

# Chainlink VRF Web2 API specifications

## API and SDK Documentation

Version: 1.0.0

Chainlink VRF Web2 API specifications, version 1.0.0.

## Request

### requestRandomness

Request randomness from Chainlink VRF.

POST

/randomness

#### Usage and SDK Samples

Curl

```
curl -X POST \
-H "Accept: application/json" \
-H "Content-Type: application/json" \
"http://chain.link/api/vrf-web2/v1/randomness" \
-d ''
```

#### Scopes

#### Parameters

Body parameters

Name	Description
vrfRequestBody *	<div>A Chainlink VRF request.</div> <div><div>▼ VRF Request body { []</div><div><i>The body of a Chainlink VRF request</i></div><div>Required: signature,subID</div><div>subID: integer (int64) Example: 1</div><div>signature: ▼ [] string <i>The VRF transaction to be executed on-chain, signed by its end-user</i> Example: 0x123...</div></div>

#### Responses

Status: 200 - successful operation

Schema

▼ **Translation request payload { }**  
*Payload from a Chainlink VRF request*

```
requestID: integer (int64)
```

# Retrieve

## getRandomness

Retrieves the result of a VRF request.

GET

/randomness

### Usage and SDK Samples

Curl

```
curl -X GET \  
-H "Accept: application/json" \  
"http://chain.link/api/vrf-web2/v1/randomness?requestID=79"
```

### Scopes

### Parameters

Query parameters

Name	Description
requestID*	int64 <i>Request ID of the Chainlink VRF request.</i> Required

### Responses

**Status: 200 - successful operation**

Schema

▼ **getRandomness payload { }**  
*The randomness generated for this VRF request. If not yet generated, randomness will be 0.*

```
randomness: int64
```

# verifyRandomness

Verifies the result of a VRF request.

GET

/verify

## Usage and SDK Samples

Curl

```
curl -X GET \
-H "Accept: application/json" \
"http://chain.link/api/vrf-web2/v1/verify?requestID=79&randomness=79858736628595746362811"
```

## Scopes

## Parameters

Query parameters

Name	Description
requestID*	<div>int64</div> <div>The request ID of the Chainlink VRF request</div> <div>Required</div>
randomness*	<div>int256</div> <div>The randomness retrieved from the Chainlink VRF request</div> <div>Required</div>

## Responses

Status: 200 - successful operation

Schema

▼ verifyRandomness payload { []

The verification result for a VRF request. If the randomness provided matches the on-chain result, verified is be true. Otherwise, verified is false.

verified: boolean