Manage CIFS DC configuration

REST API reference

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Overview

You can use this API to display a CIFS domain preferred DC configuration of an SVM.

Retrieving all CIFS domain preferred DC configurations of an SVM

The CIFS domain preferred DC GET endpoint retrieves all the configurations for a specific SVM.

Examples

Retrieving all the fields of all CIFS domain preferred DC configurations of an SVM

```
# The API:
GET /api/protocols/cifs/domains/{svm.uuid}/preferred-domain-controllers

# The call:
curl -X GET "https://<mgmt-ip>/api/protocols/cifs/domains/1226670c-abc9-
11eb-8de3-0050568eb0c4/preferred-domain-controllers/?fields=*" -H "accept:
application/json"

# The response:
{
 "records": [
{
  "svm": {
    "uuid": "1226670c-abc9-11eb-8de3-0050568eb0c4",
    "name": "svm1"
  },
  "fqdn": "host1",
  "server_ip": "4.4.4.4"
},
{
  "svm": {
    "uuid": "1226670c-abc9-11eb-8de3-0050568eb0c4",
    "name": "svm1"
  },
  "fqdn": "host2",
  "server_ip": "11.11.11.11"
}
],
 "num_records": 2
}
```

Retrieving the CIFS domain preferred DC configuration of a specific SVM, "fqdn" and "server_ip"

```
# The API:
GET /api/protocols/cifs/domains/{svm.uuid}/preferred-domain-
controllers/{fqdn}/{server_ip}

# The call:
curl -X GET "https://<mgmt-ip>/api/protocols/cifs/domains/1226670c-abc9-
11eb-8de3-0050568eb0c4/preferred-domain-controllers/host1/4.4.4.4" -H
"accept: application/json"

# The response:
{
"svm": {
  "uuid": "1226670c-abc9-11eb-8de3-0050568eb0c4",
  "name": "svm1"
},
"fqdn": "host1",
"server_ip": "4.4.4.4"
}
```

Creating a new CIFS domain preferred DC configuration

The CIFS domain preferred DC POST endpoint creates a new configuration. Both bulk and instance POST is supported.

Examples

Creating a single CIFS domain preferred DC configuration

```
# The API:
POST /api/protocols/cifs/domains/{svm.uuid}/preferred-domain-controllers

# The call:
curl -X POST "https://<mgmt-ip>/api/protocols/cifs/domains/1226670c-abc9-
11eb-8de3-0050568eb0c4/preferred-domain-
controllers?skip_config_validation=true&return_records=false" -H "accept:
application/json" -H "Content-Type: application/json" -d "{ \"fqdn\":
\"testing.com\", \"server_ip\": \"1.1.1.1\"}"
```

Deleting an existing CIFS domain preferred DC configuration

The CIFS domain preferred DC DELETE endpoint deletes an existing configuration. Both bulk and instance delete is supported.

Examples

Deleting the CIFS domain preferred DC configuration of a specific SVM, "fqdn" and "server_ip"

```
# The API:
DELETE /api/protocols/cifs/domains/{svm.uuid}/preferred-domain-
controllers/{fqdn}/{server_ip}

# The call:
curl -X DELETE "https://<mgmt-ip>/api/protocols/cifs/domains/1226670c-
abc9-11eb-8de3-0050568eb0c4/preferred-domain-controllers/sample/4.4.4.4"
```

```
### Deleting the CIFS domain preferred DC configurations of a specific SVM
and "fqdn"
```

```
# The API:
DELETE /api/protocols/cifs/domains/{svm.uuid}/preferred-domain-controllers

# The call:
curl -X DELETE "https://<mgmt-ip>/api/protocols/cifs/domains/1226670c-
abc9-11eb-8de3-0050568eb0c4/preferred-domain-controllers/?fqdn=sampl"
```

Deleting all CIFS domain preferred DC configurations of a specific SVM

```
# The API:
DELETE /api/protocols/cifs/domains/{svm.uuid}/preferred-domain-controllers

# The call:
curl -X DELETE "https://<mgmt-ip>/api/protocols/cifs/domains/1226670c-
abc9-11eb-8de3-0050568eb0c4/preferred-domain-controllers/?fqdn=*"
```

Deleting the CIFS domain preferred DC configurations of a specific SVM, "fqdn" and set of "server_ips"

```
# The API:
DELETE /api/protocols/cifs/domains/{svm.uuid}/preferred-domain-controllers

# The call:
curl -X DELETE "https://<mgmt-ip>/api/protocols/cifs/domains/1226670c-
abc9-11eb-8de3-0050568eb0c4/preferred-domain-
controllers/?fqdn=sample&server_ip=3.3.3.3&#124;4.4.4.4&#124;1.1.1.1&#124;
2.2.2.2"
```

Deleting the CIFS domain preferred DC configurations of a specific SVM and set of "server_ips"

```
# The API:
DELETE /api/protocols/cifs/domains/{svm.uuid}/preferred-domain-controllers

# The call:
curl -X DELETE "https://<mgmt-ip>/api/protocols/cifs/domains/1226670c-
abc9-11eb-8de3-0050568eb0c4/preferred-domain-
controllers/?server_ip=3.3.3.3&#124;4.4.4.4&#124;1.1.1.1&#124;2.2.2.2"
```

Retrieve the CIFS domain preferred DC configuration for an SVM

GET `/protocols/cifs/domains/{svm.uuid}/preferred-domain-controllers`

Introduced In: 9.10

Retrieves the CIFS domain preferred DC configuration of an SVM.

