

[Suggest Edits](#)

1. Initialization call
2. Manifest call
3. Verification call

Verite verification flow

The verification flow starts with the initialization call.

Endpoint

POST: /verifications

Query

```
Initialization Query Payload { "network": "ethereum", "chainId": 1337, "subject": "0xf39fd6e51aad88f6f4ce6ab8827279cfff92266" }
```

Response

```
Initialization Response { 'challengeTokenUrl': 'https://verifier-sandbox.circle.com/api/v1/verifications/14b2ade1-389c-4acc-87c6-89d96c95af28', 'statusUrl': 'https://verifier-sandbox.circle.com/api/v1/verifications/14b2ade1-389c-4acc-87c6-89d96c95af28/status' }
```

Manifest call

Endpoint

GET: /verifications/{id}

The Manifest step calls the `challengeTokenUrl` from the initialization call's response. It is a GET call without additional parameters.

Response

The response is a manifest list that the server accepts. It contains many meta fields as well as fields that should be carried to the verification call.

Manifest call response { "id": "14b2ade1-389c-4acc-876c-89d96c95af28", "type": "https://circle.com/types/VerificationRequest", "from": "did:web:circle.com", "created_time": "2022-09-26T18:42:17.687Z", "expires_time": "2022-10-26T18:42:17.687Z", "reply_url": "https://verifier-sandbox.circle.com/api/v1/verifications/14b2ade1-389c-4acc-876c-89d96c95af28/status", "challenge": "126c210d-f458-eac7-a0d2-0e0a2b8aac42", "presentation_definition": { "id": "14b2ade1-389c-4acc-876c-89d96c95af28", "format": { "jwt": { "alg": ["EdDSA", "ES256K"] }, "jwt_vp": { "alg": ["EdDSA", "ES256K"] } }, "input_descriptors": { { "id": "kypbaml_input", "name": "Proof of KYBP", "schema": { { "uri": "https://verite.id/definitions/processes/kycaml/0.0.1/generic-usa-legal_person", "required": true } }, "purpose": "Please provide a valid credential from a KYBP/AML issuer", "constraints": { "fields": { { "path": ["issuer.id", "issuer", "vc.issuer", ".iss"], "filter": { "type": "string", "pattern": "did:web:issuer-sandbox.circle.com/*did.web.assets.circle.com" }, "purpose": "The issuer of the credential must be trusted", "predicate": "required" }, { "path": [".credentialSubject.KYBPAMLAttestation.process", "vc.credentialSubject.KYBPAMLAttestation.process", ".KYBPAMLAttestation.process"], "filter": { "type": "string" }, "purpose": "The process used for KYBP/AML", "predicate": "required" }, { "path": [".credentialSubject.KYBPAMLAttestation.approvalDate", "vc.credentialSubject.KYBPAMLAttestation.approvalDate", ".KYBPAMLAttestation.approvalDate"], "filter": { "type": "string", "pattern": "[0-9]{4}-[0-9]{2}-[0-9]{2}:[0-9]{2}:[0-9]{2}:[0-9]{2}:[0-9]{3}" }, "purpose": "The date upon which this KYBP/AML Attestation was issued.", "predicate": "required" }, "statuses": { "active": { "directive": "required", "revoked": { "directive": "disallowed" }, "is_holder": { "field_id": ["subjectId", "directive": "required"] } } } } } reply url field is the URL that the client should call in the verification step.

Verification call

Endpoint

POST: /verifications/{id}

The URL that the client should call at this step is the `reply_url` field in the response of the previous call.

Request

```
{ "credential_fulfillment": { "descriptor_map": [ { "format": "jwt_vc", "id": "proofOfIdentifierControlVP", "path": ".presentation.credential[0]" }, { "id": "e921d5b2-5293-4297-a467-907f9d565e4e",  
    "manifest_id": "KYBPAMAttestation", "presentation_submission": { "id": "bb8fdad5-21aa-4cdf-8ab7-45db21c9c3cc", "credential_map": [ { "format": "jwt_vc", "id": "kybpam_input", "path":  
        ".verifiableCredentia[0]", "definition_uri": "14b2ade1-389c-4acc-87c6-89d9dc6af5a21", "vp": "@context"}, { "format": "VerifiablePresentation",  
        "J0eXdeAfulfillment", "VerifiableCredential"} ] } ], "nonce": "126c210d-f458-4ec7-ad02-0e0a2b8aac42", "sub":  
        "eyJoeXAIOkUv1QiLCjHbGciOIJFUzI1NksifQ.eyJzdWlloikjaWO6a2V5OnpRM3NodjiMGFB2a011UnjZTUdGVijhm0tOSBKA3RicWlyZFViUU1FTXZX0ZWMydEULJCmYuYioJE2NTg5NTM4MjsImzlcytl  
P-QykFEZHuo3SyoNuIZGRILTZPOrhj1owPywjj", "holder": { "did:key:z3qshv378PvkMuRrYMGMFV9a3MtKpkjteqb2UbQMEmvtWc2ie*", "nonce": "126c210d-f458-4ec7-ad02-0e0a2b8aac42", "sub":  
        "0xt39fd6e51aad88bf64ce6ab8827279cffb9226be", "iss": { "did:key:z3qshv378PvkMuRrYMGMFV9a3MtKpkjteqb2UbQMEmvtWc2ie*" } } There are several fields in the query that the clients need to carry  
from either the response of the previous query or the verifiable credential (VC) fetched from the wallet.
```

field in the query field in the response of the previous call iss VC's DID sub wallet's address nonce body.challenge presentation_submission.definition_id body.presentation_definition.id
vp.verifiableCredential VC that is from wallet. vp.holder wallet's address

Response

A successful verification returns a JSON blob, as illustrated below.

```
Verification call response {"status": "success", "verificationResult": {"schema": "verite.id/definitions/processes/kycaml/0.0.1/generic-usa-legal_person", "subject": "0xb4d00788f752b85285b3a21dbdc1b3336d91e", "expiration": "1663906402", "verite_verification_id": "2912e9f1-10af-43a8-82a2-b992a8ccee111", "signature": "0x52ae5b656006abc0b741e1671fab687d71d1369455d4d6ee9ede35262b867dc9e49fc2f59aadb4829b0ce53c7c52b9a88509e29ba880025ec5e503f1cc14da8fb1c"} field name meaning status The status of the verification. verificationResult The result of the verification. signature The signed string, by verifier, of the verificationResult Updated5 months ago Table of Contents * Initialization call * Manifest call * Verification call
```