



Manage JIT privilege user configurations

REST API reference

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Table of Contents

- Manage JIT privilege user configurations 1
 - Manage JIT privilege user configurations 1
 - Overview 1
 - Examples 1
 - Retrieve the JIT privilege user configurations for an SVM 2
 - Related ONTAP commands 3
 - Parameters 3
 - Response 4
 - Error 6
 - Definitions 6
 - Create JIT privilege user configurations for an SVM 9
 - Required properties 9
 - Related ONTAP commands 9
 - Parameters 9
 - Request Body 9
 - Response 11
 - Error 12
 - Definitions 12

Manage JIT privilege user configurations

Manage JIT privilege user configurations

Overview

This API is used to create, retrieve, and delete relevant information related to user-specific JIT privilege session configurations. Prerequisites: You must create a user that has a JIT supported login method configured on the SVM that you want to create the elevated session configurations.

Examples

Creating the JIT session configuration for a user

```
# The API:
POST "/api/security/jit-privilege-users"

# The call:
curl -X POST "https://<mgmt-ip>/api/security/jit-privilege-
users?return_records=true" -H "accept: application/hal+json" -d '{
"owner": { "name": "Cserver" } , "account": { "name": "joe"},
"application": "ssh","role": {"name": "admin"},"session_validity":
"PT30M","jit_validity": "PT2H10M20S"}'

# The response:
{}
```

Retrieving the configured JIT privilege sessions for users

Retrieves the JIT privilege user session configurations or a filtered list (for a specific SVM, user, etc).

```

# The API:
GET "/api/security/jit-privilege-users"

# The call:
curl -X GET "https://<mgmt-ip>/api/security/jit-privilege-users" -H
"accept: application/hal+json"

# The response:
{
  "records": [
    {
      "owner": {
        "uuid": "b009a9e7-4081-b576-7575-ada21efcaf16",
        "name": "Cserver",
        "_links": {
          "self": {
            "href": "/api/svm/svms/b009a9e7-4081-b576-7575-ada21efcaf16"
          }
        }
      },
      "account": {
        "name": "testUser"
      },
      "application": "ssh",
      "_links": {
        "self": {
          "href": "/api/security/jit-privilege-users/b009a9e7-4081-b576-7575-ada21efcaf16/testUser/ssh"
        }
      }
    }
  ],
  "num_records": 1,
  "_links": {
    "self": {
      "href": "/api/security/jit-privilege-users"
    }
  }
}

```

Retrieve the JIT privilege user configurations for an SVM

GET /security/jit-privilege-users

Introduced In: 9.17

Retrieves the JIT privilege user configurations for an SVM.

Related ONTAP commands

- `security jit-privilege user show`

Parameters

Name	Type	In	Required	Description
start_time	string	query	False	Filter by start_time
end_time	string	query	False	Filter by end_time
account.name	string	query	False	Filter by account.name
session_validity	string	query	False	Filter by session_validity
comment	string	query	False	Filter by comment
application	string	query	False	Filter by application
owner.name	string	query	False	Filter by owner.name
owner.uuid	string	query	False	Filter by owner.uuid
jit_state	string	query	False	Filter by jit_state
role.name	string	query	False	Filter by role.name
jit_validity	string	query	False	Filter by jit_validity
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

Name	Type	In	Required	Description
return_timeout	integer	query	False	<p>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.</p> <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
desc] direction. Default direction is 'asc' for ascending.	fields	array[string]	query	False

Response

Status: 200, Ok

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

Example response

```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "num_records": 1,
  "records": [
    {
      "account": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "joe.smith"
      },
      "application": "string",
      "comment": "Comment text",
      "end_time": "2024-11-08 06:15:31 -0500",
      "jit_state": "active",
      "jit_validity": "P90D",
      "owner": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "svml",
        "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
      },
      "role": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "admin"
      },
      "session_validity": "PT1H",
      "start_time": "2024-11-08 05:15:31 -0500"
    }
  ]
}
```

```
}  
]  
}
```

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	

account_reference

The name of the user.

Name	Type	Description
_links	_links	
name	string	User account

owner

Owner name and UUID that uniquely identifies the JIT settings for a user.

