

# Attributes

[restSearch] Get a filtered and paginated list of attributes:

POST

<https://misp.local/attributes/restSearch>

Request:

```
{
  "page": 1,
  "limit": 0,
  "value": "127.0.0.1",
  "value1": "127.0.0.1",
  "value2": "127.0.0.1",
  "type": "md5",
  "category": "Internal reference",
  "org": "12345",
  "tags": [
    "tlp:amber"
  ],
  "from": "string",
  "to": "string",
  "last": 0,
  "eventid": "12345",
  "withAttachments": false,
  "uuid": "c99506a6-1255-4b71-afa5-7b8ba48c3b1b",
  "publish_timestamp": "1617875568",
  "published": false,
  "timestamp": "1617875568",
  "attribute_timestamp": "1617875568",
  "enforceWarninglist": true,
  "to_ids": true,
  "deleted": false,
```

```
"event_timestamp": "1617875568",
"threat_level_id": "1",
"eventinfo": "string",
"sharinggroup": [
  "1"
],
"decayingModel": "string",
"score": "string",
"first_seen": "string",
"last_seen": "string",
"includeEventUuid": false,
"includeEventTags": false,
"includeProposals": false,
"requested_attributes": [
  "id"
],
"includeContext": true,
"headerless": true,
"includeWarninglistHits": true,
"attackGalaxy": "mitre-attack",
"object_relation": "filepath",
"includeSightings": true,
"includeCorrelations": true,
"modelOverrides": {
  "lifetime": 3,
  "decay_speed": 2.3,
  "threshold": 30,
  "default_base_score": 80,
  "base_score_config": {
    "estimative-language:confidence-in-analytic-judgment": 0.25,
    "estimative-language:likelihood-probability": 0.25,
    "phishing:psychological-acceptability": 0.25,
    "phishing:state": 0.2
  }
},
"includeDecayScore": false,
"includeFullModel": false,
"excludeDecayed": false,
"returnFormat": "json"
}
```

## Response:

**200:**

```
{
  "response": {
    "Attribute": [
      {
        "id": "12345",
        "event_id": "12345",
        "object_id": "12345",
        "object_relation": "sensor",
        "category": "Internal reference",
        "type": "md5",
        "value": "127.0.0.1",
        "to_ids": true,
        "uuid": "c99506a6-1255-4b71-afa5-7b8ba48c3b1b",
        "timestamp": "1617875568",
        "distribution": "0",
        "sharing_group_id": "1",
        "comment": "logged source ip",
        "deleted": false,
        "disable_correlation": false,
        "first_seen": "1581984000000000",
        "last_seen": "1581984000000000",
        "data": "string",
        "event_uuid": "c99506a6-1255-4b71-afa5-7b8ba48c3b1b",
        "decay_score": [
          {
            "score": 10.5,
            "base_score": 80,
            "decayed": true,
            "DecayingModel": {
              "id": "12345",
              "name": "Phishing model"
            }
          }
        ],
      }
    ],
    "Event": {
      "id": "12345",
```

```
"org_id": "12345",
"distribution": "0",
"info": "logged source ip",
"orgc_id": "12345",
"uuid": "c99506a6-1255-4b71-afa5-7b8ba48c3b1b",
"date": "1991-01-15",
"published": false,
"analysis": "0",
"attribute_count": "321",
"timestamp": "1617875568",
"sharing_group_id": "1",
"proposal_email_lock": true,
"locked": true,
"threat_level_id": "1",
"publish_timestamp": "1617875568",
"sighting_timestamp": "1617875568",
"disable_correlation": false,
"extends_uuid": "c99506a6-1255-4b71-afa5-7b8ba48c3b1b",
"event_creator_email": "user@example.com"
},
"Object": {
  "id": "12345",
  "name": "ail-leak",
  "meta-category": "string",
  "description": "string",
  "template_uuid": "c99506a6-1255-4b71-afa5-7b8ba48c3b1b",
  "template_version": "1",
  "event_id": "12345",
  "uuid": "c99506a6-1255-4b71-afa5-7b8ba48c3b1b",
  "timestamp": "1617875568",
  "distribution": "0",
  "sharing_group_id": "1",
  "comment": "string",
  "deleted": true,
  "first_seen": "1581984000000000",
  "last_seen": "1581984000000000",
  "Attribute": [
    {
      "id": "12345",
      "event_id": "12345",
```

```

    "object_id": "12345",
    "object_relation": "sensor",
    "category": "Internal reference",
    "type": "md5",
    "value": "127.0.0.1",
    "to_ids": true,
    "uuid": "c99506a6-1255-4b71-afa5-7b8ba48c3b1b",
    "timestamp": "1617875568",
    "distribution": "0",
    "sharing_group_id": "1",
    "comment": "logged source ip",
    "deleted": false,
    "disable_correlation": false,
    "first_seen": "1581984000000000",
    "last_seen": "1581984000000000"
  }
]
},
"Tag": [
  {
    "id": "12345",
    "name": "tlp:white",
    "colour": "#ffffff",
    "exportable": true,
    "org_id": "12345",
    "user_id": "12345",
    "hide_tag": false,
    "numerical_value": "12345",
    "is_galaxy": true,
    "is_custom_galaxy": true,
    "inherited": 1
  }
]
}
]
}
}
}

