View CIFS domain-related information

REST API reference

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View CIFS domain-related information

Protocols CIFS domains endpoint overview

Overview

Displays CIFS domain-related information of all SVMs.

Examples

Retrieving all the fields of CIFS domain configurations of all SVMs

```
# The API:
GET /api/protocols/cifs/domains

# The call:
curl -X GET "https://<mgmt-ip>/api/protocols/cifs/domains/?fields=*" -H
"accept: application/json"

# The response:
{
"records": [
  {
    "svm": {
      "uuid": "09cc9c9a-c7df-11eb-af15-0050568e403e",
      "name": "vs1"
    },
    "name_mapping": {
      "trusted_domains": [
        "SERVER02.COM",
        "SERVER03.COM"
      ]
    },
    "trust_relationships": [
      {
        "node": {
          "name": "vsNode1",
          "uuid": "a64c0906-c7dd-11eb-af15-0050568e403e"
        },
        "home_domain": "SERVER02.COM",
        "trusted_domains": [
          "SERVER02.COM"
        ]
      },
```

```
      {
        "node": {
          "name": "vsNode2",
          "uuid": "4d9400f0-c84b-11eb-90ab-0050568e7324"
        },
        "home_domain": "SERVER02.COM",
        "trusted_domains": [
          "SERVER02.COM"
        ]
      }
    ],
    "discovered_servers": [
      {
        "node": {
          "name": "vsNode2",
          "uuid": "4d9400f0-c84b-11eb-90ab-0050568e7324"
        },
        "domain": "server02.com",
        "server_type": "kerberos",
        "server_name": "scspb0659002001",
        "server_ip": "192.168.20.1",
        "preference": "preferred",
        "state": "undetermined"
      },
      {
        "node": {
          "name": "vsNode2",
          "uuid": "4d9400f0-c84b-11eb-90ab-0050568e7324"
        },
        "domain": "server02.com",
        "server_type": "ms_ldap",
        "server_name": "scspb0659002001",
        "server_ip": "192.168.20.1",
        "preference": "preferred",
        "state": "undetermined"
      },
      {
        "node": {
          "name": "vsNode2",
          "uuid": "4d9400f0-c84b-11eb-90ab-0050568e7324"
        },
        "domain": "server02.com",
        "server_type": "ms_dc",
        "server_name": "scspb0659002001",
        "server_ip": "192.168.20.1",
        "preference": "preferred",
```

```
        "state": "undetermined"
      }
    ],
    "preferred_dcs": [
      {
        "fqdn": "server02.com",
        "server_ip": "192.168.20.1"
      }
    ],
    "password_schedule": {
      "schedule_enabled": false,
      "schedule_weekly_interval": 6,
      "schedule_randomized_minute": 120,
      "schedule_description": "Sun@1:00"
    }
  },
  {
    "svm": {
      "uuid": "6dd78167-c907-11eb-b2bf-0050568e7324",
      "name": "vs2"
    },
    "name_mapping": {
      "trusted_domains": [
        "SERVER03.COM",
        "SERVER04.COM"
      ]
    },
    "trust_relationships": [
      {
        "node": {
          "name": "vsNode1",
          "uuid": "a64c0906-c7dd-11eb-af15-0050568e403e"
        },
        "home_domain": "SERVER02.COM",
        "trusted_domains": [
          "SERVER02.COM"
        ]
      },
      {
        "node": {
          "name": "vsNode2",
          "uuid": "4d9400f0-c84b-11eb-90ab-0050568e7324"
        },
        "home_domain": "SERVER02.COM",
        "trusted_domains": [
          "SERVER02.COM"
```

```
        ]
      }
    ],
    "discovered_servers": [
      {
        "node": {
          "name": "vsNode2",
          "uuid": "4d9400f0-c84b-11eb-90ab-0050568e7324"
        },
        "domain": "server02.com",
        "server_type": "kerberos",
        "server_name": "scspb0659002001",
        "server_ip": "192.168.20.1",
        "preference": "preferred",
        "state": "undetermined"
      },
      {
        "node": {
          "name": "vsNode2",
          "uuid": "4d9400f0-c84b-11eb-90ab-0050568e7324"
        },
        "domain": "server02.com",
        "server_type": "ms_ldap",
        "server_name": "scspb0659002001",
        "server_ip": "192.168.20.1",
        "preference": "preferred",
        "state": "undetermined"
      },
      {
        "node": {
          "name": "vsNode2",
          "uuid": "4d9400f0-c84b-11eb-90ab-0050568e7324"
        },
        "domain": "server02.com",
        "server_type": "ms_dc",
        "server_name": "scspb0659002001",
        "server_ip": "192.168.20.1",
        "preference": "preferred",
        "state": "undetermined"
      }
    ],
    "preferred_dcs": [
      {
        "fqdn": "server02.com",
        "server_ip": "192.168.20.1"
      }
```

```
    ],
    "password_schedule": {
      "schedule_enabled": false,
      "schedule_weekly_interval": 4,
      "schedule_randomized_minute": 120,
      "schedule_description": "Tue@1:00"
    }
  }
],
"num_records": 2
}
```


Retrieve the CIFS domain-related information of all SVMs

GET `/protocols/cifs/domains`

Introduced In: 9.10

Retrieves the CIFS domain-related information of all SVMs.

