



Manage Vscan On-Demand policies

ONTAP 9.6 REST API reference

NetApp
August 29, 2024

Table of Contents

- Manage Vscan On-Demand policies 1
 - Protocols Vscan svm.uuid on-demand-policies endpoint overview 1
 - Retrieve a Vscan On-Demand policy 7
 - Create a Vscan On-Demand policy 15
 - Delete a Vscan On-Demand configuration 24
 - Retrieve the Vscan On-Demand configuration for an SVM 27
 - Update the Vscan On-Demand policy configuration for an SVM 31

Manage Vscan On-Demand policies

Protocols Vscan svm.uuid on-demand-policies endpoint overview

Overview

Vscan On-Demand scanning is used to check files for viruses on a schedule. For example, it can be used to run scans only in off-peak hours, or to scan very large files that are excluded from an on-access scan. Vscan On-Demand scanning can be used for any path in the SVM namespace.

Vscan On-Demand policy configurations define the scope of a Vscan On-Demand scan. The schedule parameter in the On-Demand policy configuration decides when to execute the task. Schedule can be created using the `/api/clusters/schedule` endpoint and can be assigned on policy create or policy modify. This API is used to retrieve and manage Vscan On-Demand policy configurations. It is also used to schedule the Vscan On-Demand scan.

Examples

Retrieving all fields for all policies of an SVM

```
# The API:
/api/protocols/vscan/{svm.uuid}/on_demand_policies/

# The call:
curl -X GET "https://<mgmt-
ip>/api/protocols/vscan/{svm.uuid}/on_demand_policies?fields=*" -H
"accept: application/hal+json"

# The response:
{
  "records": [
    {
      "svm": {
        "uuid": "86fbc414-f140-11e8-8e22-0050568e0945",
        "name": "vs1",
        "_links": {
          "self": {
            "href": "/api/svm/svms/86fbc414-f140-11e8-8e22-0050568e0945"
          }
        }
      },
      "name": "on-demand-policy1",
      "scan_paths": [
        "/vol1/",

```

```

    "/vol2/cifs/"
  ],
  "log_path": "/vol0/report_dir",
  "schedule": {
    "uuid": "f6d0843e-f159-11e8-8e22-0050568e0945",
    "name": "schedule",
    "_links": {
      "self": {
        "href": "/api/cluster/schedules/f6d0843e-f159-11e8-8e22-0050568e0945"
      }
    }
  },
  "scope": {
    "max_file_size": 10737418240,
    "exclude_paths": [
      "/vol1/cold-files/",
      "/vol1/cifs/names"
    ],
    "include_extensions": [
      "vmdk",
      "mp*"
    ],
    "exclude_extensions": [
      "mp3",
      "mp4"
    ],
    "scan_without_extension": false
  },
  "_links": {
    "self": {
      "href": "/api/protocols/vscan/86fbc414-f140-11e8-8e22-0050568e0945/on_demand_policies/policy1"
    }
  }
},
{
  "svm": {
    "uuid": "86fbc414-f140-11e8-8e22-0050568e0945",
    "name": "vs1",
    "_links": {
      "self": {
        "href": "/api/svm/svms/86fbc414-f140-11e8-8e22-0050568e0945"
      }
    }
  }
},

```

```
"name": "on-demand-policy2",
"scan_paths": [
  "/vol1/",
  "/vol2/cifs/"
],
"log_path": "/report",
"scope": {
  "max_file_size": 10737418240,
  "include_extensions": [
    "mp*"
  ],
  "scan_without_extension": true
},
"_links": {
  "self": {
    "href": "/api/protocols/vscan/86fbc414-f140-11e8-8e22-0050568e0945/on_demand_policies/policy2"
  }
}
],
"num_records": 2,
"_links": {
  "self": {
    "href": "/api/protocols/vscan/86fbc414-f140-11e8-8e22-0050568e0945/on_demand_policies?fields=*"
  }
}
}
```

