret key were used.
500 Internal Server Error	An internal server error occurred.	If the error persists, contact Absolute Technical Support (www.absolute.com/en/support).

PUT /v2/device-freeze/messages/{messageUid}

The PUT /v2/device-freeze/messages/{messageUid} endpoint updates the content of an existing Freeze message.

Request

Request header

The request header consists of the resource URL including the path parameter and the header parameters.

Path parameters

Use the following path parameter:

PUT /v2/device-freeze/messages/{messageUid} path parameter

Parameter	Notes	Data-type	Description
messageUid	required	string	The system-defined, unique identifier of the Freeze message Example: 3e149354-8719-441f-b74b-2026427cbfaf Use one of the following endpoint to get the messageUid: <ul style="list-style-type: none"> GET /v2/device-freeze/messages POST /v2/device-freeze/messages

Header parameters

The [Authentication header parameters](#) are required.

Example PUT /v2/device-freeze/messages/{messageUid} request header

```

1 PUT https://api.absolute.com/v2/device-freeze/messages/3e149354-8719-441f-b74b-
  2026427cbfaf
2 Host: api.absolute.com
3 Content-Type: application/json
4 X-Abs-Date: 20210924T202742Z
5 Authorization: ABS1-HMAC-SHA-256 Credential=8b2d6fe7-0819-49b7-b29b-
  f565189d5e95/20210924/cadc/abs1, SignedHeaders=host;content-type;x-abs-date,
  Signature=f84db5f4b00d1c8beca909fdaca6356546ea6fce8b82874132df13c920d4a2c5

```

Request body

The endpoint accepts a JSON-formatted object in the request body, the object represents the message specified in messageUid. The following table describes the parameters defined in the request body:

PUT /v2/device-freeze/messages/{messageUid} request parameters

Parameter	Notes	Data type	Description
name	required	string	The user-defined name for the Device Freeze message Between 1 and 255 characters Example: On-demand Device Freeze message
content	required	string	The user-defined, HTML coded message that shows on a device when a Device Freeze is applied Between 1 and 4000 characters <div> <p>NOTE The system validates message content and automatically removes any HTML tags and attributes that may expose Absolute servers or agents to injection attacks, such as cross site scripting (XSS).</p> <p>Example: <html><body>This device has been frozen by ABC Company. Contact support for instructions on how to remove the freeze from this device.</body></html></p> </div>

Example PUT /v2/device-freeze/messages/{messageUid} request body

```
1 {  
2   "name": "On-demand Freeze message",  
3   "content": "<html><body>This device has been frozen by ABC Company. Contact  
support for instructions on how to remove the freeze from this device.</body></html>"  
4 }
```

Response

A successful request returns an HTTP status code of 200 (OK) with no content.

Example PUT /v2/device-freeze/messages/{messageUid} response header

```
1 HTTP/1.1 200 OK  
2 Content-Type: application/json; charset=UTF-8
```

Errors

The following table lists the possible status codes and messages that may be returned when using this API.

PUT /v2/device-freeze/messages/{messageUid} errors

Status code	Reason	Action
400 Bad Request	The device freeze message name cannot be empty. The name of the message must be less than 255 characters.	Verify that <code>name</code> has between 1 and 255 characters.
400 Bad Request	The device freeze message content cannot be empty. The device freeze message content must be less than 4000 characters.	Verify that <code>message</code> has between 1 and 4000 characters.
401 Unauthorized	The authentication failed.	Verify the authentication and that the correct Token ID and Secret key were used.
401 Unauthorized	The message <code><messageUid></code> does not belong to the account <code><account ID></code> .	The <code>messageUid</code> is valid but the account is cannot access it. Verify the permissions of the account.
404 Not Found	No device freeze message found with the message UID ' <code><messageUid></code> '.	Verify that the <code>messageUid</code> is correct.
500 Internal Server Error	An internal server error occurred.	If the error persists, contact Absolute Technical Support (www.absolute.com/en/support).

DELETE /v2/device-freeze/messages/{messageUid}

The DELETE /v2/device-freeze/messages/{messageUid} endpoint deletes an existing Freeze message for the account.

Request

Request header

The request header consists of the resource URL including the path parameter and the header parameters.

Path parameters

Use the following path parameter:

DELETE /v2/device-freeze/messages/{messageUid} path parameter

Parameter	Notes	Data-type	Description
messageUid	required	string	The system-defined, unique identifier of the Freeze message Example: 3e149354-8719-441f-b74b-2026427cbfaf You can use the GET /v2/device-freeze/messages endpoint to get the messageUid.

Header parameters

The [Authentication header parameters](#) are required.

Example DELETE /v2/device-freeze/messages/{messageUid} request header

```
1 | DELETE https://api.absolute.com/v2/device-freeze/messages/3e149354-8719-441f-b74b-2026427cbfaf
2 | Host: api.absolute.com
3 | Content-Type: application/json
4 | X-Abs-Date: 20210924T202742Z
5 | Authorization: ABS1-HMAC-SHA-256 Credential=8b2d6fe7-0819-49b7-b29b-f565189d5e95/20210924/cadc/abs1, SignedHeaders=host;content-type;x-abs-date, Signature=f84db5f4b00d1c8beca909fdaca6356546ea6fce8b82874132df13c920d4a2c5
```

Request body

The request body is an empty string.

Response

A successful request returns an HTTP status code of 204 (No Content).

Example DELETE /v2/device-freeze/messages/{messageUid} response header

```
1 | HTTP/1.1 204 No Content
```


Errors

The following table lists the possible status codes and messages that may be returned when using this API.

DELETE /v2/device-freeze/messages/{messageUid} errors

Status code	Reason	Action
401 Unauthorized	The authentication failed.	Verify the authentication and that the correct Token ID and Secret key were used.
404 Not Found	No device freeze message found with the message UID '<messageUid>'.	There is no Freeze message for the account. Verify that the messageUid is correct.
500 Internal Server Error	An internal server error occurred.	If the error persists, contact Absolute Technical Support (www.absolute.com/en/support).

Retrieving the deviceUid

In order to get the deviceUid to us in the `POST /v2/device-freeze/requests` and `PUT /v2/device-freeze/requests` endpoints, you can use the [Device Report API](#).

To get the deviceUid for a specific device, log in to the Secure Endpoint Console and get the device's *Identifier*.

You can use the *Identifier* in a query parameter for the Device Report `GET /v2/reporting/devices` endpoint. Use the following query parameter as part of your request:

```
1 | %24filter=esn%20eq%20%27{Identifier}%27&%24select=id
```

where **{Identifier}** is the device *Identifier* from the Secure Endpoint Console and **id** is the deviceUid.