Related ONTAP commands

- `vserver cifs domain preferred-dc show`
- `vserver cifs domain preferred-dc check`

Learn more

- DOC /protocols/cifs/domains/{svm.uuid}/preferred-domain-controllers

Parameters

Name	Type	In	Required	Description
need_status	boolean	query	False	Retrieves the status of the preferred DCs. • Default value: • Introduced in: 9.12
svm.name	string	query	False	Filter by svm.name • Introduced in: 9.16
server_ip	string	query	False	Filter by server_ip
status.details	string	query	False	Filter by status.details • Introduced in: 9.12
status.reachable	boolean	query	False	Filter by status.reachable • Introduced in: 9.12
fqdn	string	query	False	Filter by fqdn
svm.uuid	string	path	True	UUID of the SVM to which this object belongs.

Name	Type	In	Required	Description
fields	array[string]	query	False	Specify the fields to return.
return_records	boolean	query	False	The default is true for GET calls. When set to false, only the number of records is returned. • 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. • Default value: 15 • Max value: 120 • Min value: 0
max_records	integer	query	False	Limit the number of records returned.
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 CIFS preferred domain controller records.

Name	Type	Description
records	array[cifs_domain_preferred_dc]	

Example response


```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "num_records": 1,
  "records": [
    {
      "fqdn": "test.com",
      "server_ip": "4.4.4.4",
      "status": {
        "details": "Response time (msec): 111",
        "reachable": 1
      },
      "svm": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "svm1",
        "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
      }
    }
  ]
}
```


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	

status

Status of CIFS preferred domain controller.

Name	Type	Description
details	string	Provides a detailed description of the state if the state is 'down' or the response time of the DNS server if the state is 'up'.
reachable	boolean	Indicates whether or not the domain controller is reachable.

_links

Name	Type	Description
self	href	

svm

SVM, applies only to SVM-scoped objects.

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.

cifs_domain_preferred_dc

Name	Type	Description
fqdn	string	Fully Qualified Domain Name.
server_ip	string	IP address of the preferred domain controller (DC). The address can be either an IPv4 or an IPv6 address.
status	status	Status of CIFS preferred domain controller.
svm	svm	SVM, applies only to SVM-scoped objects.

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 the CIFS domain preferred DC configuration for an SVM

POST `/protocols/cifs/domains/{svm.uuid}/preferred-domain-controllers`

Introduced In: 9.10

Creates a CIFS preferred DC configuration for an SVM.

Important notes

- In the case of bulk POST requests, the create operation should be performed serially since there can be interdependence between records. In order to avoid issues, it is advisable to always use the query parameter "serial_records=true".

Required properties

- `svm.uuid` - Existing SVM in which to create the preferred-dc.
- `domain` - Fully Qualified Domain Name.
- `server_ip` - IPv4/IPv6 address of the Preferred Domain Controller.

The following parameters are optional:

- skip_config_validation

Related ONTAP commands

- `vserver cifs domain preferred-dc add`

Learn more

- DOC /protocols/cifs/domains/{svm.uuid}/preferred-domain-controllers

Parameters

Name	Type	In	Required	Description
skip_config_validation	boolean	query	False	Skip the validation of the specified preferred DC configuration. • Default value:
return_records	boolean	query	False	The default is false. If set to true, the records are returned. • Default value:
svm.uuid	string	path	True	UUID of the SVM to which this object belongs.

Request Body

Name	Type	Description
fqdn	string	Fully Qualified Domain Name.
server_ip	string	IP address of the preferred domain controller (DC). The address can be either an IPv4 or an IPv6 address.
status	status	Status of CIFS preferred domain controller.
svm	svm	SVM, applies only to SVM-scoped objects.

Example request

```
{
  "fqdn": "test.com",
  "server_ip": "4.4.4.4",
  "status": {
    "details": "Response time (msec): 111",
    "reachable": 1
  },
  "svm": {
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  }
}
```

Response

```
Status: 201, Created
```

Name	Type	Description
fqdn	string	Fully Qualified Domain Name.
server_ip	string	IP address of the preferred domain controller (DC). The address can be either an IPv4 or an IPv6 address.

Name	Type	Description
status	status	Status of CIFS preferred domain controller.
svm	svm	SVM, applies only to SVM-scoped objects.

Example response


```
{
  "fqdn": "test.com",
  "server_ip": "4.4.4.4",
  "status": {
    "details": "Response time (msec): 111",
    "reachable": 1
  },
  "svm": {
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  }
}
```


Headers

Name	Description	Type
Location	Useful for tracking the resource location	string

Error

```
Status: Default
```

ONTAP Error Response Codes

Error Code	Description
2621516	Only data SVMs allowed.
655918	The fully qualified domain name cannot be longer than 254 bytes.
656408	RPC failure occurred during the CIFS preferred-dc configuration validation.

Error Code	Description
656407	Failed to validate CIFS preferred-dc for domain. Reason: Configuration not found at SecD. Contact technical support for assistance.
655366	Invalid domain controller.
655506	Failed to add preferred-dc.

Definitions

See Definitions

status

Status of CIFS preferred domain controller.

Name	Type	Description
details	string	Provides a detailed description of the state if the state is 'down' or the response time of the DNS server if the state is 'up'.
reachable	boolean	Indicates whether or not the domain controller is reachable.

href

Name	Type	Description
href	string	

_links

svm

SVM, applies only to SVM-scoped objects.

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.

cifs_domain_preferred_dc

Name	Type	Description
fqdn	string	Fully Qualified Domain Name.
server_ip	string	IP address of the preferred domain controller (DC). The address can be either an IPv4 or an IPv6 address.

