View CIFS domain-related information (specific SVM)

REST API reference

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Table of Contents

View CIFS domain-related information (specific SVM) . . . 1
- Protocols CIFS domains svm.uuid endpoint overview . . . 1
  - Overview . . . 1
  - Examples . . . 1
- Retrieve CIFS domain-related information for an SVM . . . 5
  - Important notes . . . 5
  - Related ONTAP commands . . . 5
  - Learn more . . . 5
  - Parameters . . . 5
  - Response . . . 6
  - Error . . . 8
  - Definitions . . . 9

View CIFS domain-related information (specific SVM)

Protocols CIFS domains svm.uuid endpoint overview

Overview

Displays CIFS domain-related information of the specified SVM.

Examples

Retrieving all the fields of CIFS domain configurations of a specific SVM

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

# The call:
curl -X GET "https://<mgmt-ip>/api/protocols/cifs/domains/6dd78167-c907-
11eb-b2bf-0050568e7324" -H "accept: application/json"

# The response:
{
"svm": {
  "uuid": "6dd78167-c907-11eb-b2bf-0050568e7324",
  "name": "vs2"
},
"name_mapping": {
  "trusted_domains": [
    "SERVER03.COM",
    "SERVER04.COM"
  ]
},
"trust_relationships": [
  {
    "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"
}
}
```

Applying rediscover_trusts query parameter and retrieving all the fields of CIFS domain configurations

```
# The API:
GET /api/protocols/cifs/domains/{svm.uuid}?rediscover_trusts=true

# The call:
curl -X GET "https://<mgmt-ip>/api/protocols/cifs/domains/6dd78167-c907-
11eb-b2bf-0050568e7324?rediscover_trusts=true" -H "accept:
application/json"

# The response:
{
"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"
}
}
```

Retrieve CIFS domain-related information for an SVM

GET `/protocols/cifs/domains/{svm.uuid}`

Introduced In: 9.10

Retrieves the CIFS domain-related information of the specified SVM.

Important notes

GET operation with query parameter `rediscover_trusts` and `reset_discovered_servers` returns available CIFS domain configurations and also triggers trusts rediscovery and discovered servers reset asynchronously for that SVM.

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/{svm.uuid}

Parameters

Name	Type	In	Required	Description
rediscover_trusts	boolean	query	False	Force the discovery of trusted domains. • Default value:
reset_discovered_servers	boolean	query	False	Force a rediscovery. • 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
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.
svm	svm	
trust_relationships	array[trust_relationships]	Specifies the trusted domain records.

Example response


```
{
  "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_description": "string",
    "schedule_last_changed_time": "string",
    "schedule_warn_message": "string"
  },
  "preferred_dcs": [
    {
      "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"
  },
  "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
```

ONTAP Error Response Codes

Error Code	Description
656463	SVM UUID must be provided for a query on the field rediscover_trusts and reset_discovered_servers.

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
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_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_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

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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