Retrieving a specific On-Demand policy associated with a specified SVM

```

# The API:
/api/protocols/vscan/{svm.uuid}/on_demand_policies/{name}

# The call:
curl -X GET "https://<mgmt-ip>/api/protocols/vscan/86fbc414-f140-11e8-8e22-0050568e0945/on_demand_policies/on-demand-task" -H "accept: application/json"

# The response:
{
  "svm": {
    "uuid": "86fbc414-f140-11e8-8e22-0050568e0945",
    "name": "vs1",
    "_links": {
      "self": {
        "href": "/api/svm/svms/86fbc414-f140-11e8-8e22-0050568e0945"
      }
    }
  },
  "name": "on-demand-policy",
  "scan_paths": [
    "/voll/cifs"
  ],
  "log_path": "/report",
  "scope": {
    "max_file_size": 10737418240,
    "include_extensions": [
      "vmdk",
      "mp*"
    ],
    "scan_without_extension": true
  },
  "_links": {
    "self": {
      "href": "/api/protocols/vscan/86fbc414-f140-11e8-8e22-0050568e0945/on_demand_policies/policy2"
    }
  }
}

```

Creating a Vscan On-Demand policy

The Vscan On-Demand policy POST endpoint creates an On-Demand policy for the specified SVM. Specify the schedule parameter to schedule an On-Demand scan.

```

# The API:
/api/protocols/vscan/{svm.uuid}/on_demand_policies

# The call:
curl -X POST "https://<mgmt-ip>/api/protocols/vscan/86fbc414-f140-11e8-8e22-0050568e0945/on_demand_policies?return_records=true" -H "accept: application/json" -H "Content-Type: application/json" -d "{ \"log_path\": \"/vol0/report_dir\", \"name\": \"on-demand-policy\", \"scan_paths\": [ \"/vol1/\", \"/vol2/cifs/\" ], \"schedule\": { \"name\": \"weekly\", \"uuid\": \"1cd8a442-86d1-11e0-ae1c-123478563412\" }, \"scope\": { \"exclude_extensions\": [ \"mp3\" ], \"exclude_paths\": [ \"/vol/cold-files/\" ], \"include_extensions\": [ \"vmdk\", \"mp*\" ], \"max_file_size\": 1073741824, \"scan_without_extension\": true }}"

# The response:
{
  "num_records": 1,
  "records": [
    {
      "svm": {
        "name": "vs1"
      },
      "name": "on-demand-policy",
      "scan_paths": [
        "/vol1/",
        "/vol2/cifs/"
      ],
      "log_path": "/vol0/report_dir",
      "schedule": {
        "name": "weekly"
      },
      "scope": {
        "max_file_size": 1073741824,
        "exclude_paths": [
          "/vol/cold-files/"
        ],
        "include_extensions": [
          "vmdk",
          "mp*"
        ],
        "exclude_extensions": [
          "mp3"
        ],
        "scan_without_extension": true
      }
    }
  ]
}

```

```
}  
]  
}
```

Creating a Vscan On-Demand policy where a number of optional fields are not specified

```
# The API:  
/api/protocols/vscan/{svm.uuid}/on_demand_policies  
  
# The call:  
curl -X POST "https://<mgmt-ip>/api/protocols/vscan/86fbc414-f140-11e8-8e22-0050568e0945/on_demand_policies?return_records=true" -H "accept: application/json" -H "Content-Type: application/json" -d "{ \"log_path\": \"/report\", \"name\": \"on-demand-policy\", \"scan_paths\": [ \"/voll/cifs/\" ], \"scope\": { \"include_extensions\": [ \"mp*\" ], \"scan_without_extension\": true }}"  
  
# The response:  
{  
  "num_records": 1,  
  "records": [  
    {  
      "svm": {  
        "name": "vs1"  
      },  
      "name": "on-demand-policy",  
      "scan_paths": [  
        "voll/cifs/"  
      ],  
      "log_path": "/report",  
      "scope": {  
        "max_file_size": 10737418240,  
        "include_extensions": [  
          "vmdk",  
          "mp*"  
        ],  
        "scan_without_extension": true  
      }  
    }  
  ]  
}
```


Updating a Vscan On-Demand policy

The policy being modified is identified by the UUID of the SVM and the policy name.

```
# The API:
/api/protocols/vscan/{svm.uuid}/on_demand_policies/{name}

# The call:
curl -X PATCH "https://<mgmt-ip>/api/protocols/vscan/86fbc414-f140-11e8-8e22-0050568e0945/on_demand_policies/on-demand-policy" -H "accept: application/json" -H "Content-Type: application/json" -d "{ \"schedule\": { \"name\": \"weekly\" }, \"scope\": { \"exclude_extensions\": [ \"mp3\" ], \"exclude_paths\": [ \"/vol/\" ], \"include_extensions\": [ \"vmdk\", \"mp3\" ], \"scan_without_extension\": true }}"
```

