

# OpenID Certification Submission Examples v2.1

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## 1. Introduction

This document contains examples of the contents of several sample certification submissions. While every attempt has been made to make contents of these examples accurate, the sets of tests and requirements stated in the testing suite at [op.certification.openid.net](http://op.certification.openid.net) and [rp.certification.openid.net](http://rp.certification.openid.net) are authoritative. See the [OP certification submission procedures](#) for how to make an OP certification request. See the [RP certification submission procedures](#) for how to make an RP certification request.

## 2. Example Certification Submissions

### 2.1 OpenID Provider Conformance Profile Submission Examples

#### 2.1.1 Basic OpenID Provider

In this example, the ProseWare organization is requesting certification of its "Humongous Identity" software to the Basic OpenID Provider profile on April 13, 2015. It submits this zip file as an attachment:

```
ProseWare-Humongous_Identity-OP-Basic-13-Apr-2015.zip
```

with the following contents:

```
code.config.static.sign/OP-claims-essential.html
code.config.static.sign/OP-ClientAuth-Basic-Static.html
code.config.static.sign/OP-ClientAuth-SecretPost-Static.html
code.config.static.sign/OP-display-page.html
code.config.static.sign/OP-display-popup.html
code.config.static.sign/OP-IDToken-kid.html
code.config.static.sign/OP-IDToken-Signature.html
code.config.static.sign/OP-nonce-code.html
code.config.static.sign/OP-nonce-NoReq-code.html
```

code.config.static.sign/OP-OAuth-2nd-30s.html  
code.config.static.sign/OP-OAuth-2nd-Revokes.html  
code.config.static.sign/OP-OAuth-2nd.html  
code.config.static.sign/OP-prompt-login.html  
code.config.static.sign/OP-prompt-login.png  
code.config.static.sign/OP-prompt-none-LoggedIn.html  
code.config.static.sign/OP-prompt-none-NotLoggedIn.html  
code.config.static.sign/OP-redirect\_uri-NotReg.html  
code.config.static.sign/OP-redirect\_uri-NotReg.png  
code.config.static.sign/OP-Req-acr\_values.html  
code.config.static.sign/OP-Req-claims\_locales.html  
code.config.static.sign/OP-Req-id\_token\_hint.html  
code.config.static.sign/OP-Req-login\_hint.html  
code.config.static.sign/OP-Req-max\_age=1.html  
code.config.static.sign/OP-Req-max\_age=1.png  
code.config.static.sign/OP-Req-max\_age=10000.html  
code.config.static.sign/OP-Req-NotUnderstood.html  
code.config.static.sign/OP-Req-ui\_locales.html  
code.config.static.sign/OP-request-Unsigned.html  
code.config.static.sign/OP-request\_uri-Unsigned.html  
code.config.static.sign/OP-Response-code.html  
code.config.static.sign/OP-Response-Missing.html  
code.config.static.sign/OP-Response-Missing.png  
code.config.static.sign/OP-scope-address.html  
code.config.static.sign/OP-scope-All.html  
code.config.static.sign/OP-scope-email.html  
code.config.static.sign/OP-scope-phone.html  
code.config.static.sign/OP-scope-profile.html  
code.config.static.sign/OP-UserInfo-Body.html  
code.config.static.sign/OP-UserInfo-Endpoint.html  
code.config.static.sign/OP-UserInfo-Header.html  
OpenID-Certification-of-Conformance.pdf  
OpenID-Certification-Terms-and-Conditions.pdf

Note that if dynamic registration is supported, the “.static.” in the log file paths above will instead be “.dynamic.” and a slightly different set of tests for this profile will be presented by the test tool. For instance, the OP-ClientAuth-Basic-Static test will be replaced with OP-ClientAuth-Basic-Dynamic. Example contents of a submission for the Basic profile when dynamic registration is supported are:

code.config.dynamic.sign/OP-claims-essential.html  
code.config.dynamic.sign/OP-ClientAuth-Basic-Dynamic.html