Name	Type	Description
status	status	Status of CIFS preferred domain controller.
svm	svm	SVM, applies only to SVM-scoped objects.

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.

Delete the CIFS domain preferred DC configuration for an SVM and domain

DELETE `/protocols/cifs/domains/{svm.uuid}/preferred-domain-controllers/{fqdn}/{server_ip}`

Introduced In: 9.10

Deletes the CIFS domain preferred DC configuration of the specified SVM and domain.

Related ONTAP commands

- `vserver cifs domain preferred-dc delete`

Learn more

- DOC /protocols/cifs/domains/{svm.uuid}/preferred-domain-controllers

Parameters

Name	Type	In	Required	Description
fqdn	string	path	True	Fully Qualified Domain Name
server_ip	string	path	True	Domain Controller IP address
svm.uuid	string	path	True	UUID of the SVM to which this object belongs.

Response

```
Status: 200, Ok
```

Error

```
Status: Default
```

ONTAP Error Response Codes

Error Code	Description
655507	Failed to remove preferred-dc.

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

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.

Retrieve the CIFS domain preferred DC configuration for an SVM and domain

GET `/protocols/cifs/domains/{svm.uuid}/preferred-domain-controllers/{fqdn}/{server_ip}`

Introduced In: 9.10

Retrieves the CIFS domain preferred DC configuration of an SVM.

Related ONTAP commands

- `vserver cifs domain preferred-dc show`
- `vserver cifs domain preferred-dc check`

Learn more

- DOC /protocols/cifs/domains/{svm.uuid}/preferred-domain-controllers

Parameters

Name	Type	In	Required	Description
fqdn	string	path	True	Fully Qualified Domain Name
server_ip	string	path	True	Domain Controller IP address
need_status	boolean	query	False	Retrieves the status of the specified preferred DC. • Introduced in: 9.12 • Default value:
svm.uuid	string	path	True	UUID of the SVM to which this object belongs.
fields	array[string]	query	False	Specify the fields to return.

Response

```
Status: 200, Ok
```

Name	Type	Description
fqdn	string	Fully Qualified Domain Name.
server_ip	string	IP address of the preferred domain controller (DC). The address can be either an IPv4 or an IPv6 address.
status	status	Status of CIFS preferred domain controller.
svm	svm	SVM, applies only to SVM-scoped objects.

Example response


```
{
  "fqdn": "test.com",
  "server_ip": "4.4.4.4",
  "status": {
    "details": "Response time (msec): 111",
    "reachable": 1
  },
  "svm": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  }
}
```


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

status

Status of CIFS preferred domain controller.

Name	Type	Description
details	string	Provides a detailed description of the state if the state is 'down' or the response time of the DNS server if the state is 'up'.
reachable	boolean	Indicates whether or not the domain controller is reachable.

href

Name	Type	Description
href	string	

_links

Name	Type	Description
self	href	

svm

SVM, applies only to SVM-scoped objects.

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.

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.

Retrieve unapplied group policy objects for all SVMs

GET `/protocols/cifs/group-policies`

Introduced In: 9.12

Retrieves group policy objects that are yet to be applied for all SVMs.

Related ONTAP commands

- `vserver cifs group-policy show-defined`

Parameters

Name	Type	In	Required	Description
registry_settings.branchcache.supported_hash_version	string	query	False	Filter by registry_settings.branchcache.supported_hash_version
registry_settings.branchcache.hash_publication_mode	string	query	False	Filter by registry_settings.branchcache.hash_publication_mode
registry_settings.refresh_time_random_offset	string	query	False	Filter by registry_settings.refresh_time_random_offset
registry_settings.refresh_time_interval	string	query	False	Filter by registry_settings.refresh_time_interval

Name	Type	In	Required	Description
name	string	query	False	Filter by name • minLength: 1
svm.name	string	query	False	Filter by svm.name
svm.uuid	string	query	False	Filter by svm.uuid
central_access_policy_settings	string	query	False	Filter by central_access_policy_settings
file_system_path	string	query	False	Filter by file_system_path
enabled	boolean	query	False	Filter by enabled
central_access_policy_staging_audit_type	string	query	False	Filter by central_access_policy_staging_audit_type
ldap_path	string	query	False	Filter by ldap_path
extensions	string	query	False	Filter by extensions
security_settings.event_audit_settings.object_access_type	string	query	False	Filter by security_settings.event_audit_settings.object_access_type
security_settings.event_audit_settings.logon_type	string	query	False	Filter by security_settings.event_audit_settings.logon_type
security_settings.restrict_anonymous.no_enumeration_of_sam_accounts	boolean	query	False	Filter by security_settings.restrict_anonymous.no_enumeration_of_sam_accounts
security_settings.restrict_anonymous.combined_restriction_for_anonymous_user	string	query	False	Filter by security_settings.restrict_anonymous.combined_restriction_for_anonymous_user

