**Parameters**

| Parameter | Description |
| --- | --- |
| key | REQUIRED   Your unique API key you get after [register](https://timezonedb.com/register) your account. |
| format | OPTIONAL   The response format from API. It can be either **xml** or **json**.   **DEFAULT:** xml |
| callback | OPTIONAL   Use for JavaScript JSON callback. |
| fields | OPTIONAL   Customize the field to display in response. Use commas ("," without spaces) to separate the field names.   **FIELDS:**countryCode, countryName, regionName, cityName, zoneName, abbreviation, gmtOffset, dst, dstStart, dstEnd, nextAbbreviation, timestamp, formatted  **DEFAULT:**all |
| by | REQUIRED   The method of lookup.   * **zone** - Lookup local time by using a [time zone](https://timezonedb.com/time-zones) name. * **position** - Lookup local time by using latitude & longitude of a city. * PREMIUM   **city** - Lookup time zone by searching city name.   * PREMIUM   **ip** - Lookup time zone based on visitor IP address. |
| zone | REQUIRED   A time zone abbreviation or [time zone](https://timezonedb.com/time-zones) name. Required if lookup by **zone** method. |
| lat | REQUIRED   Latitude of a city. Required if lookup by **position** method. |
| lng | REQUIRED   Longitude of a city. Required if lookup by **position** method. |
| country | REQUIRED   A valid ISO 3166 [country code](https://timezonedb.com/country-codes). Required if lookup by **city** method. |
| region | OPTIONAL   A valid [region code](https://timezonedb.com/us-region-codes) of United States. Optional when lookup by **city** method to limit the search result. |
| city | REQUIRED   The name of a city. Use asterisk (\*) for wildcard search. Required if lookup by **city** method. |
| page | OPTIONAL   Navigate to other page when result is more than 25 records. |
| time | OPTIONAL  [Unix time](https://timezonedb.com/unix-time) in UTC.   **DEFAULT:** Current UTC time. |

**Responses**

| Field | Description |
| --- | --- |
| status | Status of the API query. Either **OK** or **FAILED**. |
| message | Error message. Empty if no error. |
| countryCode | [Country code](https://timezonedb.com/country-codes) of the time zone. |
| countryName | [Country name](https://timezonedb.com/country-codes) of the time zone. |
| zoneName | The [time zone](https://timezonedb.com/time-zones) name. |
| abbreviation | Abbreviation of the time zone. |
| gmtOffset | The time offset in seconds based on UTC time. |
| dst | Whether Daylight Saving Time (DST) is used. Either **0** (No) or **1** (Yes). |
| dstStart | The [Unix time](https://timezonedb.com/unix-time) in UTC when current time zone start. |
| dstEnd | The [Unix time](https://timezonedb.com/unix-time) in UTC when current time zone end. |
| timestamp | Current local time in [Unix time](https://timezonedb.com/unix-time). Minus the value with **gmtOffset** to get UTC time. |
| formatted | Formatted timestamp in **Y-m-d h:i:s** format. E.g.: 2018-01-28 17:07:04 |
| totalPage | The total page of result when exceed 25 records. |
| currentPage | Current page when navigating. |