



Manage FPolicy persistent store configuration

ONTAP 9.14.1 REST API reference

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Manage FPolicy persistent store configuration

Protocols fpolicy svm.uuid persistent-stores endpoint overview

Overview

- The FPolicy persistent store feature enables the configuration of a persistent store. This includes:
- setting up a store to retain event notifications
- specifying the volume created for FPolicy persistent store
- Each SVM can only have one persistent store. The same persistent store can be used by multiple policies within the same SVM. Once a persistent store is created, it can be utilized in the FPolicy policy configuration for the async and non-mandatory engine.

Examples

Creating an FPolicy persistent store with all required parameters

```
# The API:
POST /protocols/fpolicy/{svm.uuid}/persistent-stores

# The call:
curl -X POST "https://<mgmt-ip>/api/protocols/fpolicy/4f643fb4-fd21-11e8-ae49-0050568e2c1e/persistent-stores?return_records=true" -H "accept: application/json" -d "{\"name\": \"ps1\", \"volume\": \"psvol\"}"

# The response:
{
  "num_records": 1,
  "records": [
    {
      "name": "ps1",
      "volume": "psvol",
    }
  ]
}
```

Creating an FPolicy persistent store with the minimum required fields

```
# The API:
POST /protocols/fpolicy/{svm.uuid}/persistent-stores

# The call:
curl -X POST "https://<mgmt-ip>/api/protocols/fpolicy/4f643fb4-fd21-11e8-ae49-0050568e2c1e/persistent-stores?return_records=true" -H "accept: application/json" -H "Content-Type: application/json" -d "{\"name\": \"ps1\", \"volume\": \"psvol\" }"

# The response:
{
  "num_records": 1,
  "records": [
    {
      "name": "ps1",
      "volume": "psvol",
    }
  ]
}
```

Retrieving an FPolicy persistent store configuration for a specific SVM

```
# The API:
GET /protocols/fpolicy/{svm.uuid}/persistent-stores

# The call:
curl -X GET "https://<mgmt-ip>/api/protocols/fpolicy/4f643fb4-fd21-11e8-ae49-0050568e2c1e/persistent-stores/?fields=*&return_records=true&return_timeout=15" -H "accept: application/json"

# The response:
{
  "records": [
    {
      "name": "ps1"
    }
  ],
  "num_records": 1
}
```

Retrieving a specific FPolicy persistent store configuration for a specific SVM

```
# The API:
GET /protocols/fpolicy/{svm.uuid}/persistent-stores/{name}

# The call:
curl -X GET "https://<mgmt-ip>/api/protocols/fpolicy/4f643fb4-fd21-11e8-ae49-0050568e2c1e/persistent-stores/persistent_fpolicy?fields=*&return_records=true&return_timeout=15" -H "accept: application/json"

# The response:
{
  "svm": {
    "uuid": "4f643fb4-fd21-11e8-ae49-0050568e2c1e"
  },
  "name": "ps1",
  "volume": "psvol",
}
```

Updating an FPolicy persistent store for an SVM

```
# The API:
PATCH /protocols/fpolicy/{svm.uuid}/persistent-stores/{name}

# The call:
curl -X PATCH "https://<mgmt-ip>/api/protocols/fpolicy/4f643fb4-fd21-11e8-ae49-0050568e2c1e/persistent-stores/persistent_fpolicy" -H "accept: application/json" -H "Content-Type: application/json" -d "{ \"volume\": \"psvol\" }"
```

Deleting a specific FPolicy persistent store configuration for a specific SVM

```
# The API:
DELETE /protocols/fpolicy/{svm.uuid}/persistent-stores/{name}

# The call:
curl -X DELETE "https://<mgmt-ip>/api/protocols/fpolicy/4f643fb4-fd21-11e8-ae49-0050568e2c1e/persistent-stores/persistent_fpolicy" -H "accept: application/json"
```

Retrieve the FPolicy persistent store configurations for an SVM

GET /protocols/fpolicy/{svm.uuid}/persistent-stores

Introduced In: 9.14

Retrieves FPolicy persistent store configurations for a specified SVM.

Related ONTAP commands

- `fpolicy persistent-store show`

Learn more

- [DOC /protocols/fpolicy/{svm.uuid}/persistent-stores](#)

Parameters

Name	Type	In	Required	Description
volume	string	query	False	Filter by volume
name	string	query	False	Filter by 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.
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. <ul style="list-style-type: none"> • 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. <ul style="list-style-type: none"> • Default value: 1 • Max value: 120 • Min value: 0
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[fpolicy_persistent_store]	

Example response

```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "num_records": 1,
  "records": {
    "name": "ps1",
    "svm": {
      "uuid": "string"
    },
    "volume": "psvol"
  }
}
```

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	

svm

Name	Type	Description
uuid	string	SVM UUID

fpolicy_persistent_store

The information that an FPolicy process needs in order to configure a persistent store.

Name	Type	Description
name	string	The name specified for the FPolicy persistent store.
svm	svm	
volume	string	The specified volume to store the events for the FPolicy persistent store.

error_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

returned_error

Name	Type	Description
arguments	array[error_arguments]	Message arguments

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

Create an FPolicy persistent store configuration for an SVM

POST /protocols/fpolicy/{svm.uuid}/persistent-stores

Introduced In: 9.14

Creates an FPolicy persistent store configuration for a specified SVM.