Name	Type	In	Required	Description
security_settings.restrict_anonymous.no_enumeration_of_sam_accounts_and_shares	boolean	query	False	Filter by security_settings.restrict_anonymous.no_enumeration_of_sam_accounts_and_shares
security_settings.restrict_anonymous.anonymous_access_to_shares_and_named_pipes_restricted	boolean	query	False	Filter by security_settings.restrict_anonymous.anonymous_access_to_shares_and_named_pipes_restricted
security_settings.files_or_folders	string	query	False	Filter by security_settings.files_or_folders
security_settings.registry_values.signing_required	boolean	query	False	Filter by security_settings.registry_values.signing_required
security_settings.privilege_rights.change_notify_users	string	query	False	Filter by security_settings.privilege_rights.change_notify_users
security_settings.privilege_rights.security_privilege_users	string	query	False	Filter by security_settings.privilege_rights.security_privilege_users
security_settings.privilege_rights.take_ownership_users	string	query	False	Filter by security_settings.privilege_rights.take_ownership_users
security_settings.restricted_groups	string	query	False	Filter by security_settings.restricted_groups
security_settings.kerberos.max_ticket_age	string	query	False	Filter by security_settings.kerberos.max_ticket_age

Name	Type	In	Required	Description
security_settings.kerberos.max_renew_age	string	query	False	Filter by security_settings.kerberos.max_renew_age
security_settings.kerberos.max_clock_skew	string	query	False	Filter by security_settings.kerberos.max_clock_skew
security_settings.event_log_settings.max_size	integer	query	False	Filter by security_settings.event_log_settings.max_size
security_settings.event_log_settings.retention_method	string	query	False	Filter by security_settings.event_log_settings.retention_method
link	string	query	False	Filter by link
version	integer	query	False	Filter by version
index	integer	query	False	Filter by index
uuid	string	query	False	Filter by uuid
fields	array[string]	query	False	Specify the fields to return.
return_records	boolean	query	False	The default is true for GET calls. When set to false, only the number of records is returned. • Default value: 1

Name	Type	In	Required	Description
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. • Default value: 15 • Max value: 120 • Min value: 0
max_records	integer	query	False	Limit the number of records returned.
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 central access rules.
records	array[policies_and_rules_to_be_applied]	

Example response


```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "num_records": 1,
  "records": [
    {
      "svm": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "svm1",
        "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
      },
      "to_be_applied": {
        "access_policies": [
          {
            "create_time": "2018-01-01 12:00:00 -0400",
            "description": "policy #1",
            "member_rules": [
              "r1",
              "r2"
            ],
            "name": "p1",
            "sid": "S-1-5-21-256008430-3394229847-3930036330-1001",
            "svm": {
              "_links": {
                "self": {
                  "href": "/api/resourcelink"
                }
              },
              "name": "svm1",
              "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
            },
            "update_time": "2018-01-01 12:00:00 -0400"
          }
        ],
```

```
        "access_rules": [
          {
            "create_time": "2018-01-01 12:00:00 -0400",
            "current_permission": "O:SYG:SYD:AR(A;;FA;;;WD)",
            "description": "rule #1",
            "name": "p1",
            "proposed_permission":
"O:SYG:SYD:(A;;FA;;;OW)(A;;FA;;;BA)(A;;FA;;;SY)",
            "resource_criteria": "department",
            "svm": {
              "_links": {
                "self": {
                  "href": "/api/resourcelink"
                }
              },
              "name": "svm1",
              "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
            },
            "update_time": "2018-01-01 12:00:00 -0400"
          }
        ],
        "objects": [
          {
            "central_access_policy_settings": [
              "p1",
              "p2"
            ],
            "central_access_policy_staging_audit_type": "none",
            "extensions": [
              "audit",
              "security"
            ],
            "file_system_path": "\\test.com\\SysVol\\test.com\\
policies\\{42474212-3f9d-4489-ae01-6fcf4f805d4c}",
            "index": 1,
            "ldap_path": "cn={42474212-3f9d-4489-ae01-
6fcf4f805d4c},cn=policies,cn=system,DC=TEST,DC=COM",
            "link": "domain",
            "name": "test_policy",
            "registry_settings": {
              "branchcache": {
                "hash_publication_mode": "disabled",
                "supported_hash_version": "version1"
              },
              "refresh_time_interval": "P15M",
              "refresh_time_random_offset": "P1D"
```

```
      },
      "security_settings": {
        "event_audit_settings": {
          "logon_type": "failure",
          "object_access_type": "failure"
        },
        "event_log_settings": {
          "max_size": 2048,
          "retention_method": "do_not_overwrite"
        },
        "files_or_folders": [
          "/vol1/home",
          "/vol1/dir1"
        ],
        "kerberos": {
          "max_clock_skew": "P15M",
          "max_renew_age": "P2D",
          "max_ticket_age": "P24H"
        },
        "privilege_rights": {
          "change_notify_users": [
            "usr1",
            "usr2"
          ],
          "security_privilege_users": [
            "usr1",
            "usr2"
          ],
          "take_ownership_users": [
            "usr1",
            "usr2"
          ]
        },
        "restrict_anonymous": {
          "combined_restriction_for_anonymous_user": "no_access"
        },
        "restricted_groups": [
          "test_grp1",
          "test_grp2"
        ]
      },
      "svm": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
```

```
            },
            "name": "svm1",
            "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
          },
          "uuid": "42474212-3f9d-4489-ae01-6fcf4f805d4c",
          "version": 7
        }
      ],
      "restricted_groups": [
        {
          "group_name": "test_group",
          "link": "domain",
          "members": [
            "DOMAIN/test_user",
            "DOMAIN/user2"
          ],
          "memberships": [
            "DOMAIN/AdministratorGrp",
            "DOMAIN/deptMark"
          ],
          "policy_name": "test_policy",
          "svm": {
            "_links": {
              "self": {
                "href": "/api/resourcelink"
              }
            },
            "name": "svm1",
            "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
          },
          "version": 7
        }
      ]
    }
  }
]
}
```


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	

svm

SVM, applies only to SVM-scoped objects.