code.config.dynamic.sign/OP-ClientAuth-SecretPost-Dynamic.html  
code.config.dynamic.sign/OP-display-page.html  
code.config.dynamic.sign/OP-display-popup.html  
code.config.dynamic.sign/OP-IDToken-kid.html  
code.config.dynamic.sign/OP-nonce-code.html  
code.config.dynamic.sign/OP-nonce-NoReq-code.html  
code.config.dynamic.sign/OP-OAuth-2nd-30s.html  
code.config.dynamic.sign/OP-OAuth-2nd-Revokes.html  
code.config.dynamic.sign/OP-OAuth-2nd.html  
code.config.dynamic.sign/OP-prompt-login.html  
code.config.dynamic.sign/OP-prompt-login.png  
code.config.dynamic.sign/OP-prompt-none-LoggedIn.html  
code.config.dynamic.sign/OP-prompt-none-NotLoggedIn.html  
code.config.dynamic.sign/OP-redirect\_uri-NotReg.html  
code.config.dynamic.sign/OP-redirect\_uri-NotReg.png  
code.config.dynamic.sign/OP-Req-acr\_values.html  
code.config.dynamic.sign/OP-Req-claims\_locales.html  
code.config.dynamic.sign/OP-Req-id\_token\_hint.html  
code.config.dynamic.sign/OP-Req-login\_hint.html  
code.config.dynamic.sign/OP-Req-max\_age=1.html  
code.config.dynamic.sign/OP-Req-max\_age=1.png  
code.config.dynamic.sign/OP-Req-max\_age=10000.html  
code.config.dynamic.sign/OP-Req-NotUnderstood.html  
code.config.dynamic.sign/OP-Req-ui\_locales.html  
code.config.dynamic.sign/OP-request-Unsigned.html  
code.config.dynamic.sign/OP-request\_uri-Unsigned-Dynamic.html  
code.config.dynamic.sign/OP-Response-code.html  
code.config.dynamic.sign/OP-Response-Missing.html  
code.config.dynamic.sign/OP-Response-Missing.png  
code.config.dynamic.sign/OP-scope-address.html  
code.config.dynamic.sign/OP-scope-All.html  
code.config.dynamic.sign/OP-scope-email.html  
code.config.dynamic.sign/OP-scope-phone.html  
code.config.dynamic.sign/OP-scope-profile.html  
code.config.dynamic.sign/OP-UserInfo-Body.html  
code.config.dynamic.sign/OP-UserInfo-Endpoint.html  
code.config.dynamic.sign/OP-UserInfo-Header.html  
OpenID-Certification-of-Conformance.pdf  
OpenID-Certification-Terms-and-Conditions.pdf

Similarly, if only signing with “none” is supported, the “.sign” will instead be “.none” and the test OP-IDToken-kid will be omitted. Example contents of a submission for the Basic profile when only unsigned ID Tokens are supported are:

```
code.config.static.none/OP-claims-essential.html
code.config.static.none/OP-ClientAuth-Basic-Static.html
code.config.static.none/OP-ClientAuth-SecretPost-Static.html
code.config.static.none/OP-display-page.html
code.config.static.none/OP-display-popup.html
code.config.static.none/OP-IDToken-Signature.html
code.config.static.none/OP-nonce-code.html
code.config.static.none/OP-nonce-NoReq-code.html
code.config.static.none/OP-OAuth-2nd-30s.html
code.config.static.none/OP-OAuth-2nd-Revokes.html
code.config.static.none/OP-OAuth-2nd.html
code.config.static.none/OP-prompt-login.html
code.config.static.none/OP-prompt-login.png
code.config.static.none/OP-prompt-none-LoggedIn.html
code.config.static.none/OP-prompt-none-NotLoggedIn.html
code.config.static.none/OP-redirect_uri-NotReg.html
code.config.static.none/OP-redirect_uri-NotReg.png
code.config.static.none/OP-Req-acr_values.html
code.config.static.none/OP-Req-claims_locales.html
code.config.static.none/OP-Req-id_token_hint.html
code.config.static.none/OP-Req-login_hint.html
code.config.static.none/OP-Req-max_age=1.html
code.config.static.none/OP-Req-max_age=1.png
code.config.static.none/OP-Req-max_age=10000.html
code.config.static.none/OP-Req-NotUnderstood.html
code.config.static.none/OP-Req-ui_locales.html
code.config.static.none/OP-request-Unsigned.html
code.config.static.none/OP-request_uri-Unsigned.html
code.config.static.none/OP-Response-code.html
code.config.static.none/OP-Response-Missing.html
code.config.static.none/OP-Response-Missing.png
code.config.static.none/OP-scope-address.html
code.config.static.none/OP-scope-All.html
code.config.static.none/OP-scope-email.html
code.config.static.none/OP-scope-phone.html
code.config.static.none/OP-scope-profile.html
code.config.static.none/OP-UserInfo-Body.html
```

```
code.config.static.none/OP-UserInfo-Endpoint.html
code.config.static.none/OP-UserInfo-Header.html
OpenID-Certification-of-Conformance.pdf
OpenID-Certification-Terms-and-Conditions.pdf
```