Important notes:

- FPolicy persistent store creation is allowed only on data SVMs.
- In persistent mode, when the persistent store is full, event notifications are dropped.

Required properties

- `svm.uuid` - Existing SVM in which to create the FPolicy persistent store.
- `name` - Name of the FPolicy persistent store.
- `volume` - Volume specified for persistent store (only FlexVol volumes of type RW are supported).

Related ONTAP commands

- `fpolicy persistent-store create`

Learn more

- [DOC /protocols/fpolicy/{svm.uuid}/persistent-stores](#)

Parameters

Name	Type	In	Required	Description
return_records	boolean	query	False	The default is false. If set to true, the records are returned. <ul style="list-style-type: none"> • Default value:

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

Request Body

Name	Type	Description
name	string	The name specified for the FPolicy persistent store.
svm	svm	
volume	string	The specified volume to store the events for the FPolicy persistent store.

Example request

```
{
  "name": "ps1",
  "svm": {
    "uuid": "string"
  },
  "volume": "psvol"
}
```

Response

Status: 201, Created

Name	Type	Description
_links	_links	
num_records	integer	Number of records
records	array[fpolicy_persistent_store]	

Example response

```
{
  "_links": {
    "next": {
      "href": "/api/resourcelink"
    },
    "self": {
      "href": "/api/resourcelink"
    }
  },
  "num_records": 1,
  "records": {
    "name": "ps1",
    "svm": {
      "uuid": "string"
    },
    "volume": "psvol"
  }
}
```

Headers

Name	Description	Type
Location	Useful for tracking the resource location	string

Error

Status: Default

Error Code	Description
9765052	Cannot create more than one persistent store per SVM
9765053	Volume mentioned does not exist in the SVM
9765068	The persistent store name is too long. It must not exceed 500 characters
2621516	This operation is only supported on a data SVM
9765069	Volume is not a Flexvol. Only FlexVols are supported for this operation.
9765071	Volume without junction-path is not supported.

Error Code	Description
9765072	Volume is not of type RW. Only volumes of type RW are supported.

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

svm

Name	Type	Description
uuid	string	SVM UUID

fpolicy_persistent_store

The information that an FPolicy process needs in order to configure a persistent store.

Name	Type	Description
name	string	The name specified for the FPolicy persistent store.
svm	svm	
volume	string	The specified volume to store the events for the FPolicy persistent store.

href

Name	Type	Description
href	string	

_links

Name	Type	Description
next	href	
self	href	

error_arguments

Name	Type	Description
code	string	Argument code
message	string	Message argument

returned_error

Name	Type	Description
arguments	array[error_arguments]	Message arguments

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

Delete an FPolicy persistent store configuration for an SVM

DELETE /protocols/fpolicy/{svm.uuid}/persistent-stores/{name}

Introduced In: 9.14

Deletes a specific FPolicy persistent store configuration for an SVM.

Related ONTAP commands

- `fpolicy persistent-store delete`

Learn more

- [DOC /protocols/fpolicy/{svm.uuid}/persistent-stores](#)

Parameters

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

Response

Status: 200, Ok

Error

Status: Default

Error Code	Description
9765064	Persistent store is active on atleast one policy

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 an FPolicy persistent store configuration for an SVM

GET /protocols/fpolicy/{svm.uuid}/persistent-stores/{name}

Introduced In: 9.14

Retrieves a specific FPolicy persistent store configuration for an SVM.

Related ONTAP commands

- `fpolicy persistent-store show`

Learn more

- [DOC /protocols/fpolicy/{svm.uuid}/persistent-stores](#)

Parameters

Name	Type	In	Required	Description
name	string	path	True	

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
name	string	The name specified for the FPolicy persistent store.
svm	svm	
volume	string	The specified volume to store the events for the FPolicy persistent store.

Example response

```
{
  "name": "ps1",
  "svm": {
    "uuid": "string"
  },
  "volume": "psvol"
}
```

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

svm

Name	Type	Description
uuid	string	SVM UUID

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.

Update an FPolicy persistent store configuration for an SVM

PATCH /protocols/fpolicy/{svm.uuid}/persistent-stores/{name}

Introduced In: 9.14

Updates a specific FPolicy persistent store configuration for an SVM.

Related ONTAP commands

- `fpolicy persistent-store modify`

Learn more

- [DOC /protocols/fpolicy/{svm.uuid}/persistent-stores](#)

Parameters

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

Request Body

Name	Type	Description
name	string	The name specified for the FPolicy persistent store.
svm	svm	
volume	string	The specified volume to store the events for the FPolicy persistent store.

Example request

```
{
  "name": "ps1",
  "svm": {
    "uuid": "string"
  },
  "volume": "psvol"
}
```

Response

Status: 200, Ok

Error

Status: Default

Error Code	Description
9765053	Volume mentioned does not exist in the SVM
9765056	Specified persistent store name does not exist in the SVM
9765069	Volume is not a Flexvol. Only FlexVols are supported for this operation.
9765070	Cannot update a persistent store volume when it is part of an enabled policy
9765071	Volume without junction-path is not supported.
9765072	Volume is not of type RW. Only volumes of type RW are supported.

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

svm

Name	Type	Description
uuid	string	SVM UUID

fpolicy_persistent_store

The information that an FPolicy process needs in order to configure a persistent store.

Name	Type	Description
name	string	The name specified for the FPolicy persistent store.
svm	svm	
volume	string	The specified volume to store the events for the FPolicy persistent store.

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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