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.

svm

Will not be populated for objects that are yet to be applied.

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.

group_policy_object_central_access_policy

Name	Type	Description
create_time	string	Policy creation timestamp.
description	string	Description about the policy.
member_rules	array[string]	Names of all central access rules applied to members.
name	string	
sid	string	Security ID, unique identifier of the central policy.
svm	svm	Will not be populated for objects that are yet to be applied.
update_time	string	Last policy modification timestamp.

group_policy_object_central_access_rule

Name	Type	Description
create_time	string	Policy creation timestamp.
current_permission	string	Effective security policy in security descriptor definition language format.
description	string	Description about the policy.
name	string	
proposed_permission	string	Proposed security policy in security descriptor definition language format.
resource_criteria	string	Criteria to scope resources for which access rules apply.
svm	svm	Will not be populated for objects that are yet to be applied.
update_time	string	Last policy modification timestamp.

group_policy_object_branchcache

Name	Type	Description
hash_publication_mode	string	Hash publication mode.
supported_hash_version	string	Hash version.

group_policy_object_registry_setting

Name	Type	Description
branchcache	group_policy_object_branchcache	
refresh_time_interval	string	Refresh time interval in ISO-8601 format.
refresh_time_random_offset	string	Random offset in ISO-8601 format.

group_policy_object_event_audit

Name	Type	Description
logon_type	string	Type of logon event to be audited.
object_access_type	string	Type of object access to be audited.

group_policy_object_event_log

Name	Type	Description
max_size	integer	Maximum size of security log, in kilobytes.
retention_method	string	Audit log retention method.

group_policy_object_kerberos

Name	Type	Description
max_clock_skew	string	Kerberos clock skew in ISO-8601 format.
max_renew_age	string	Kerberos max renew age in ISO-8601 format.

Name	Type	Description
max_ticket_age	string	Kerberos max ticket age in ISO-8601 format.

group_policy_object_privilege_right

Name	Type	Description
change_notify_users	array[string]	Users with traversing bypass privileges.
security_privilege_users	array[string]	Users with security privileges.
take_ownership_users	array[string]	Users who can take ownership of securable objects.

group_policy_object_registry_value

Name	Type	Description
signing_required	boolean	SMB signing required.

group_policy_object_restrict_anonymous

Name	Type	Description
anonymous_access_to_shares_and_named_pipes_restricted	boolean	Restrict anonymous access to shares and named pipes.
combined_restriction_for_anonymous_user	string	Combined restriction for anonymous user.
no_enumeration_of_sam_accounts	boolean	No enumeration of SAM accounts.
no_enumeration_of_sam_accounts_and_shares	boolean	No enumeration of SAM accounts and shares.

group_policy_object_security_setting

Name	Type	Description
event_audit_settings	group_policy_object_event_audit	
event_log_settings	group_policy_object_event_log	
files_or_folders	array[string]	Files/Directories for file security.

Name	Type	Description
kerberos	group_policy_object_kerberos	
privilege_rights	group_policy_object_privilege_right	
registry_values	group_policy_object_registry_value	
restrict_anonymous	group_policy_object_restrict_anonymous	
restricted_groups	array[string]	List of restricted groups.

group_policy_object

Name	Type	Description
central_access_policy_settings	array[string]	List of central access policies.
central_access_policy_staging_audit_type	string	Types of events to be audited.
enabled	boolean	Specifies whether group policies are enabled for the SVM.
extensions	array[string]	List of extensions.
file_system_path	string	File system path.
index	integer	Group policy object index.
ldap_path	string	LDAP path to the GPO.
link	string	Link info.
name	string	
registry_settings	group_policy_object_registry_setting	
security_settings	group_policy_object_security_setting	
svm	svm	Will not be populated for objects that are yet to be applied.
uuid	string	Policy UUID.
version	integer	Group policy object version.

group_policy_object_restricted_group

Name	Type	Description
group_name	string	
link	string	Link info.
members	array[string]	Members of the group.
memberships	array[string]	Group is member of Group/OU.
policy_name	string	
svm	svm	Will not be populated for objects that are yet to be applied.
version	integer	Group policy object version.

to_be_applied

Name	Type	Description
access_policies	array[group_policy_object_central_access_policy]	
access_rules	array[group_policy_object_central_access_rule]	
objects	array[group_policy_object]	
restricted_groups	array[group_policy_object_restricted_group]	

policies_and_rules_to_be_applied

Name	Type	Description
svm	svm	SVM, applies only to SVM-scoped objects.
to_be_applied	to_be_applied	

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.

Retrieve unapplied group policy objects for an SVM

GET `/protocols/cifs/group-policies/{svm.uuid}`

Introduced In: 9.12

Retrieves group policy objects that are yet to be applied for specified SVM.

Related ONTAP commands

- `vserver cifs group-policy show-defined`

Parameters

Name	Type	In	Required	Description
svm.uuid	string	path	True	UUID of the SVM to which this object belongs.
fields	array[string]	query	False	Specify the fields to return.