### 2.1.2 Implicit OpenID Provider

In this example, the ProseWare organization is requesting certification of its "Humongous Identity" software to the Implicit OpenID Provider profile on April 13, 2015. It submits this zip file as an attachment:

```
ProseWare-Humongous_Identity-OP-Implicit-13-Apr-2015.zip
```

with the following contents:

```
id_token.config.static.sign/OP-display-page.html
id_token.config.static.sign/OP-display-popup.html
id_token.config.static.sign/OP-IDToken-kid.html
id_token.config.static.sign/OP-IDToken-Signature.html
id_token.config.static.sign/OP-nonce-noncode.html
id_token.config.static.sign/OP-nonce-NoReq-noncode.html
id_token.config.static.sign/OP-prompt-login.html
id_token.config.static.sign/OP-prompt-login.png
id_token.config.static.sign/OP-prompt-none-LoggedIn.html
id_token.config.static.sign/OP-prompt-none-NotLoggedIn.html
id_token.config.static.sign/OP-redirect_uri-NotReg.html
id_token.config.static.sign/OP-redirect_uri-NotReg.png
id_token.config.static.sign/OP-Req-acr_values.html
id_token.config.static.sign/OP-Req-claims_locales.html
id_token.config.static.sign/OP-Req-id_token_hint.html
id_token.config.static.sign/OP-Req-login_hint.html
id_token.config.static.sign/OP-Req-max_age=1.html
id_token.config.static.sign/OP-Req-max_age=1.png
id_token.config.static.sign/OP-Req-max_age=10000.html
id_token.config.static.sign/OP-Req-NotUnderstood.html
id_token.config.static.sign/OP-Req-ui_locales.html
id_token.config.static.sign/OP-request-Unsigned.html
id_token.config.static.sign/OP-request_uri-Unsigned.html
id_token.config.static.sign/OP-Response-id_token.html
id_token.config.static.sign/OP-Response-Missing.html
id_token.config.static.sign/OP-Response-Missing.png
id_token.config.static.sign/OP-scope-address.html
```