Deleting a Vscan On-Demand policy

The policy to be deleted is identified by the UUID of the SVM and the policy name.

```
# The API:
/api/protocols/vscan/{svm.uuid}/on_demand_policies/{name}

# The call:
curl -X DELETE "https://<mgmt-ip>/api/protocols/vscan/86fbc414-f140-11e8-8e22-0050568e0945/on_demand_policies/on-demand-policy" -H "accept: application/hal+json"
```

Retrieve a Vscan On-Demand policy

```
GET /protocols/vscan/{svm.uuid}/on-demand-policies
```

Retrieves the Vscan On-Demand policy.

Related ONTAP commands

- `vserver vscan on-demand-task show`

Learn more

- [DOC /protocols/vscan/{svm.uuid}/on-demand-policies](#)

Parameters

| Name | Type | In | Required | Description |
|------------------------------|---------------|-------|----------|---|
| svm.uuid | string | path | True | UUID of the SVM to which this object belongs. |
| log_path | string | query | False | Filter by log_path |
| scope.include_extensions | string | query | False | Filter by scope.include_extensions |
| scope.exclude_extensions | string | query | False | Filter by scope.exclude_extensions |
| scope.max_file_size | integer | query | False | Filter by scope.max_file_size |
| scope.exclude_paths | string | query | False | Filter by scope.exclude_paths |
| scope.scan_without_extension | boolean | query | False | Filter by scope.scan_without_extension |
| schedule.uuid | string | query | False | Filter by schedule.uuid |
| schedule.name | string | query | False | Filter by schedule.name |
| name | string | query | False | Filter by name |
| scan_paths | string | query | False | Filter by scan_paths |
| fields | array[string] | query | False | Specify the fields to return. |
| max_records | integer | query | False | Limit the number of records returned. |

| 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. |
| 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. |
| 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 records |
| records | array[vscan_on_demand] | |

Example response

A large, empty rectangular box with a thin, dashed border, occupying most of the page. It is intended for an example response.

```

{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "records": [
    {
      "log_path": "/vol0/report_dir",
      "name": "task-1",
      "scan_paths": [
        "/vol1/",
        "/vol2/cifs/"
      ],
      "schedule": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "weekly",
        "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
      },
      "scope": {
        "exclude_extensions": [
          "mp3",
          "mp4"
        ],
        "exclude_paths": [
          "/vol1/cold-files/",
          "/vol1/cifs/names"
        ],
        "include_extensions": [
          "vmdk",
          "mp*"
        ],
        "max_file_size": 10737418240
      }
    }
  ]
}

```

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 | |

schedule

Schedule of the task.

| Name | Type | Description |
|--------|------------------------|-------------------|
| _links | _links | |
| name | string | Job schedule name |
| uuid | string | Job schedule UUID |

scope

| Name | Type | Description |
|--------------------|---------------|--|
| exclude_extensions | array[string] | List of file extensions for which scanning is not performed. |
| exclude_paths | array[string] | List of file paths for which scanning must not be performed. |
| include_extensions | array[string] | List of file extensions to be scanned. |
| max_file_size | integer | Maximum file size, in bytes, allowed for scanning. |

| Name | Type | Description |
|------------------------|---------|--|
| scan_without_extension | boolean | Specifies whether or not files without any extension can be scanned. |

vscan_on_demand

Use On-Demand scanning to check files for viruses on a schedule. An On-Demand policy defines the scope of an On-Demand scan.

| Name | Type | Description |
|------------|--------------------------|--|
| log_path | string | The path from the Vserver root where the task report is created. |
| name | string | On-Demand task name |
| scan_paths | array[string] | List of paths that need to be scanned. |
| schedule | schedule | Schedule of the task. |
| scope | scope | |

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. |

Create a Vscan On-Demand policy

POST /protocols/vscan/{svm.uuid}/on-demand-policies

Creates a Vscan On-Demand policy. Created only on a data SVM.

Important notes:

- Only one policy can be scheduled at a time on an SVM. Use schedule name or schedule uuid to schedule an On-Demand policy.
- Scanning must be enabled on the SVM before the policy is scheduled to run.
- The `exclude_extensions` setting overrides the `include_extensions` setting. Set `scan_without_extension` to true to scan files without extensions.

