

Data Theft Protection

<https://campus.barracuda.com/doc/45026293/>

Data theft protection prevents unauthorized disclosure of confidential information such as social security number, passwords, credit card information, etc.

To Create a Data Theft Element

URL: /v1/security_policies/{policy_id}/data_theft_protection			
Method: POST			
Description: Adds a data theft element with the given values.			
Parameter Name	Data Type	Mandatory	Description
Input Parameters:			
name	Alphanumeric	Yes	A name for this data theft element.
enabled	String	Optional	Use this data theft element to be matched in the server response pages. The values include: <ul style="list-style-type: none"> • yes • no
identity_theft_type	Enumeration	Yes	The identity theft pattern to which the element mentioned in "name" belongs to. The enumerated values include: <ul style="list-style-type: none"> • directory_indexing • credit_cards • social_security_numbers • custom
custom_identity_theft_type	Enumeration	Conditional	The identity theft pattern defined on the ADVANCED > Libraries page (if any). Note: Required ONLY when identity_theft_type is <i>custom</i> .
action	Enumeration		The action to be enforced on any page sent by the server containing this data type. The enumerated values include: <ul style="list-style-type: none"> • cloak • block
initial_characters_to_keep	Numeric	Optional	The number of initial characters to be displayed to the user. Note: Required ONLY when action is <i>cloak</i> .
trailing_characters_to_keep	Numeric	Optional	The number of trailing characters to be displayed to the user. Note: Required ONLY when action is <i>cloak</i> .

Example:**Request:**

```
curl http://192.168.0.1:8000/restapi/v1/security_policies/new_policy/data_theft_protection -u 'eyJldCI6IjEzODAxNDk3ODMiLCJwYXNzd29yZCI6ImVhZWYxNzBhNTNhN2Y0MjBjM2IwYjYxYmMy\nMTJkZTJkIiwidXNlciI6ImFkbWluln0=\n:' -X POST -H Content-Type:application/json -d '{"name":"element_1","identity_theft_type":"social_security_numbers"}'
```

Response:

```
{"id":"element_1","token":"eyJldCI6IjEzODAxNTAxNDkiLCJwYXNzd29yZCI6IjRmMGNhYTFlYWQzZTFiNDRkNDYyNWVjMDUx\nZTMxZGZjIiwidXNlciI6ImFkbWluln0=\n"}
```

To Retrieve Data Theft Elements

URL: /v1/security_policies/{policy_id}/data_theft_protection /v1/security_policies/{policy_id}/data_theft_protection/{data_theft_protection_id}			
Method: GET			
Description: Lists all data theft elements if “data_theft_protection_id” is not specified.			
Parameter Name	Data Type	Mandatory	Description
Input Parameters:			
parameters	Alphanumeric	Optional	Any specific parameter name that needs to be retrieved. See <i>Example 2</i> .

Example 1:**Request:**

```
curl  
http://192.168.0.1:8000/restapi/v1/security_policies/new_policy/data_theft_protection/element_1  
-u  
'eyJldCI6IjEzODAxNDk3ODMiLCJwYXNzd29yZCI6ImVhZWYxNzBhNTNhN2Y0MjBjM2IwYjYxYmMy\nMTJkZTJkIiwidXNlciI6ImFkbWluln0=\n:' -X GET
```

Response:

```
{"initial_characters_to_keep":"0","name":"element_1","custom_identity_theft_type":"","identity_
```

```
theft_type":"social_security_numbers","trailing_characters_to_keep":"4","action":"block","id":"element_1","token":"eyJldCI6IjEzODAxNTAzODUiLCJwYXNzd29yZCI6IjVhZGZl4YTJiMTdkNzkwZDg5NjlyM2Y0MTM1bnZjM2YzImliwidXNlci6ImFkbWluln0=\n","enabled":"1"}
```