id\_token.config.static.sign/OP-scope-All.html  
id\_token.config.static.sign/OP-scope-email.html  
id\_token.config.static.sign/OP-scope-phone.html  
id\_token.config.static.sign/OP-scope-profile.html  
id\_token+token.config.static.sign/OP-claims-essential.html  
id\_token+token.config.static.sign/OP-display-page.html  
id\_token+token.config.static.sign/OP-display-popup.html  
id\_token+token.config.static.sign/OP-IDToken-at\_hash.html  
id\_token+token.config.static.sign/OP-IDToken-kiid.html  
id\_token+token.config.static.sign/OP-IDToken-Signature.html  
id\_token+token.config.static.sign/OP-nonce-nonce.html  
id\_token+token.config.static.sign/OP-nonce-NoReq-nonce.html  
id\_token+token.config.static.sign/OP-prompt-login.html  
id\_token+token.config.static.sign/OP-prompt-login.png  
id\_token+token.config.static.sign/OP-prompt-none-LoggedIn.html  
id\_token+token.config.static.sign/OP-prompt-none-NotLoggedIn.html  
id\_token+token.config.static.sign/OP-redirect\_uri-NotReg.html  
id\_token+token.config.static.sign/OP-redirect\_uri-NotReg.png  
id\_token+token.config.static.sign/OP-Req-acr\_values.html  
id\_token+token.config.static.sign/OP-Req-claims\_locales.html  
id\_token+token.config.static.sign/OP-Req-id\_token\_hint.html  
id\_token+token.config.static.sign/OP-Req-login\_hint.html  
id\_token+token.config.static.sign/OP-Req-max\_age=1.html  
id\_token+token.config.static.sign/OP-Req-max\_age=1.png  
id\_token+token.config.static.sign/OP-Req-max\_age=10000.html  
id\_token+token.config.static.sign/OP-Req-NotUnderstood.html  
id\_token+token.config.static.sign/OP-Req-ui\_locales.html  
id\_token+token.config.static.sign/OP-request-Unsigned.html  
id\_token+token.config.static.sign/OP-request\_uri-Unsigned.html  
id\_token+token.config.static.sign/OP-Response-id\_token+token.html  
id\_token+token.config.static.sign/OP-Response-Missing.html  
id\_token+token.config.static.sign/OP-Response-Missing.png  
id\_token+token.config.static.sign/OP-scope-address.html  
id\_token+token.config.static.sign/OP-scope-All.html  
id\_token+token.config.static.sign/OP-scope-email.html  
id\_token+token.config.static.sign/OP-scope-phone.html  
id\_token+token.config.static.sign/OP-scope-profile.html  
id\_token+token.config.static.sign/OP-UserInfo-Body.html  
id\_token+token.config.static.sign/OP-UserInfo-Endpoint.html  
id\_token+token.config.static.sign/OP-UserInfo-Header.html  
OpenID-Certification-of-Conformance.pdf

Note that if dynamic registration is supported, the “.static.” in the log file paths above will instead be “.dynamic.” and a slightly different set of tests for this profile will be presented by the test tool. For instance, the OP-ClientAuth-Basic-Static test will be replaced with OP-ClientAuth-Basic-Dynamic. Example contents of a submission for the Implicit profile when dynamic registration is supported are:

```
id_token.config.dynamic.sign/OP-display-page.html
id_token.config.dynamic.sign/OP-display-popup.html
id_token.config.dynamic.sign/OP-IDToken-kid.html
id_token.config.dynamic.sign/OP-nonce-noncode.html
id_token.config.dynamic.sign/OP-nonce-NoReq-noncode.html
id_token.config.dynamic.sign/OP-prompt-login.html
id_token.config.dynamic.sign/OP-prompt-login.png
id_token.config.dynamic.sign/OP-prompt-none-LoggedIn.html
id_token.config.dynamic.sign/OP-prompt-none-NotLoggedIn.html
id_token.config.dynamic.sign/OP-redirect_uri-NotReg.html
id_token.config.dynamic.sign/OP-redirect_uri-NotReg.png
id_token.config.dynamic.sign/OP-Req-acr_values.html
id_token.config.dynamic.sign/OP-Req-claims_locales.html
id_token.config.dynamic.sign/OP-Req-id_token_hint.html
id_token.config.dynamic.sign/OP-Req-login_hint.html
id_token.config.dynamic.sign/OP-Req-max_age=1.html
id_token.config.dynamic.sign/OP-Req-max_age=1.png
id_token.config.dynamic.sign/OP-Req-max_age=10000.html
id_token.config.dynamic.sign/OP-Req-NotUnderstood.html
id_token.config.dynamic.sign/OP-Req-ui_locales.html
id_token.config.dynamic.sign/OP-request-Unsigned.html
id_token.config.dynamic.sign/OP-request_uri-Unsigned-Dynamic.html
id_token.config.dynamic.sign/OP-Response-id_token.html
id_token.config.dynamic.sign/OP-Response-Missing.html
id_token.config.dynamic.sign/OP-Response-Missing.png
id_token.config.dynamic.sign/OP-scope-address.html
id_token.config.dynamic.sign/OP-scope-All.html
id_token.config.dynamic.sign/OP-scope-email.html
id_token.config.dynamic.sign/OP-scope-phone.html
id_token.config.dynamic.sign/OP-scope-profile.html
id_token+token.config.dynamic.sign/OP-claims-essential.html
id_token+token.config.dynamic.sign/OP-display-page.html
id_token+token.config.dynamic.sign/OP-display-popup.html
id_token+token.config.dynamic.sign/OP-IDToken-at_hash.html
```

