

Permits API

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Pull API: Permit Stats

The OPSCOM Controller provides a simple JSON based API to integrate with. Clients use this API to gather stats on permits pushed into OPSCOM.

API access is a paid feature and must be granted by OPSCOM. Email your Account Executive to negotiate access.

Making API Requests

Make sure you set the HTTP Content-Type header to be application/json.

Raw Request:

```
POST /api/OC-TOMA/v1/permits/stats HTTP/1.1
Host: controller.operationscommander.io
Accept: application/json
Content-Type: application/json
Cache-Control: no-cache
```

```
{
  "apiToken": "YOUR-API-TOKEN",
  "zones": "NOT-REQUIRED--LIST-OF-ZONES"
}
```

JavaScript Request

```
var request = new XMLHttpRequest();
```

```
request.open( 'POST' , 'https://controller.operationscommander.io/api/OC-TOMA/v1/permits/stats' );
```

```
request.setRequestHeader( 'Content-Type' , 'application/json' );
request.setRequestHeader( 'Accept' , 'application/json' );
```

```
request.onreadystatechange = function () {
```

```

if ( this.readyState === 4) {
    console.log( 'Status:', this.status);
    console.log( 'Headers:', this.getAllResponseHeaders());
    console.log( 'Body:', this.responseText);
}
};

```

```

var body = {
    "apiToken" : "YOUR-API-TOKEN" ,
    "zones" : "Lot 01,Lot 02"
}
request.send(JSON.stringify(body));

```

Request Object Attributes

A	T	L	P	D
t	y	i	o	e
t	p	m	s	s
r	e	i	s	c
i	t	i	r	
b	s	b	i	
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	c	t)	
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	r	a	o	u
	l	p	r	s
	h	a	u	p
	n	u	p	p
	m	e	i	e
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	c	i	P	I
	n	c	T	o
	l	u	k	e
	d	i	n	.
	g	d		
	a	s		
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		a		i
		m		m
		e		i
		s		t
		i		e
		n		d
		d		l
		a		i
		t		s
		a		t
		b		o
		a		f
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Successful Response

The response will be a json object. The same reference id will be returned.

Content-Type: application/json

```
{
  "data" : [
    {
      "type" : "standard" ,
      "zone" : "zone1" ,
      "total" : "4"
    },
    {
      "type" : "temp" ,
      "zone" : "zone1" ,
      "total" : "35"
    },
  ],
  :
  :
}
```

Push API: Permit Delete

API access is a paid feature and must be granted by OPSCOM. Email your Account Executive to negotiate access.

The OPSCOM Controller provides a simple JSON based API to integrate with. Clients use this API to directly feed details about existing paid permits and their changes into OPSCOM from other systems such as Parking apps.

Make sure you set the HTTP Content-Type header to be application/json.

Making API Requests

Raw Request:

```
POST
/api/OC-
TOMA/v1/p
ermits/de
lete
HTTP/1.1
Host:
controlle
r.operati
onscomman
der.io
Accept:
applicati
on/json
Content-
Type:
applicati
on/json
Cache-
Control:
no-cache
```

```
{
  "apiToken":
  "YOUR-
API-
TOKEN",
  "referenceID":
  "PREVIOUS
-
REFERENCE
-ID"
}
```

JavaScript Request:


```
var  
request  
= new  
XMLHttpRe  
quest();
```

```
request.o  
pen(  
'POST'  
, '  
https://c  
ontroller  
.operatio  
nscommand  
er.io/api  
/OC-  
TOMA/v1/p  
ermits/de  
lete');
```

```
request.s  
etRequest  
Header(  
'Content-  
Type', '  
'applicat  
ion/json'  
);
```

```
request.s  
etRequest  
Header(  
'Accept'  
, '  
'applicat  
ion/json'  
);
```

```
request.o  
nreadystatechange  
=   
function  
( ) {
```

Request Object Attributes

Attribute	Type	Limits	Possible Names	Description
apiToken	String	50-character alphanumeric including dashes	apiToken	(Required) Your supplied API Token.
Reference ID	String	50-character alphanumeric including dashes	referenceId reference_id	(Required) This value is supplied when the permit push api is successful. e.g. 1a9b5375-cb75-4c71-9939-eeae550b09ac

Successful Response

The response will be a json object. The same reference id will be returned.

Content-Type: application/json

```
{
  "status":
  "success"
,
  "reference_id":
  "1a9b5375-
cb75-
4c71-
9939-
eeae550b0
9ac" ,
  "Internal
Reference
ID":
  "1a9b5375-
cb75-
4c71-
9939-
eeae550b0
9ac"
}
```

Push API: Permit Create

API access is a paid feature and must be granted by OPSCOM. Email your Account Executive to negotiate access.

The OPSCOM Controller provides a simple JSON based API to integrate with. Clients use this API to directly feed paid permit details into OPSCOM from other systems such as Parking Meters. Any permit types whether Validator, Temporary or Standard can be feed to OPSCOM using this API

Make sure you set the HTTP Content-Type header to be application/json.