Response

```
Status: 200, Ok
```

Name	Type	Description
svm	svm	SVM, applies only to SVM-scoped objects.
to_be_applied	to_be_applied	

Example response


```
{
  "svm": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  },
  "to_be_applied": {
    "access_policies": [
      {
        "create_time": "2018-01-01 12:00:00 -0400",
        "description": "policy #1",
        "member_rules": [
          "r1",
          "r2"
        ],
        "name": "p1",
        "sid": "S-1-5-21-256008430-3394229847-3930036330-1001",
        "svm": {
          "_links": {
            "self": {
              "href": "/api/resourcelink"
            }
          },
          "name": "svm1",
          "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
        },
        "update_time": "2018-01-01 12:00:00 -0400"
      }
    ],
    "access_rules": [
      {
        "create_time": "2018-01-01 12:00:00 -0400",
        "current_permission": "O:SYG:SYD:AR(A;;FA;;;WD)",
        "description": "rule #1",
        "name": "p1",
        "proposed_permission":
"O:SYG:SYD:(A;;FA;;;OW)(A;;FA;;;BA)(A;;FA;;;SY)",
        "resource_criteria": "department",
        "svm": {
          "_links": {
```

```
            "self": {
              "href": "/api/resourcelink"
            }
          },
          "name": "svm1",
          "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
        },
        "update_time": "2018-01-01 12:00:00 -0400"
      }
    ],
    "objects": [
      {
        "central_access_policy_settings": [
          "p1",
          "p2"
        ],
        "central_access_policy_staging_audit_type": "none",
        "extensions": [
          "audit",
          "security"
        ],
        "file_system_path": "\\test.com\\SysVol\\test.com\\policies
\\{42474212-3f9d-4489-ae01-6fcf4f805d4c}",
        "index": 1,
        "ldap_path": "cn={42474212-3f9d-4489-ae01-
6fcf4f805d4c},cn=policies,cn=system,DC=TEST,DC=COM",
        "link": "domain",
        "name": "test_policy",
        "registry_settings": {
          "branchcache": {
            "hash_publication_mode": "disabled",
            "supported_hash_version": "version1"
          },
          "refresh_time_interval": "P15M",
          "refresh_time_random_offset": "P1D"
        },
        "security_settings": {
          "event_audit_settings": {
            "logon_type": "failure",
            "object_access_type": "failure"
          },
          "event_log_settings": {
            "max_size": 2048,
            "retention_method": "do_not_overwrite"
          },
          "files_or_folders": [
```

```
            "/vol1/home",
            "/vol1/dir1"
          ],
          "kerberos": {
            "max_clock_skew": "P15M",
            "max_renew_age": "P2D",
            "max_ticket_age": "P24H"
          },
          "privilege_rights": {
            "change_notify_users": [
              "usr1",
              "usr2"
            ],
            "security_privilege_users": [
              "usr1",
              "usr2"
            ],
            "take_ownership_users": [
              "usr1",
              "usr2"
            ]
          },
          "restrict_anonymous": {
            "combined_restriction_for_anonymous_user": "no_access"
          },
          "restricted_groups": [
            "test_grp1",
            "test_grp2"
          ]
        },
        "svm": {
          "_links": {
            "self": {
              "href": "/api/resourcelink"
            }
          },
          "name": "svm1",
          "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
        },
        "uuid": "42474212-3f9d-4489-ae01-6fcf4f805d4c",
        "version": 7
      }
    ],
    "restricted_groups": [
      {
        "group_name": "test_group",
```

```
        "link": "domain",
        "members": [
          "DOMAIN/test_user",
          "DOMAIN/user2"
        ],
        "memberships": [
          "DOMAIN/AdministratorGrp",
          "DOMAIN/deptMark"
        ],
        "policy_name": "test_policy",
        "svm": {
          "_links": {
            "self": {
              "href": "/api/resourcelink"
            }
          },
          "name": "svm1",
          "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
        },
        "version": 7
      }
    ]
  }
}
```


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
self	href	

svm

SVM, applies only to SVM-scoped objects.

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.

svm

Will not be populated for objects that are yet to be applied.

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.

group_policy_object_central_access_policy

Name	Type	Description
create_time	string	Policy creation timestamp.

Name	Type	Description
description	string	Description about the policy.
member_rules	array[string]	Names of all central access rules applied to members.
name	string	
sid	string	Security ID, unique identifier of the central policy.
svm	svm	Will not be populated for objects that are yet to be applied.
update_time	string	Last policy modification timestamp.

group_policy_object_central_access_rule

Name	Type	Description
create_time	string	Policy creation timestamp.
current_permission	string	Effective security policy in security descriptor definition language format.
description	string	Description about the policy.
name	string	
proposed_permission	string	Proposed security policy in security descriptor definition language format.
resource_criteria	string	Criteria to scope resources for which access rules apply.
svm	svm	Will not be populated for objects that are yet to be applied.
update_time	string	Last policy modification timestamp.

group_policy_object_branchcache

Name	Type	Description
hash_publication_mode	string	Hash publication mode.
supported_hash_version	string	Hash version.

group_policy_object_registry_setting

Name	Type	Description
branchcache	group_policy_object_branchcache	
refresh_time_interval	string	Refresh time interval in ISO-8601 format.
refresh_time_random_offset	string	Random offset in ISO-8601 format.

group_policy_object_event_audit

Name	Type	Description
logon_type	string	Type of logon event to be audited.
object_access_type	string	Type of object access to be audited.

group_policy_object_event_log

Name	Type	Description
max_size	integer	Maximum size of security log, in kilobytes.
retention_method	string	Audit log retention method.

group_policy_object_kerberos

Name	Type	Description
max_clock_skew	string	Kerberos clock skew in ISO-8601 format.
max_renew_age	string	Kerberos max renew age in ISO-8601 format.

