



Manage cluster software history

REST API reference

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Manage cluster software history

Manage cluster software history

Overview

You can use this API to retrieve the history details for software installation requests.

Examples

Retrieving software installation history information

The following example shows how to:

- Retrieve the software package installation history information.
- Display specific node level software installation history information.
- Provide all the attributes by default in response when the self referential link is not present.

```
# The API:  
/api/cluster/software/history  
  
# The call:  
curl -X GET "https://<mgmt-ip>/api/cluster/software/history" -H "accept:  
application/hal+json"  
  
# The response:  
{  
  "node": {  
    "uuid": "58cd3a2b-af63-11e8-8b0d-0050568e7279",  
    "name": "sti70-vsimg-ucs165n",  
    "_links": {  
      "self": {  
        "href": "/api/cluster/nodes/58cd3a2b-af63-11e8-8b0d-0050568e7279"  
      }  
    }  
  },  
  "start_time": "2018-09-03T16:18:46+05:30",  
  "state": "successful",  
  "from_version": "9.4.0",  
  "to_version": "9.5.0",  
  "end_time": "2018-05-21T10:14:51+05:30"  
}
```

Learn more

- [DOC /cluster/software/history](#)

Retrieve software installation requests history details

GET /cluster/software/history

Introduced In: 9.6

Retrieves the history details for software installation requests.

Related ONTAP commands

- `cluster image show-update-history`

Learn more

- [DOC /cluster/software/history](#)

Parameters

Name	Type	In	Required	Description
node.name	string	query	False	Filter by node.name <ul style="list-style-type: none">• Introduced in: 9.7
node.uuid	string	query	False	Filter by node.uuid <ul style="list-style-type: none">• Introduced in: 9.7
start_time	string	query	False	Filter by start_time <ul style="list-style-type: none">• Introduced in: 9.7
from_version	string	query	False	Filter by from_version <ul style="list-style-type: none">• Introduced in: 9.7
end_time	string	query	False	Filter by end_time <ul style="list-style-type: none">• Introduced in: 9.7

Name	Type	In	Required	Description
to_version	string	query	False	Filter by to_version <ul style="list-style-type: none"> • Introduced in: 9.7
state	string	query	False	Filter by state <ul style="list-style-type: none"> • Introduced in: 9.7
fields	array[string]	query	False	Specify the fields to return.
max_records	integer	query	False	Limit the number of records returned.
return_records	boolean	query	False	The default is true for GET calls. When set to false, only the number of records is returned. <ul style="list-style-type: none"> • Default value: 1
return_timeout	integer	query	False	The number of seconds to allow the call to execute before returning. When iterating over a collection, the default is 15 seconds. ONTAP returns earlier if either max records or the end of the collection is reached. <ul style="list-style-type: none"> • Default value: 15 • Max value: 120 • Min value: 0
order_by	array[string]	query	False	Order results by specified fields and optional [asc]

Response

Status: 200, Ok

Name	Type	Description
_links	_links	
num_records	integer	Number of records
records	array[software_history]	

Example response

```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "num_records": 1,
  "records": [
    {
      "end_time": "2019-02-02 20:00:00 +0000",
      "from_version": "ONTAP_X1",
      "node": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "node1",
        "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
      },
      "start_time": "2019-02-02 19:00:00 +0000",
      "state": "successful",
      "to_version": "ONTAP_X2"
    }
  ]
}
```

Error

Status: Default, Error

Name	Type	Description
error	returned_error	

Example error

```
{
  "error": {
    "arguments": [
      {
        "code": "string",
        "message": "string"
      }
    ],
    "code": "4",
    "message": "entry doesn't exist",
    "target": "uuid"
  }
}
```

Definitions

See Definitions

href

Name	Type	Description
href	string	

_links

Name	Type	Description
next	href	
self	href	

_links

Name	Type	Description
self	href	

node

Name	Type	Description
_links	_links	
name	string	
uuid	string	

software_history

Name	Type	Description
end_time	string	Completion time of this installation request.
from_version	string	Previous version of node <ul style="list-style-type: none">example: ONTAP_X1readOnly: 1Introduced in: 9.7x-nullable: true
node	node	
start_time	string	Start time of this installation request.
state	string	Status of this installation request.

Name	Type	Description
to_version	string	<p>Updated version of node</p> <ul style="list-style-type: none"> • example: ONTAP_X2 • readOnly: 1 • Introduced in: 9.7 • x-nullable: true

error_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

returned_error

Name	Type	Description
arguments	array[error_arguments]	Message arguments
code	string	Error code
message	string	Error message
target	string	The target parameter that caused the error.

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