

# Stay creation API

v1.2

## Definitions

---

- `api_key` - A secret key assigned to a Hotel establishment on the Hotelcloud platform
- CRUD - Create/Retrieve/Update/Delete
- `timestamp` - ISO8601 UTC timestamp

## Abstract

---

This document outlines the steps needed to be taken in order to create stays on the Hotelcloud platform.

## General requirements

---

1. The partner SHALL store the secret key (`api_key`) of the Hotelcloud platform on a reasonably secure medium (e.g. this key SHALL be known only to the partner's backend).
2. The partner SHALL implement the API described below for communicating with the Hotelcloud platform.

## The API

---

### Endpoint

1. The base URL for the API SHALL be <http://www.thehostcloud.co/api/>

### HTTP Headers

1. The partner SHALL provide the `api_key` in the Authorization header in the following format: "Authorization: `api_key=XXX`" where XXX denotes the `api_key`.
2. The Content-Type header SHALL be "application/json"

## REST API

- GET /api/stays

Returns a JSON array of the stays.

- GET /api/stays/:id

Returns a JSON object of the specific stay denoted by :id

- DELETE /api/stays/:id

Destroys a specific stay denoted by :id

- POST /api/stays

Creates the stay, the payload SHALL be in the form:

```
{
  check_in_at: timestamp,
  check_out_at: timestamp,
  last_name: string,
  room: string (optional),
  reservation_number: string (optional),
  external_ref: string (optional),
  auth_token: string (optional),
  site_id: integer (optional)
}
```

- PUT /api/stays/:id

Updates the specific stay denoted by :id. The payload format is the same as in the POST method above.