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rMSE API

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Hello Kazymir,

Here is the API endpoint for rMSE: <https://api.stg.rmse.gasp.gov.sg/evaluate>. Please note that this is a staging environment as the production env is undergoing upgrades. Rate limit at 1qps. For this to work, you will need to setup a callback API to receive the results.

Supply the API key in the header of your HTTP POST request: `nxhfhADQfRaAnnloeZylz5RzMpzrs0nm1g8rGjlp`

Python

```
headers = {  
    "x-api-key": YOUR_API_KEY,  
    "Content-Type": "application/json",  
    "accept": "application/json",  
}
```

Send the URL in the body of your HTTP POST request.

POST /evaluate

Request

External Use?	Field	Data Type	Description	Default	Required?
Yes	url	string	URL to be evaluated, which must start with http:// or https://	NA	yes
Yes	webhook	string	Webhook that will receive evaluation result	NA	no
Yes	max_redirects	integer	Max number of url redirects that will be followed	5	no
Yes	device_type	[]string	Device type to use. They will be mapped to corresponding user agents	["iOS", "Android", "Desktop"]	no
Yes	source	string	Source of traffic	<empty>	no

Use the source "kaz" so that we know it is you. This will help us troubleshoot if needed.

## Sample Evaluate Request

```
{
  "url": "https://dbs.com/",
  "webhook": "https://callback_url.com/rmse_callback",
  "max_redirects": 5,
  "device_type": [
    "iOS",
    "Android",
    "Desktop"
  ],
  "source": "kaz",
```

The response will be something like this. We have disabled assessments on every redirect hop (to save compute costs) so the risk scores will be the same for all items in the list.

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## Sample Callback Payload

Unset ▼

```
{
  "url_id": "676f57cf-6348-43b5-85fd-81f4b9228027",
  "url": "https://dbs.com/",
  "evaluation_result": [
    {
      "evaluation_id": "ac7f8a47-f53f-4b57-bcc3-c6530bdccbdf",
      "url": "https://dbs.com/",
      "created_at": "2024-09-13T06:57:59.811948",
      "updated_at": "2024-09-13T06:57:59.811999",
      "classification": "BENIGN",
      "score": 0.0,
      "model_name": "rmse_v3.1_gwr_only"
    },
    {
      "evaluation_id": "3b43166a-8a55-43a6-befe-50aee13c4506",
      "url": "https://www.dbs.com/",
      "created_at": "2024-09-13T06:57:59.822075",
      "updated_at": "2024-09-13T06:57:59.822126",
      "classification": "BENIGN",
      "score": 0.0,
      "model_name": "rmse_v3.1_gwr_only"
    }
  ],
```

Thanks