Making API Requests

Raw Request:


```
POST
/api/OC-
TOMA/v1/p
ermits/pu
sh
HTTP/1.1
Host:
controlle
r.operati
onscomman
der.io
Accept:
applicati
on/json
Content-
Type:
applicati
on/json
Cache-
Control:
no-cache
```

```
{
  "apiToken
": "YOUR-
API-
TOKEN",
  "Amount":
"14.50",
  "Currency
ID":
"CAD",
  "LicenceP
late":
"PL8RDR",
  "zone":
"Lot 4",
  "permitNo
": "L4-
1138",
```

JavaScript Request:


```
var  
request  
= new  
XMLHttpRe  
quest();
```

```
request.o  
pen(  
'POST'  
, '  
https://c  
ontroller  
.operatio  
nscommand  
er.io/api  
/OC-  
TOMA/v1/p  
ermits/pu  
sh' );
```

```
request.s  
etRequest  
Header(  
'Content-  
Type' ,  
'applicat  
ion/json'  
);
```

```
request.s  
etRequest  
Header(  
'Accept'  
,  
'applicat  
ion/json'  
);
```

```
request.o  
nreadystatechange  
=  
function  
( ) {
```

Request Object Attributes

Attribute	Type	Limits	Possible Names	Description
apiToken	String	50-character alphanumeric including dashes	apiToken	(Required) Your supplied API Token.
Amount	String	9-character decimal	amount Amount	<i>(Optional)</i> Transaction amount This must contain at least 3 digits, two of which are penny values. The minimum allowable value is \$0.01, and the maximum allowable value is \$999999.99.
Currency	String	10-characters	currency CurrencyID	<i>(Optional)</i> CAD, USD

Attribute	Type	Limits	Possible Names	Description
Start Date	String	20-characters Y-m-d\TH:i:s format.	startTime StartDateUtc	(Required) Must be in the format of Y-m-d\TH:i:s e.g. 2000-05-30T14:38:22 For formatting help, see PHP Date Formatting
End Date	String	20-characters Y-m-d\TH:i:s format.	endTime EndDateUtc	(Required) Must be in the format of Y-m-d\TH:i:s e.g. 2000-05-30T14:38:22 For formatting help, see PHP Date Formatting
License Plate	String	25-characters	plate LicencePlate	(Required) The plate of the vehicle.
Ticket Number	String	50-characters	permitNo TicketNumber	<i>(Optional)</i>

Attribute	Type	Limits	Possible Names	Description
Zone Name	String	200- characters	zone ParkingZone Name	<i>(Optional)</i> If the zone does not match a zone in our system, it will be a disconnected record and may not report properly.

Successful Response

The response will be a json object.

Content-Type: application/json

```
{
  "status":
  "success"
,
  "reference_id":
  "1a9b5375-
cb75-
4c71-
9939-
eeae550b0
9ac" ,
  "Internal
Reference
ID":
  "1a9b5375-
cb75-
4c71-
9939-
eeae550b0
9ac"
}
```

Push API: Permit Update

API access is a paid feature and must be granted by OPSCOM. Email your Account Executive to negotiate access.

The OPSCOM Controller provides a simple JSON based API to integrate with. Clients use this API to directly feed paid permit details into OPSCOM from other systems such as Parking Apps.

Make sure you set the HTTP Content-Type header to be application/json.

Making API Requests

Raw Request:


```
POST
/api/OC-
TOMA/v1/p
ermits/up
date
HTTP/1.1
Host:
controlle
r.operati
onscomman
der.io
Accept:
applicati
on/json
Content-
Type:
applicati
on/json
Cache-
Control:
no-cache
```

```
{
  "apiToken
": "YOUR-
API-
TOKEN",
  "referenc
eID":
"PREVIOUS
-
REFERENCE
-ID",
  "plate":
"PL8RDR",
  "Amount":
"14.50",
  "currency
":
"CAD",
  "endTime"
```

JavaScript Request:


```
var  
request  
= new  
XMLHttpRe  
quest();
```

```
request.o  
pen(  
'POST'  
, '  
https://c  
ontroller  
.operatio  
nscommand  
er.io/api  
/OC-  
TOMA/v1/p  
ermits/up  
date');
```

```
request.s  
etRequest  
Header(  
'Content-  
Type', '  
'applicat  
ion/json'  
);
```

```
request.s  
etRequest  
Header(  
'Accept'  
, '  
'applicat  
ion/json'  
);
```

```
request.o  
nreadystatechange  
=   
function  
( ) {
```

Request Object Attributes

A	T	L	P	D
t	y	i	o	e
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b		s	b	i
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Successful Response

The response will be a json object. The same reference id will be returned.

Content-Type: application/json

```
{
  "status":
  "success",
  "reference_id":
  "1a9b5375-
cb75-
4c71-
9939-
eeae550b0
9ac",
  "Internal
Reference
ID":
  "1a9b5375-
cb75-
4c71-
9939-
eeae550b0
9ac"
}
```