Name	Type	Description
_links	_links	
name	string	The name of the SVM. This field cannot be specified in a PATCH method.
uuid	string	The unique identifier of the SVM. This field cannot be specified in a PATCH method.

role

The role the user will be elevated to.

Name	Type	Description
_links	_links	
name	string	Role name

security_jit_privilege_user

Name	Type	Description
account	account_reference	The name of the user.
application	string	The name of the application.
comment	string	The description of the elevation rule.
end_time	string	The end date and time of the JIT privilege session in UTC.
jit_state	string	The current status of the rule: preactive, idle, or active.
jit_validity	string	The JIT validity period on this SVM for this user.
owner	owner	Owner name and UUID that uniquely identifies the JIT settings for a user.
role	role	The role the user will be elevated to.
session_validity	string	The session validity period on this SVM for this user.
start_time	string	The start date and time of the JIT privilege session in UTC.

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.

Create JIT privilege user configurations for an SVM

POST /security/jit-privilege-users

Introduced In: 9.17

Creates the JIT privilege user configurations for an SVM.

Required properties

- `owner.uuid` - Account owner UUID.
- `account.name` - User name.
- `application` - Application

Related ONTAP commands

- `security jit-privilege user create`

Parameters

Name	Type	In	Required	Description
return_records	boolean	query	False	The default is false. If set to true, the records are returned. • Default value:

Request Body

Name	Type	Description
account	account_reference	The name of the user.

Name	Type	Description
application	string	The name of the application.
comment	string	The description of the elevation rule.
end_time	string	The end date and time of the JIT privilege session in UTC.
jit_state	string	The current status of the rule: preactive, idle, or active.
jit_validity	string	The JIT validity period on this SVM for this user.
owner	owner	Owner name and UUID that uniquely identifies the JIT settings for a user.
role	role	The role the user will be elevated to.
session_validity	string	The session validity period on this SVM for this user.
start_time	string	The start date and time of the JIT privilege session in UTC.

Example request

```
{
  "account": {
    "name": "joe.smith"
  },
  "application": "string",
  "comment": "Comment text",
  "end_time": "2024-11-08 06:15:31 -0500",
  "jit_state": "active",
  "jit_validity": "P90D",
  "owner": {
    "name": "svml",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  },
  "role": {
    "name": "admin"
  },
  "session_validity": "PT1H",
  "start_time": "2024-11-08 05:15:31 -0500"
}
```

Response

Status: 201, Created

Name	Type	Description
num_records	integer	Number of records.
records	array[security_jit_privilege_user]	

Example response

```
{
  "num_records": 1,
  "records": [
    {
      "account": {
        "name": "joe.smith"
      },
      "application": "string",
      "comment": "Comment text",
      "end_time": "2024-11-08 06:15:31 -0500",
      "jit_state": "active",
      "jit_validity": "P90D",
      "owner": {
        "name": "svml",
        "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
      },
      "role": {
        "name": "admin"
      },
      "session_validity": "PT1H",
      "start_time": "2024-11-08 05:15:31 -0500"
    }
  ]
}
```

Headers

Name	Description	Type
Location	Useful for tracking the resource location	string

Error

Status: Default, Error

Definitions

See Definitions

href

Name	Type	Description
href	string	

_links

account_reference

The name of the user.

Name	Type	Description
name	string	User account

owner

Owner name and UUID that uniquely identifies the JIT settings for a user.

Name	Type	Description
name	string	The name of the SVM. This field cannot be specified in a PATCH method.
uuid	string	The unique identifier of the SVM. This field cannot be specified in a PATCH method.

role

The role the user will be elevated to.

Name	Type	Description
name	string	Role name

security_jit_privilege_user

Name	Type	Description
account	account_reference	The name of the user.
application	string	The name of the application.
comment	string	The description of the elevation rule.

Name	Type	Description
end_time	string	The end date and time of the JIT privilege session in UTC.
jit_state	string	The current status of the rule: preactive, idle, or active.
jit_validity	string	The JIT validity period on this SVM for this user.
owner	owner	Owner name and UUID that uniquely identifies the JIT settings for a user.
role	role	The role the user will be elevated to.
session_validity	string	The session validity period on this SVM for this user.
start_time	string	The start date and time of the JIT privilege session in UTC.

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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