```

```
{
  "name": "Authentication failed. Please make sure you pass the API key of an API enabled user along in the
Authorization header.",
  "message": "Authentication failed. Please make sure you pass the API key of an API enabled user along in the
Authorization header.",
  "url": "/attributes"
}
```

### **Default:**

```
{
  "name": "string",
  "message": "string",
  "url": "/attributes"
}
```

## Add an attribute:

POST

<https://misp.local/attributes/add/{eventId}>

### Resquest:

```
{
  "event_id": "12345",
  "object_id": "12345",
  "object_relation": "sensor",
  "category": "Internal reference",
  "type": "md5",
  "value": "127.0.0.1",
  "to_ids": true,
  "uuid": "c99506a6-1255-4b71-afa5-7b8ba48c3b1b",
  "timestamp": "1617875568",
  "distribution": "0",
  "sharing_group_id": "1",
  "comment": "logged source ip",
  "deleted": false,
  "disable_correlation": false,
```

```
"first_seen": "1581984000000000",  
"last_seen": "1581984000000000"  
}
```

## Response:

### **200:**

```
{  
  "Attribute": {  
    "id": "12345",  
    "event_id": "12345",  
    "object_id": "12345",  
    "object_relation": "sensor",  
    "category": "Internal reference",  
    "type": "md5",  
    "value": "127.0.0.1",  
    "to_ids": true,  
    "uuid": "c99506a6-1255-4b71-afa5-7b8ba48c3b1b",  
    "timestamp": "1617875568",  
    "distribution": "0",  
    "sharing_group_id": "1",  
    "comment": "logged source ip",  
    "deleted": false,  
    "disable_correlation": false,  
    "first_seen": "1581984000000000",  
    "last_seen": "1581984000000000"  
  }  
}
```

### **403:**

```
{  
  "name": "Authentication failed. Please make sure you pass the API key of an API enabled user along in the  
Authorization header.",  
  "message": "Authentication failed. Please make sure you pass the API key of an API enabled user along in the  
Authorization header.",  
  "url": "/attributes"  
}
```

### **Default:**

```
{
  "name": "string",
  "message": "string",
  "url": "/attributes"
}
```

## Edit an attribute:

PUT

<https://misp.local/attributes/edit/{attributeId}>

### Request:

```
{
  "id": "12345",
  "event_id": "12345",
  "object_id": "12345",
  "object_relation": "sensor",
  "category": "Internal reference",
  "type": "md5",
  "value": "127.0.0.1",
  "to_ids": true,
  "uuid": "c99506a6-1255-4b71-afa5-7b8ba48c3b1b",
  "timestamp": "1617875568",
  "distribution": "0",
  "sharing_group_id": "1",
  "comment": "logged source ip",
  "deleted": false,
  "disable_correlation": false,
  "first_seen": "1581984000000000",
  "last_seen": "1581984000000000"
}
```