Required properties

- `svm.uuid` - Existing SVM in which to create the Vscan On-Demand policy.
- `name` - Name of the Vscan On-Demand policy. Maximum length is 256 characters.
- `log_path` - Path from the Vserver root where the On-Demand policy report is created.
- `scan_paths` - List of paths that need to be scanned.

Recommended optional properties

- `schedule` - Scan schedule. It is recommended to set the schedule property, as it dictates when to scan for viruses.

Default property values

If not specified in POST, the following default property values are assigned:

- `include_extensions` - *
- `max_file_size` - *10737418240*
- `scan_without_extension` - *true*

Related ONTAP commands

- `vserver vscan on-demand-task create`
- `vserver vscan on-demand-task schedule`

Learn more

- [DOC /protocols/vscan/{svm.uuid}/on-demand-policies](#)

Parameters

| Name | Type | In | Required | Description |
|----------|--------|------|----------|---|
| svm.uuid | string | path | True | UUID of the SVM to which this object belongs. |

Request Body

| Name | Type | Description |
|------------|--------------------------|--|
| log_path | string | The path from the Vserver root where the task report is created. |
| name | string | On-Demand task name |
| scan_paths | array[string] | List of paths that need to be scanned. |
| schedule | schedule | Schedule of the task. |
| scope | scope | |

Example request

```
{
  "log_path": "/vol0/report_dir",
  "name": "task-1",
  "scan_paths": [
    "/vol1/",
    "/vol2/cifs/"
  ],
  "schedule": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "weekly",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "scope": {
    "exclude_extensions": [
      "mp3",
      "mp4"
    ],
    "exclude_paths": [
      "/vol1/cold-files/",
      "/vol1/cifs/names"
    ],
    "include_extensions": [
      "vmdk",
      "mp*"
    ],
    "max_file_size": 10737418240
  }
}
```

Response

Status: 201, Created

| Name | Type | Description |
|------------------------|------------------------|-------------|
| _links | _links | |

| Name | Type | Description |
|-------------|------------------------|-------------------|
| num_records | integer | Number of records |
| records | array[vscan_on_demand] | |

Example response

A large, empty rectangular box with a thin, dashed border, occupying most of the page. It is intended for an example response.

```

{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "records": [
    {
      "log_path": "/vol0/report_dir",
      "name": "task-1",
      "scan_paths": [
        "/vol1/",
        "/vol2/cifs/"
      ],
      "schedule": {
        "_links": {
          "self": {
            "href": "/api/resourcelink"
          }
        },
        "name": "weekly",
        "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
      },
      "scope": {
        "exclude_extensions": [
          "mp3",
          "mp4"
        ],
        "exclude_paths": [
          "/vol1/cold-files/",
          "/vol1/cifs/names"
        ],
        "include_extensions": [
          "vmdk",
          "mp*"
        ],
        "max_file_size": 10737418240
      }
    }
  ]
}

```

Error

Status: Default

ONTAP Error Response Codes

| Error Code | Description |
|------------|--|
| 10027101 | The file size must be in the range 1KB to 1TB |
| 10027107 | The include extensions list cannot be empty. Specify at least one extension for inclusion. |
| 10027164 | An On-Demand policy cannot be scheduled, as the Vscan is disabled. Enable the Vscan and retry the operation. |
| 10027167 | The specified schedule does not exist. Create the schedule or create a policy without specifying the schedule. |
| 10027168 | The specified scan path does not exist. The scan path must be specified from the root of the SVM, and must begin with UNIX path delimiters (use "/" not "\") |
| 10027169 | The specified scan path is not supported for scanning. |
| 10027173 | The new On-Demand policy cannot be created as the SVM has reached the maximum number of On-Demand policies allowed. Delete an existing policy in order to create a new policy. |
| 10027174 | The specified exclude path is invalid. The path must be specified from the root of the SVM, and must begin with UNIX path delimiters (use "/" not "\") |
| 10027175 | An On-Demand policy cannot be scheduled as the Vserver is not in an operational state. |
| 10027176 | The log-path specified does not exist. The log path must be specified from the root of the SVM, and must begin with UNIX path delimiters (use "/" not "\"). |
| 10027177 | The log path specified is not supported. |
| 10027253 | The number of paths specified exceeds the configured maximum number of paths. You cannot specify more than the maximum number of configured paths. |
| 10027254 | The number of extensions specified exceeds the configured maximum number of extensions. You cannot specify more than the maximum number of configured extensions. |
| 10027255 | Another policy is already scheduled. Only one policy per SVM is allowed to be scheduled at any one time. Create a policy without specifying a schedule. |

| 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 | |

schedule

Schedule of the task.