Example 2:**Request:**

```
curl
http://192.168.0.1:8000/restapi/v1/security_policies/new_policy/data_theft_protection/element_1
-u
'eyJldCI6IjE1MDE5MDUxMzkiLCJwYXNzd29yZCI6IjUwN2I1ZDRhMTc3Mzc4Zjc5NGY2ZmM3NTNh\nYTczM2IxiwidXNlci6ImFkbWluln0=\n:' -X GET -G -d parameters=action,identity_theft_type
```

Response:

```
{"action":"block","id":"element_1","token":"eyJldCI6IjE1MDQzMtYyMTAiLCJwYXNzd29yZCI6ImVhZWRmMTQ2YTkwNmZiOWFiZDhiNDNkMGZl\nNzFIMmE0liwidXNlci6ImFkbWluln0=\n","identity_theft_type":"social_security_numbers"}
```

To Update a Data Theft Element

URL: /v1/security_policies/{policy_id}/data_theft_protection/{data_theft_protection_id}			
Method: PUT			
Description: Updates the values of given parameters in the given data theft element.			
Parameter Name	Data Type	Mandatory	Description
Input Parameters:			
enabled	String	Optional	Use this data theft element to be matched in the server response pages. The values include: <ul style="list-style-type: none"> • yes • no

identity_theft_type	Enumeration	Optional	The identity theft pattern to which the element mentioned in "name" belongs to. The enumerated values include: <ul style="list-style-type: none"> • directory_indexing • credit_cards • social_security_numbers • custom
custom_identity_theft_type	Enumeration	Optional	The identity theft pattern defined on the ADVANCED > Libraries page (if any). Note: Required ONLY when identity_theft_type is <i>custom</i> .
action	Enumeration	Optional	The action to be enforced on any page sent by the server containing this data type. The enumerated values include: <ul style="list-style-type: none"> • cloak • block
initial_characters_to_keep	Numeric	Optional	The number of initial characters to be displayed to the user. Note: Required ONLY when action is <i>cloak</i> .
trailing_characters_to_keep	Numeric	Optional	The number of trailing characters to be displayed to the user. Note: Required ONLY when action is <i>cloak</i> .

Example:**Request:**

```
curl
http://192.168.0.1:8000/restapi/v1/security_policies/new_policy/data_theft_protection/element_1
-u
'eyJldCI6IjEzODAxNDk3ODMiLCJwYXNzd29yZCI6ImVhZWYxNzBhNThhN2Y0MjBjM2IwYjYxYmMy\n
MTJkZTJkIiwidXNlciI6ImFkbWludn0=\n:' -X PUT -H Content-Type:application/json -d
'{"trailing_characters_to_keep":"2","action":"cloak"}'
```

Response:

```
{ "id": "element_1", "token": "eyJldCI6IjEzODAxNTA3NjgiLCJwYXNzd29yZCI6IjZDZiMmUzMzMxN2
E1ZGY2ZDEyMWRjYmY3\nMzJjNmU0IiwidXNlciI6ImFkbWludn0=\n" }
```

To Delete a Data Theft Element

URL: /v1/security_policies/{policy_id}/data_theft_protection/{data_theft_protection_id}
Method: DELETE
Description: Deletes the given data theft element.

Example:

Request:

```
curl
http://192.168.0.1:8000/restapi/v1/security_policies/new_policy/data_theft_protection/element_1
-u
'eyJldCI6IjEzODAxNDk3ODMiLCJwYXNzd29yZCI6ImVhZWYxNzBhNThhN2Y0MjBjM2lwYjYxYmMy\n
MTJkZTJkIiwidXNlciI6ImFkbWluln0=\n:' -X DELETE
```

Response:

```
{"msg":"Successfully
deleted","token":"eyJldCI6IjEzODAxNTA4MzgiLCJwYXNzd29yZCI6IjgwM2IxOTVmYzVIYzc0YjZkYzA
1MjEzM2NI\nZjBkYjI3IiwidXNlciI6ImFkbWluln0=\n"}
```

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