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.server_ip	string	query	False	Filter by preferred_dcs.server_ip

Name	Type	In	Required	Description
preferred_dcs.status.reachable	boolean	query	False	Filter by preferred_dcs.status.reachable • Introduced in: 9.12
preferred_dcs.status.details	string	query	False	Filter by preferred_dcs.status.details • Introduced in: 9.12
preferred_dcs.fqdn	string	query	False	Filter by preferred_dcs.fqdn
name_mapping.trusted_domains	string	query	False	Filter by name_mapping.trusted_domains
password_schedule.schedule_warn_message	string	query	False	Filter by password_schedule.schedule_warn_message
password_schedule.schedule_enabled	boolean	query	False	Filter by password_schedule.schedule_enabled
password_schedule.schedule_last_changed_time	string	query	False	Filter by password_schedule.schedule_last_changed_time
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
password_schedule.schedule_randomized_minute	integer	query	False	Filter by password_schedule.schedule_randomized_minute • Max value: 180 • Min value: 1
trust_relationships.trusted_domains	string	query	False	Filter by trust_relationships.trusted_domains
trust_relationships.node.uuid	string	query	False	Filter by trust_relationships.node.uuid
trust_relationships.node.name	string	query	False	Filter by trust_relationships.node.name
trust_relationships.home_domain	string	query	False	Filter by trust_relationships.home_domain
server_discovery_mode	string	query	False	Filter by server_discovery_mode • Introduced in: 9.13
svm.uuid	string	query	False	Filter by svm.uuid
svm.name	string	query	False	Filter by svm.name
discovered_servers.state	string	query	False	Filter by discovered_servers.state
discovered_servers.domain	string	query	False	Filter by discovered_servers.domain
discovered_servers.server_ip	string	query	False	Filter by discovered_servers.server_ip

Name	Type	In	Required	Description
discovered_servers.server_type	string	query	False	Filter by discovered_servers.server_type
discovered_servers.server_name	string	query	False	Filter by discovered_servers.server_name
discovered_servers.node.uuid	string	query	False	Filter by discovered_servers.node.uuid
discovered_servers.node.name	string	query	False	Filter by discovered_servers.node.name
discovered_servers.preference	string	query	False	Filter by discovered_servers.preference
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

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. • 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",
          "status": {
            "details": "Response time (msec): 111",
            "reachable": 1
          }
        }
      ],
      "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	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	

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
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.

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.

preferred_dcs

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

Name	Type	Description
_links	_links	
name	string	The name of the SVM.
uuid	string	The unique identifier of the SVM.

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
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.
preferred_dcs	array[preferred_dcs]	Specifies the preferred DC records.

Name	Type	Description
server_discovery_mode	string	Specifies the mode of server discovery.
svm	svm	
trust_relationships	array[trust_relationships]	Specifies the trusted domain records.

error_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

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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