

# Verifiable Credentials (RFC-081)

## Feedback

A period when the community can review the RFC (comment Docs).

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## Abstract

### 1. Verifiable Credentials functions

Function issueCredential(verificationServiceName)

Function createPresentation(verificationServiceName)

Function verifyPresentation(allowedImplementationNames, environmentData, presentation)

Function registerVerifiableCredentialService(verificationServiceName, implementation)

### Annex 1. Contributors

## Abstract

### 1. Verifiable Credentials functions

#### Function `issueCredential(verificationServiceName)`

**Description:** Issue a credential that will be verifiable on the selected verification service.

| Name                    | Type | Value | Description |
|-------------------------|------|-------|-------------|
| verificationServiceName |      |       |             |

#### Function `createPresentation(verificationServiceName)`

**Description:** Create a presentation (verifiable credential and proofs) with the selected verification service.

| Name                    | Type | Value | Description |
|-------------------------|------|-------|-------------|
| verificationServiceName |      |       |             |

#### Function `verifyPresentation(allowedImplementationNames, environmentData, presentation)`

**Description:** Verify the presentation (verifiable credential and proofs) using the methods specified in the allowed implementations.

| Name                       | Type                         | Value | Description |
|----------------------------|------------------------------|-------|-------------|
| allowedImplementationNames | Array of implementationNames |       |             |
| environmentData            | Array                        |       |             |
| presentation               |                              |       |             |

### Function `registerVerifiableCredentialService(verificationServiceName, implementation)`

**Description:** Register a new verifiable credential service specifying the implementation that should be used.

| Name                    | Type | Value | Description |
|-------------------------|------|-------|-------------|
| verificationServiceName |      |       |             |
| implementation          |      |       |             |

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