Name	Type	Description
max_ticket_age	string	Kerberos max ticket age in ISO-8601 format.

group_policy_object_privilege_right

Name	Type	Description
change_notify_users	array[string]	Users with traversing bypass privileges.
security_privilege_users	array[string]	Users with security privileges.
take_ownership_users	array[string]	Users who can take ownership of securable objects.

group_policy_object_registry_value

Name	Type	Description
signing_required	boolean	SMB signing required.

group_policy_object_restrict_anonymous

Name	Type	Description
anonymous_access_to_shares_and_named_pipes_restricted	boolean	Restrict anonymous access to shares and named pipes.
combined_restriction_for_anonymous_user	string	Combined restriction for anonymous user.
no_enumeration_of_sam_accounts	boolean	No enumeration of SAM accounts.
no_enumeration_of_sam_accounts_and_shares	boolean	No enumeration of SAM accounts and shares.

group_policy_object_security_setting

Name	Type	Description
event_audit_settings	group_policy_object_event_audit	
event_log_settings	group_policy_object_event_log	
files_or_folders	array[string]	Files/Directories for file security.

Name	Type	Description
kerberos	group_policy_object_kerberos	
privilege_rights	group_policy_object_privilege_right	
registry_values	group_policy_object_registry_value	
restrict_anonymous	group_policy_object_restrict_anonymous	
restricted_groups	array[string]	List of restricted groups.

group_policy_object

Name	Type	Description
central_access_policy_settings	array[string]	List of central access policies.
central_access_policy_staging_audit_type	string	Types of events to be audited.
enabled	boolean	Specifies whether group policies are enabled for the SVM.
extensions	array[string]	List of extensions.
file_system_path	string	File system path.
index	integer	Group policy object index.
ldap_path	string	LDAP path to the GPO.
link	string	Link info.
name	string	
registry_settings	group_policy_object_registry_setting	
security_settings	group_policy_object_security_setting	
svm	svm	Will not be populated for objects that are yet to be applied.
uuid	string	Policy UUID.
version	integer	Group policy object version.

group_policy_object_restricted_group

Name	Type	Description
group_name	string	
link	string	Link info.
members	array[string]	Members of the group.
memberships	array[string]	Group is member of Group/OU.
policy_name	string	
svm	svm	Will not be populated for objects that are yet to be applied.
version	integer	Group policy object version.

to_be_applied

Name	Type	Description
access_policies	array[group_policy_object_central_access_policy]	
access_rules	array[group_policy_object_central_access_rule]	
objects	array[group_policy_object]	
restricted_groups	array[group_policy_object_restricted_group]	

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

Name	Type	Description
target	string	The target parameter that caused the error.

Create a background task to update the GPO settings for an SVM

PATCH `/protocols/cifs/group-policies/{svm.uuid}`

Introduced In: 9.12

Creates a background task to update the GPO settings for the specified SVM. Note: The group policy can be enabled or disabled using "group_policy_object_enabled" field in PATCH "/protocols/cifs/services/{svm.uuid}" API.

Related ONTAP commands

- `vserver cifs group-policy update`

Parameters

Name	Type	In	Required	Description
apply_updates	boolean	query	False	Indicates whether to apply updates or not. • Default value: 1
force_reapply_all_settings	boolean	query	False	Indicates whether or not a re-applying of all settings is enforced. • Default value:
svm.uuid	string	path	True	UUID of the SVM to which this object belongs.

Response

```
Status: 200, Ok
```

Error

```
Status: Default
```

ONTAP Error Response Codes

Error Code	Description
4456649	Unable to get Group Policy information for SVM.
4456650	Group Policy is disabled for SVM.
4456651	Unable to get CIFS server information for SVM.
4456652	CIFS server is down for SVM.
4456851	An update is already in progress for specified SVM. Wait a few minutes, then try the command again.
4456852	Failed to set forced update for specified SVM. Reason: Internal error. Starting normal update.

Also see the table of common errors in the Response body overview section of this documentation.

Definitions

See Definitions

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.

Retrieve applied central access policies for an SVM

GET `/protocols/cifs/group-policies/{svm.uuid}/central-access-policies`

Introduced In: 9.12

Retrieves applied central access policies for specified SVM.

Related ONTAP commands

- `vserver cifs group-policy central-access-policy show-applied`

Parameters

Name	Type	In	Required	Description
name	string	query	False	Filter by name • minLength: 1
update_time	string	query	False	Filter by update_time
svm.name	string	query	False	Filter by svm.name
description	string	query	False	Filter by description
create_time	string	query	False	Filter by create_time
sid	string	query	False	Filter by sid
member_rules	string	query	False	Filter by member_rules
svm.uuid	string	path	True	UUID of the SVM to which this object belongs.
fields	array[string]	query	False	Specify the fields to return.
return_records	boolean	query	False	The default is true for GET calls. When set to false, only the number of records is returned. • Default value: 1

Name	Type	In	Required	Description
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. • Default value: 15 • Max value: 120 • Min value: 0
max_records	integer	query	False	Limit the number of records returned.
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 central access policies.
records	array[group_policy_object_central_access_policy]	

Example response


```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "num_records": 1,
  "records": [
    {
      "create_time": "2018-01-01 12:00:00 -0400",
      "description": "policy #1",
      "member_rules": [
        "r1",
        "r2"
      ],
      "name": "p1",
      "sid": "S-1-5-21-256008430-3394229847-3930036330-1001",
      "svm": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "svm1",
        "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
      },
      "update_time": "2018-01-01 12:00:00 -0400"
    }
  ]
}
```


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	

svm

Will not be populated for objects that are yet to be applied.