Related ONTAP commands

- `vserver cifs domain preferred-dc show`
- `vserver cifs domain trusts show`
- `vserver cifs domain discovered-servers show`
- `vserver cifs domain name-mapping-search show`
- `vserver cifs domain schedule show`

Learn more

- DOC /protocols/cifs/domains

Parameters

Name	Type	In	Required	Description
preferred_dcs.fqdn	string	query	False	Filter by preferred_dcs.fqdn
preferred_dcs.server_ip	string	query	False	Filter by preferred_dcs.server_ip

Name	Type	In	Required	Description
server_discovery_mode	string	query	False	Filter by server_discovery_mode • Introduced in: 9.13
name_mapping.trusted_domains	string	query	False	Filter by name_mapping.trusted_domains
password_schedule.schedule_randomized_minute	integer	query	False	Filter by password_schedule.schedule_randomized_minute • Max value: 180 • Min value: 1
password_schedule.schedule_warn_message	string	query	False	Filter by password_schedule.schedule_warn_message
password_schedule.schedule_last_changed_time	string	query	False	Filter by password_schedule.schedule_last_changed_time
password_schedule.schedule_enabled	boolean	query	False	Filter by password_schedule.schedule_enabled
password_schedule.schedule_weekly_interval	integer	query	False	Filter by password_schedule.schedule_weekly_interval • Max value: 52 • Min value: 1
password_schedule.schedule_description	string	query	False	Filter by password_schedule.schedule_description

Name	Type	In	Required	Description
trust_relationships.trusted_domains	string	query	False	Filter by trust_relationships.trusted_domains
trust_relationships.home_domain	string	query	False	Filter by trust_relationships.home_domain
trust_relationships.node.name	string	query	False	Filter by trust_relationships.node.name
trust_relationships.node.uuid	string	query	False	Filter by trust_relationships.node.uuid
discovered_servers.node.name	string	query	False	Filter by discovered_servers.node.name
discovered_servers.node.uuid	string	query	False	Filter by discovered_servers.node.uuid
discovered_servers.domain	string	query	False	Filter by discovered_servers.domain
discovered_servers.server_type	string	query	False	Filter by discovered_servers.server_type
discovered_servers.server_ip	string	query	False	Filter by discovered_servers.server_ip
discovered_servers.state	string	query	False	Filter by discovered_servers.state
discovered_servers.server_name	string	query	False	Filter by discovered_servers.server_name
discovered_servers.preference	string	query	False	Filter by discovered_servers.preference

Name	Type	In	Required	Description
svm.uuid	string	query	False	Filter by svm.uuid
svm.name	string	query	False	Filter by svm.name
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. • 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. • Max value: 120 • Min value: 0 • Default value: 1
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 domain records.
records	array[cifs_domain]	

Example response


```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "num_records": 1,
  "records": [
    {
      "discovered_servers": [
        {
          "domain": "test.com",
          "node": {
            "_links": {
              "self": {
                "href": "/api/resourcelink"
              }
            },
            "name": "node1",
            "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
          },
          "preference": "string",
          "server_ip": "string",
          "server_name": "string",
          "server_type": "string",
          "state": "string"
        }
      ],
      "name_mapping": {
        "trusted_domains": [
          "domain.com"
        ]
      },
      "password_schedule": {
        "schedule_day_of_week": "Sunday",
        "schedule_description": "string",
        "schedule_last_changed_time": "string",
        "schedule_time_of_day": 36900,
        "schedule_warn_message": "string"
      },
      "preferred_dcs": [
```

```
        {
          "fqdn": "test.com",
          "server_ip": "4.4.4.4"
        }
      ],
      "server_discovery_mode": "string",
      "svm": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "svm1",
        "uuid": "02c9e252-41be-11e9-81d5-00a0986138f7"
      },
      "trust_relationships": [
        {
          "home_domain": "string",
          "node": {
            "_links": {
              "self": {
                "href": "/api/resourcelink"
              }
            },
            "name": "node1",
            "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
          },
          "trusted_domains": [
            "string"
          ]
        }
      ]
    }
  ]
}
```


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	

ad_domain

Specifies the credentials of a user with permissions to reset the password in the organizational unit for the machine account.

_links

Name	Type	Description
self	href	

node

Name	Type	Description
_links	_links	
name	string	
uuid	string	

discovered_servers

Name	Type	Description
domain	string	Fully Qualified Domain Name.
node	node	
preference	string	Server Preference
server_ip	string	Server IP address
server_name	string	Server Name
server_type	string	Server Type

Name	Type	Description
state	string	Server status

name_mapping

Specifies the name mapping search records.

Name	Type	Description
trusted_domains	array[string]	

password_schedule

Specifies the password schedule records.

Name	Type	Description
schedule_day_of_week	string	Day of the week for password change schedule.
schedule_description	string	Schedule description.
schedule_enabled	boolean	Is password schedule enabled.
schedule_last_changed_time	string	Last successful password change time.
schedule_randomized_minute	integer	Minutes within which schedule start can be randomized.
schedule_time_of_day	string	Start time for password change schedule.
schedule_warn_message	string	Warning message in case job is deleted.
schedule_weekly_interval	integer	Interval in weeks for password change schedule.

preferred_dcs

Name	Type	Description
fqdn	string	Fully Qualified Domain Name.

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

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.

trust_relationships

Name	Type	Description
home_domain	string	Home Domain Name
node	node	
trusted_domains	array[string]	Trusted Domain Name

cifs_domain

Name	Type	Description
ad_domain	ad_domain	Specifies the credentials of a user with permissions to reset the password in the organizational unit for the machine account.
discovered_servers	array[discovered_servers]	Specifies the discovered servers records.
name_mapping	name_mapping	Specifies the name mapping search records.
password_schedule	password_schedule	Specifies the password schedule records.

Name	Type	Description
preferred_dcs	array[preferred_dcs]	Specifies the preferred DC records.
server_discovery_mode	string	Specifies the mode of server discovery.
svm	svm	SVM, applies only to SVM-scoped objects.
trust_relationships	array[trust_relationships]	Specifies the trusted domain records.

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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