| Name | Type | Description |
|--------|------------------------|-------------------|
| _links | _links | |
| name | string | Job schedule name |
| uuid | string | Job schedule UUID |

scope

| Name | Type | Description |
|------------------------|---------------|--|
| exclude_extensions | array[string] | List of file extensions for which scanning is not performed. |
| exclude_paths | array[string] | List of file paths for which scanning must not be performed. |
| include_extensions | array[string] | List of file extensions to be scanned. |
| max_file_size | integer | Maximum file size, in bytes, allowed for scanning. |
| scan_without_extension | boolean | Specifies whether or not files without any extension can be scanned. |

vscan_on_demand

Use On-Demand scanning to check files for viruses on a schedule. An On-Demand policy defines the scope of an On-Demand scan.

| Name | Type | Description |
|------------|--------------------------|--|
| log_path | string | The path from the Vserver root where the task report is created. |
| name | string | On-Demand task name |
| scan_paths | array[string] | List of paths that need to be scanned. |
| schedule | schedule | Schedule of the task. |
| scope | scope | |

[_links](#)

| Name | Type | Description |
|------|----------------------|-------------|
| next | href | |
| self | href | |

[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. |

Delete a Vscan On-Demand configuration

DELETE /protocols/vscan/{svm.uuid}/on-demand-policies/{name}

Deletes the Vscan On-Demand configuration.

Related ONTAP commands

- `vserver vscan on-demand-task delete`

Learn more

- [DOC /protocols/vscan/{svm.uuid}/on-demand-policies](#)

Parameters

| Name | Type | In | Required | Description |
|----------|--------|------|----------|---|
| svm.uuid | string | path | True | UUID of the SVM to which this object belongs. |
| name | string | path | True | |

Response

```
Status: 200, Ok
```

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

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. |

Retrieve the Vscan On-Demand configuration for an SVM

GET /protocols/vscan/{svm.uuid}/on-demand-policies/{name}

Retrieves the Vscan On-Demand configuration of an SVM.

Related ONTAP commands

- `vserver vscan on-demand-task show`

Learn more

- [DOC /protocols/vscan/{svm.uuid}/on-demand-policies](#)

Parameters

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

Response

Status: 200, Ok

| Name | Type | Description |
|------------|--------------------------|--|
| log_path | string | The path from the Vserver root where the task report is created. |
| name | string | On-Demand task name |
| scan_paths | array[string] | List of paths that need to be scanned. |
| schedule | schedule | Schedule of the task. |
| scope | scope | |

Example response

```
{
  "log_path": "/vol0/report_dir",
  "name": "task-1",
  "scan_paths": [
    "/vol1/",
    "/vol2/cifs/"
  ],
  "schedule": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "weekly",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "scope": {
    "exclude_extensions": [
      "mp3",
      "mp4"
    ],
    "exclude_paths": [
      "/vol1/cold-files/",
      "/vol1/cifs/names"
    ],
    "include_extensions": [
      "vmdk",
      "mp*"
    ],
    "max_file_size": 10737418240
  }
}
```

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 |
|------|----------------------|-------------|
| self | href | |

schedule

Schedule of the task.

| Name | Type | Description |
|--------|------------------------|-------------------|
| _links | _links | |
| name | string | Job schedule name |
| uuid | string | Job schedule UUID |

scope

| Name | Type | Description |
|------------------------|---------------|--|
| exclude_extensions | array[string] | List of file extensions for which scanning is not performed. |
| exclude_paths | array[string] | List of file paths for which scanning must not be performed. |
| include_extensions | array[string] | List of file extensions to be scanned. |
| max_file_size | integer | Maximum file size, in bytes, allowed for scanning. |
| scan_without_extension | boolean | Specifies whether or not files without any extension can be scanned. |

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. |

Update the Vscan On-Demand policy configuration for an SVM

PATCH /protocols/vscan/{svm.uuid}/on-demand-policies/{name}

Updates the Vscan On-Demand policy configuration of an SVM. Use schedule name or schedule UUID to schedule an On-Demand scan.