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.

group_policy_object_central_access_policy

Name	Type	Description
create_time	string	Policy creation timestamp.
description	string	Description about the policy.
member_rules	array[string]	Names of all central access rules applied to members.
name	string	

Name	Type	Description
sid	string	Security ID, unique identifier of the central policy.
svm	svm	Will not be populated for objects that are yet to be applied.
update_time	string	Last policy modification timestamp.

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.

Retrieve an applied central access policy for an SVM

GET `/protocols/cifs/group-policies/{svm.uuid}/central-access-policies/{name}`

Introduced In: 9.12

Retrieves applied central access policy for specified SVM.

Related ONTAP commands

- `vserver cifs group-policy central-access-policy show-applied`

Parameters

Name	Type	In	Required	Description
name	string	path	True	Central access policy name.
svm.uuid	string	path	True	UUID of the SVM to which this object belongs.
fields	array[string]	query	False	Specify the fields to return.

Response

```
Status: 200, Ok
```

Name	Type	Description
create_time	string	Policy creation timestamp.
description	string	Description about the policy.
member_rules	array[string]	Names of all central access rules applied to members.
name	string	
sid	string	Security ID, unique identifier of the central policy.
svm	svm	Will not be populated for objects that are yet to be applied.
update_time	string	Last policy modification timestamp.

Example response


```
{
  "create_time": "2018-01-01 12:00:00 -0400",
  "description": "policy #1",
  "member_rules": [
    "r1",
    "r2"
  ],
  "name": "p1",
  "sid": "S-1-5-21-256008430-3394229847-3930036330-1001",
  "svm": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  },
  "update_time": "2018-01-01 12:00:00 -0400"
}
```


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
self	href	

svm

Will not be populated for objects that are yet to be applied.

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.

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.

Retrieve applied central access rules for an SVM

GET `/protocols/cifs/group-policies/{svm.uuid}/central-access-rules`

Introduced In: 9.12

Retrieves applied central access rules for specified SVM.

Related ONTAP commands

- `vserver cifs group-policy central-access-rule show-applied`

Parameters

Name	Type	In	Required	Description
description	string	query	False	Filter by description
update_time	string	query	False	Filter by update_time
svm.name	string	query	False	Filter by svm.name
name	string	query	False	Filter by name • minLength: 1
proposed_permission	string	query	False	Filter by proposed_permission
resource_criteria	string	query	False	Filter by resource_criteria
create_time	string	query	False	Filter by create_time
current_permission	string	query	False	Filter by current_permission
svm.uuid	string	path	True	UUID of the SVM to which this object belongs.
fields	array[string]	query	False	Specify the fields to return.

Name	Type	In	Required	Description
return_records	boolean	query	False	The default is true for GET calls. When set to false, only the number of records is returned. • 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. • Default value: 15 • Max value: 120 • Min value: 0
max_records	integer	query	False	Limit the number of records returned.
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 central access rules.
records	array[group_policy_object_central_access_rule]	

Example response


```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "num_records": 1,
  "records": [
    {
      "create_time": "2018-01-01 12:00:00 -0400",
      "current_permission": "O:SYG:SYD:AR(A;;FA;;;WD)",
      "description": "rule #1",
      "name": "p1",
      "proposed_permission":
"O:SYG:SYD:(A;;FA;;;OW)(A;;FA;;;BA)(A;;FA;;;SY)",
      "resource_criteria": "department",
      "svm": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "svm1",
        "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
      },
      "update_time": "2018-01-01 12:00:00 -0400"
    }
  ]
}
```


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	

svm

Will not be populated for objects that are yet to be applied.

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.

group_policy_object_central_access_rule

Name	Type	Description
create_time	string	Policy creation timestamp.
current_permission	string	Effective security policy in security descriptor definition language format.
description	string	Description about the policy.
name	string	

Name	Type	Description
proposed_permission	string	Proposed security policy in security descriptor definition language format.
resource_criteria	string	Criteria to scope resources for which access rules apply.
svm	svm	Will not be populated for objects that are yet to be applied.
update_time	string	Last policy modification timestamp.

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.

Retrieve an applied central access rule for an SVM

GET `/protocols/cifs/group-policies/{svm.uuid}/central-access-rules/{name}`

Introduced In: 9.12

Retrieves applied central access rule for specified SVM.

Related ONTAP commands

- `vserver cifs group-policy central-access-rule show-applied`

Parameters

Name	Type	In	Required	Description
name	string	path	True	Central access rule name.
svm.uuid	string	path	True	UUID of the SVM to which this object belongs.
fields	array[string]	query	False	Specify the fields to return.

Response

```
Status: 200, Ok
```

Name	Type	Description
create_time	string	Policy creation timestamp.
current_permission	string	Effective security policy in security descriptor definition language format.
description	string	Description about the policy.
name	string	
proposed_permission	string	Proposed security policy in security descriptor definition language format.
resource_criteria	string	Criteria to scope resources for which access rules apply.
svm	svm	Will not be populated for objects that are yet to be applied.
update_time	string	Last policy modification timestamp.

Example response


```
{
  "create_time": "2018-01-01 12:00:00 -0400",
  "current_permission": "O:SYG:SYD:AR(A;;FA;;;WD)",
  "description": "rule #1",
  "name": "p1",
  "proposed_permission":
"O:SYG:SYD:(A;;FA;;;OW)(A;;FA;;;BA)(A;;FA;;;SY)",
  "resource_criteria": "department",
  "svm": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "svm1",
    "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
  },
  "update_time": "2018-01-01 12:00:00 -0400"
}
```


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
self	href	

svm

Will not be populated for objects that are yet to be applied.

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.

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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