title: "Create event" description: "Create an event in the user's default calendar or specified calendar."

Create event

Namespace: microsoft.graph

Create an [event] in the user's default calendar or specified calendar.

By default, the **allowNewTimeProposals** property is set to true when an event is created, which means invitees can propose a different date/time for the event. See Propose new meeting times for more information on how to propose a time, and how to receive and accept a new time proposal.

You can specify the time zone for each of the start and end times of the event as part of their values, because the **start** and **end** properties are of [dateTimeTimeZone] type. First [find the supported time zones] to make sure you set only time zones that have been configured for the user's mailbox server.

When an event is sent, the server sends invitations to all the attendees.

Setting the location in an event

An Exchange administrator can set up a mailbox and an email address for a resource such as a meeting room, or equipment like a projector. Users can then invite the resource as an attendee to a meeting. On behalf of the resource, the server accepts or rejects the meeting request based on the free/busy schedule of the resource. If the server accepts a meeting for the resource, it creates an event for the meeting in the resource's calendar. If the meeting is rescheduled, the server automatically updates the event in the resource's calendar.

Another advantage of setting up a mailbox for a resource is to control scheduling of the resource, for example, only executives or their delegates can book a private meeting room.

If you're organizing an event that involves a meeting location:

1. Set the **location** property of the **event** accordingly.
2. Set the optional **locationEmailAddress** property if the meeting location has an email address.

Additionally, if the meeting location has been set up as a resource, or if the event involves some equipment that has been set up as a resource:

3. Invite the resource as an [attendee]
4. Set the attendee **type** property as `resource`.
5. Set the attendee **emailAddress** as the resource email address.

[!INCLUDE [national-cloud-support]]

Permissions

One of the following permissions is required to call this API. To learn more, including how to choose permissions, see Permissions.

Permission type	Permissions (from least to most privileged)
Delegated (work or school account)	Calendars.ReadWrite
Delegated (personal Microsoft account)	Calendars.ReadWrite
Application	Calendars.ReadWrite

HTTP request

```
POST /me/events
POST /users/{id | userPrincipalName}/events

POST /me/calendar/events
POST /users/{id | userPrincipalName}/calendar/events

POST /me/calendars/{id}/events
POST /users/{id | userPrincipalName}/calendars/{id}/events
```

Request headers

Header	Value
Authorization	Bearer {token}. Required.

Header	Value
Content-Type	application/json. Required.

Request body

In the request body, supply a JSON representation of [event] object.

Since the **event** resource supports [extensions], you can use the `POST` operation and add custom properties with your own data to the event while creating it.

Response

If successful, this method returns `201 Created` response code and [event] object in the response body.

Examples

Example 1: Create an event in the specified time zone, and assign the event an optional transactionId value.

Request

Here is an example of the request. It uses the `Prefer: outlook.timezone` request header to specify the time zone for the start and end times in the response. It also sets the **transactionId** property to reduce unnecessary retries on the server.

HTTP

```
POST https://graph.microsoft.com/v1.0/me/events
Prefer: outlook.timezone="Pacific Standard Time"
Content-type: application/json

{
  "subject": "Let's go for lunch",
  "body": {
    "contentType": "HTML",
    "content": "Does noon work for you?"
  },
  "start": {
      "dateTime": "2017-04-15T12:00:00",
      "timeZone": "Pacific Standard Time"
  },
  "end": {
      "dateTime": "2017-04-15T14:00:00",
      "timeZone": "Pacific Standard Time"
  },
  "location":{
      "displayName":"Harry's Bar"
  },
  "attendees": [
    {
      "emailAddress": {
        "address":"samanthab@contoso.onmicrosoft.com",
        "name": "Samantha Booth"
      },
      "type": "required"
    }
  ],
  "allowNewTimeProposals": true,
  "transactionId":"7E163156-7762-4BEB-A1C6-729EA81755A7"
}
```

In the request body, supply a JSON representation of event object.

Response

Here is an example of the response, which shows the **start** and **end** properties use the time zone specified in the `Prefer: outlook.timezone` header. Note: The response object shown here might be shortened for readability.

```
HTTP/1.1 201 Created
Content-type: application/json

{
    "@odata.context":"https://graph.microsoft.com/v1.0/$metadata#users('cd209b0b-3f83-4c35-82d2-d88a61820480')/events/$entity",
    "@odata.etag":"W/\"ZlnW4RIAV06KYYwlrfNZvQAALfZeRQ==\"",
    "id":"AAMkAGI1AAAt9AHjAAA=",
    "createdDateTime":"2017-04-15T03:00:50.7579581Z",
    "lastModifiedDateTime":"2017-04-15T03:00:51.245372Z",
    "changeKey":"ZlnW4RIAV06KYYwlrfNZvQAALfZeRQ==",
    "categories":[

    ],
    "originalStartTimeZone":"Pacific Standard Time",
    "originalEndTimeZone":"Pacific Standard Time",
    "iCalUId":"040000008200E00074C5B7101A82E00800000000DA2B357D94B5D201000000000000000010000000EC4597557F0CB34EA4CC2887EA7B17C3",
    "reminderMinutesBeforeStart":15,
    "isReminderOn":true,
    "hasAttachments":false,
    "hideAttendees": false,
    "subject":"Let's go brunch",
    "bodyPreview":"Does noon work for you?",
    "importance":"normal",
    "sensitivity":"normal",
    "isAllDay":false,
    "isCancelled":false,
    "isDraft": false,
    "isOrganizer":true,
    "responseRequested":true,
    "seriesMasterId":null,
    "transactionId":"7E163156-7762-4BEB-A1C6-729EA81755A7",
    "showAs":"busy",
    "type":"singleInstance",
    "webLink":"https://outlook.office365.com/owa/?itemid=AAMkAGI1AAAt9AHjAAA%3D&exvsurl=1&path=/calendar/item",
    "onlineMeetingUrl":null,
    "isOnlineMeeting":false,
    "onlineMeetingProvider":"unknown",
    "onlineMeeting":null,
    "allowNewTimeProposals": true,
    "responseStatus":{
        "response":"organizer",
        "time":"0001-01-01T00:00:00Z"
    },
    "body":{
        "contentType":"html",
        "content":"<html><head></head><body>Does late morning work for you?</body></html>"
    },
    "start":{
        "dateTime":"2017-04-15T11:00:00.0000000",
        "timeZone":"Pacific Standard Time"
    },
    "end":{
        "dateTime":"2017-04-15T12:00:00.0000000",
        "timeZone":"Pacific Standard Time"
    },
    "location": {
        "displayName": "Harry's Bar",
        "locationType": "default",
        "uniqueId": "Harry's Bar",
        "uniqueIdType": "private"
    },
    "locations": [
        {
```

```json
            {
                "displayName": "Harry's Bar",
                "locationType": "default",
                "uniqueIdType": "unknown"
            }
        ],
        "recurrence":null,
        "attendees":[
            {
                "type":"required",
                "status":{
                    "response":"none",
                    "time":"0001-01-01T00:00:00Z"
                },
                "emailAddress":{
                    "name":"Samantha Booth",
                    "address":"samanthab@contoso.onmicrosoft.com"
                }
            }
        ],
        "organizer":{
            "emailAddress":{
                "name":"Dana Swope",
                "address":"danas@contoso.onmicrosoft.com"
            }
        }
    }
}
```