Related ONTAP commands

- `vserver vscan on-demand-task modify`
- `vserver vscan on-demand-task schedule`
- `vserver vscan on-demand-task unschedule`

Learn more

- [DOC /protocols/vscan/{svm.uuid}/on-demand-policies](#)

Parameters

| Name | Type | In | Required | Description |
|----------|--------|------|----------|---|
| svm.uuid | string | path | True | UUID of the SVM to which this object belongs. |
| name | string | path | True | |

Request Body

| Name | Type | Description |
|------------|--------------------------|--|
| log_path | string | The path from the Vserver root where the task report is created. |
| name | string | On-Demand task name |
| scan_paths | array[string] | List of paths that need to be scanned. |
| schedule | schedule | Schedule of the task. |
| scope | scope | |

Example request

```
{
  "log_path": "/vol0/report_dir",
  "name": "task-1",
  "scan_paths": [
    "/vol1/",
    "/vol2/cifs/"
  ],
  "schedule": {
    "_links": {
      "self": {
        "href": "/api/resourcelink"
      }
    },
    "name": "weekly",
    "uuid": "1cd8a442-86d1-11e0-ae1c-123478563412"
  },
  "scope": {
    "exclude_extensions": [
      "mp3",
      "mp4"
    ],
    "exclude_paths": [
      "/vol1/cold-files/",
      "/vol1/cifs/names"
    ],
    "include_extensions": [
      "vmdk",
      "mp*"
    ],
    "max_file_size": 10737418240
  }
}
```

Response

Status: 200, Ok

Error

Status: Default

ONTAP Error Response Codes

| Error Code | Description |
|------------|---|
| 10027101 | The file size must be in the range 1KB to 1TB |
| 10027107 | The include extensions list cannot be empty. Specify at least one extension for inclusion. |
| 10027164 | An On-Demand policy cannot be scheduled, as the Vscan is disabled. Enable the Vscan and retry the operation. |
| 10027167 | The specified schedule does not exist. Create the schedule or create a policy without specifying the schedule. |
| 10027168 | The specified scan path does not exist. The scan path must be specified from the root of the SVM, and must begin with UNIX path delimiters (use "/" not "\") |
| 10027169 | The specified scan path is not supported for scanning. |
| 10027174 | The specified exclude path is invalid. The path must be specified from the root of the SVM, and must begin with UNIX path delimiters (use "/" not "\") |
| 10027175 | An On-Demand policy cannot be scheduled as the SVM is not in an operational state. |
| 10027176 | The log-path specified does not exist. The log path must be specified from the root of the SVM, and must begin with UNIX path delimiters (use "/" not "\") |
| 10027177 | The log path specified is not supported. |
| 10027253 | The number of paths specified exceeds the configured maximum number of paths. You cannot specify more than the maximum number of configured paths. |
| 10027254 | The number of extensions specified exceeds the configured maximum number of extensions. You cannot specify more than the maximum number of configured extensions. |
| 10027255 | Another policy is already scheduled. Only one policy per SVM is allowed to be scheduled at any one time. Update a policy without specifying a schedule. |

| 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 | |

schedule

Schedule of the task.

| Name | Type | Description |
|--------|------------------------|-------------------|
| _links | _links | |
| name | string | Job schedule name |
| uuid | string | Job schedule UUID |

scope

| Name | Type | Description |
|------------------------|---------------|--|
| exclude_extensions | array[string] | List of file extensions for which scanning is not performed. |
| exclude_paths | array[string] | List of file paths for which scanning must not be performed. |
| include_extensions | array[string] | List of file extensions to be scanned. |
| max_file_size | integer | Maximum file size, in bytes, allowed for scanning. |
| scan_without_extension | boolean | Specifies whether or not files without any extension can be scanned. |

vscan_on_demand

Use On-Demand scanning to check files for viruses on a schedule. An On-Demand policy defines the scope of an On-Demand scan.

| Name | Type | Description |
|------------|--------------------------|--|
| log_path | string | The path from the Vserver root where the task report is created. |
| name | string | On-Demand task name |
| scan_paths | array[string] | List of paths that need to be scanned. |
| schedule | schedule | Schedule of the task. |
| scope | scope | |

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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