**Introduction to APIs solutions**

1. The API requires authentication.
2. a, There is a radius property in the request parameters.

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b, The “Description” field gives the description of an individual event.

1. There is a limitation to which a single client can request for responses.

Clients receive error responses when they make too many requests too quickly.

If clients then continue to put in incessant requests, they can be blocked for the rest of the hour.

Thus it is advised to tune the client’s request frequency so that it is not throttled.

1. Some of the errors include the following;

-When there is a problem with the request, for example, incorrect or missing parameters, you would get the **400 Bad request error**

-When you don’t provide a valid token, you would get the **401 Unauthorized error**

-When the request limit is exceeded you would get the **429 Too Many Requests error**

-The 500 Internal Server error is another example of an unexpected error on the servers.