### Response:

**200:**



```
{
  "Attribute": {
    "id": "12345",
    "event_id": "12345",
    "object_id": "12345",
    "object_relation": "sensor",
    "category": "Internal reference",
    "type": "md5",
    "value": "127.0.0.1",
    "to_ids": true,
    "uuid": "c99506a6-1255-4b71-afa5-7b8ba48c3b1b",
    "timestamp": "1617875568",
    "distribution": "0",
    "sharing_group_id": "1",
    "comment": "logged source ip",
    "deleted": false,
    "disable_correlation": false,
    "first_seen": "1581984000000000",
    "last_seen": "1581984000000000"
  }
}
```

#### **403:**

```
{
  "name": "Authentication failed. Please make sure you pass the API key of an API enabled user along in the Authorization header.",
  "message": "Authentication failed. Please make sure you pass the API key of an API enabled user along in the Authorization header.",
  "url": "/attributes"
}
```

#### **404:**

```
{
  "name": "Invalid attribute",
  "message": "Invalid attribute",
  "url": "/attributes/1234"
}
```

### **Default:**

```
{
  "name": "string",
  "message": "string",
  "url": "/attributes"
}
```

## Delete an attribute:

DELETE

<https://misp.local/attributes/delete/{attributeId}>

### Response:

#### **200:**

```
{
  "message": "Attribute deleted."
}
```

#### **403:**

```
{
  "name": "Authentication failed. Please make sure you pass the API key of an API enabled user along in the Authorization header.",
  "message": "Authentication failed. Please make sure you pass the API key of an API enabled user along in the Authorization header.",
  "url": "/attributes"
}
```

#### **404:**

```
{
  "name": "Invalid attribute",
  "message": "Invalid attribute",
  "url": "/attributes/1234"
}
```

```
}
```

### **Default:**

```
{  
  "name": "string",  
  "message": "string",  
  "url": "/attributes"  
}
```

## Restore an attribute:

POST

<https://misp.local/attributes/restore/{attributeId}>

### Response:

### **200:**

```
{  
  "Attribute": {  
    "id": "12345",  
    "event_id": "12345",  
    "object_id": "12345",  
    "object_relation": "sensor",  
    "category": "Internal reference",  
    "type": "md5",  
    "value": "127.0.0.1",  
    "to_ids": true,  
    "uuid": "c99506a6-1255-4b71-afa5-7b8ba48c3b1b",  
    "timestamp": "1617875568",  
    "distribution": "0",  
    "sharing_group_id": "1",  
    "comment": "logged source ip",  
    "deleted": false,  
    "disable_correlation": false,  
    "first_seen": "1581984000000000",  
    "last_seen": "1581984000000000"  
  }  
}
```

```
}
```

#### **403:**

```
{
  "name": "Authentication failed. Please make sure you pass the API key of an API enabled user along in the
Authorization header.",
  "message": "Authentication failed. Please make sure you pass the API key of an API enabled user along in the
Authorization header.",
  "url": "/attributes"
}
```

#### **404:**

```
{
  "name": "Invalid attribute",
  "message": "Invalid attribute",
  "url": "/attributes/1234"
}
```

#### **Default:**

```
{
  "name": "string",
  "message": "string",
  "url": "/attributes"
}
```

## Add a tag to an attribute:

POST

<https://misp.local/attributes/addTag/{attributeId}/{tagId}/local:{local}>

### Response:

#### **200:**

```
{
  "saved": true,
  "success": "Tag added.",
  "check_publish": true,
  "errors": "Tag could not be added."
}
```

#### **403:**

```
{
  "name": "Authentication failed. Please make sure you pass the API key of an API enabled user along in the Authorization header.",
  "message": "Authentication failed. Please make sure you pass the API key of an API enabled user along in the Authorization header.",
  "url": "/attributes"
}
```

#### **404:**

```
{
  "name": "Invalid attribute",
  "message": "Invalid attribute",
  "url": "/attributes/1234"
}
```

#### **Default:**

```
{
  "name": "string",
  "message": "string",
  "url": "/attributes"
}
```

## Remove a tag from an attribute:

POST

<https://misp.local/attributes/removeTag/{attributeId}/{tagId}>

Response:

## **200:**

```
{
  "saved": true,
  "success": "Tag removed.",
  "check_publish": true,
  "errors": "Tag could not be added."
}
```

## **403:**

```
{
  "name": "Authentication failed. Please make sure you pass the API key of an API enabled user along in the Authorization header.",
  "message": "Authentication failed. Please make sure you pass the API key of an API enabled user along in the Authorization header.",
  "url": "/attributes"
}
```

## **404:**

```
{
  "name": "Invalid attribute",
  "message": "Invalid attribute",
  "url": "/attributes/1234"
}
```

## **Default:**

```
{
  "name": "string",
  "message": "string",
  "url": "/attributes"
}
```

## Get a list of attributes:

GET

<https://misp.local/attributes>

## Response:

### **200:**

```
[
  {
    "id": "12345",
    "event_id": "12345",
    "object_id": "12345",
    "object_relation": "sensor",
    "category": "Internal reference",
    "type": "md5",
    "value": "127.0.0.1",
    "to_ids": true,
    "uuid": "c99506a6-1255-4b71-afa5-7b8ba48c3b1b",
    "timestamp": "1617875568",
    "distribution": "0",
    "sharing_group_id": "1",
    "comment": "logged source ip",
    "deleted": false,
    "disable_correlation": false,
    "first_seen": "1581984000000000",
    "last_seen": "1581984000000000"
  }
]
```

### **403:**

```
{
  "name": "Authentication failed. Please make sure you pass the API key of an API enabled user along in the Authorization header.",
  "message": "Authentication failed. Please make sure you pass the API key of an API enabled user along in the Authorization header.",
  "url": "/attributes"
}
```

### **Default:**

```
{
  "name": "string",
  "message": "string",
}
```

```
"url": "/attributes"
}
```

## Get the count of attributes per category:

GET

<https://misp.local/attributes/attributeStatistics/{context}/{percentage}>

### Response:

#### 200:

```
[
  {
    "Antivirus detection": "10"
  },
  {
    "Artifacts dropped": "20"
  }
]
```

#### 403:

```
{
  "name": "Authentication failed. Please make sure you pass the API key of an API enabled user along in the Authorization header.",
  "message": "Authentication failed. Please make sure you pass the API key of an API enabled user along in the Authorization header.",
  "url": "/attributes"
}
```

#### Default:

```
{
  "name": "string",
  "message": "string",
  "url": "/attributes"
}
```



# Get a list of the available attribute types:

GET

<https://misp.local/attributes/describeTypes>

## Response:

**200:**

```
{
  "sane_defaults": {
    "md5": {
      "default_category": "Payload delivery",
      "to_ids": 1
    },
    "pdb": {
      "default_category": "Artifacts dropped",
      "to_ids": 0
    }
  },
  "types": [
    "md5"
  ],
  "categories": [
    "Internal reference"
  ],
  "category_type_mappings": {
    "Internal reference": [
      "text",
      "link",
      "comment",
      "other"
    ],
    "Antivirus detection": [
      "link",
      "comment",
      "text",
      "hex",
```

```
"other"  
]  
}  
}
```

### **403:**

```
{  
  "name": "Authentication failed. Please make sure you pass the API key of an API enabled user along in the  
Authorization header.",  
  "message": "Authentication failed. Please make sure you pass the API key of an API enabled user along in the  
Authorization header.",  
  "url": "/attributes"  
}
```

### **Default:**

```
{  
  "name": "string",  
  "message": "string",  
  "url": "/attributes"  
}
```

---

Revision #5

Created 13 April 2024 13:23:43 by İlayda Durlanık

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