id\_token+token.config.dynamic.sign/OP-IDToken-kid.html  
id\_token+token.config.dynamic.sign/OP-nonce-nocode.html  
id\_token+token.config.dynamic.sign/OP-nonce-NoReq-nocode.html  
id\_token+token.config.dynamic.sign/OP-prompt-login.html  
id\_token+token.config.dynamic.sign/OP-prompt-login.png  
id\_token+token.config.dynamic.sign/OP-prompt-none-LoggedIn.html  
id\_token+token.config.dynamic.sign/OP-prompt-none-NotLoggedIn.html  
id\_token+token.config.dynamic.sign/OP-redirect\_uri-NotReg.html  
id\_token+token.config.dynamic.sign/OP-redirect\_uri-NotReg.png  
id\_token+token.config.dynamic.sign/OP-Req-acr\_values.html  
id\_token+token.config.dynamic.sign/OP-Req-claims\_locales.html  
id\_token+token.config.dynamic.sign/OP-Req-id\_token\_hint.html  
id\_token+token.config.dynamic.sign/OP-Req-login\_hint.html  
id\_token+token.config.dynamic.sign/OP-Req-max\_age=1.html  
id\_token+token.config.dynamic.sign/OP-Req-max\_age=1.png  
id\_token+token.config.dynamic.sign/OP-Req-max\_age=10000.html  
id\_token+token.config.dynamic.sign/OP-Req-NotUnderstood.html  
id\_token+token.config.dynamic.sign/OP-Req-ui\_locales.html  
id\_token+token.config.dynamic.sign/OP-request-Unsigned.html  
id\_token+token.config.dynamic.sign/OP-request\_uri-Unsigned-Dynamic.html  
id\_token+token.config.dynamic.sign/OP-Response-id\_token+token.html  
id\_token+token.config.dynamic.sign/OP-Response-Missing.html  
id\_token+token.config.dynamic.sign/OP-Response-Missing.png  
id\_token+token.config.dynamic.sign/OP-scope-address.html  
id\_token+token.config.dynamic.sign/OP-scope-All.html  
id\_token+token.config.dynamic.sign/OP-scope-email.html  
id\_token+token.config.dynamic.sign/OP-scope-phone.html  
id\_token+token.config.dynamic.sign/OP-scope-profile.html  
id\_token+token.config.dynamic.sign/OP-UserInfo-Body.html  
id\_token+token.config.dynamic.sign/OP-UserInfo-Endpoint.html  
id\_token+token.config.dynamic.sign/OP-UserInfo-Header.html  
OpenID-Certification-of-Conformance.pdf  
OpenID-Certification-Terms-and-Conditions.pdf

### 2.1.3 Hybrid OpenID Provider

In this example, the ProseWare organization is requesting certification of its "Humongous Identity" software to the Hybrid OpenID Provider profile on April 13, 2015. It submits this zip file as an attachment:

ProseWare-Humongous\_Identity-OP-Hybrid-13-Apr-2015.zip



with the following contents:

```
code+id_token.config.static.sign/OP-claims-essential.html
code+id_token.config.static.sign/OP-ClientAuth-Basic-Static.html
code+id_token.config.static.sign/OP-ClientAuth-SecretPost-Static.html
code+id_token.config.static.sign/OP-display-page.html
code+id_token.config.static.sign/OP-display-popup.html
code+id_token.config.static.sign/OP-IDToken-c_hash.html
code+id_token.config.static.sign/OP-IDToken-kid.html
code+id_token.config.static.sign/OP-IDToken-Signature.html
code+id_token.config.static.sign/OP-nonce-noncode.html
code+id_token.config.static.sign/OP-OAuth-2nd-30s.html
code+id_token.config.static.sign/OP-OAuth-2nd-Revokes.html
code+id_token.config.static.sign/OP-OAuth-2nd.html
code+id_token.config.static.sign/OP-prompt-login.html
code+id_token.config.static.sign/OP-prompt-login.png
code+id_token.config.static.sign/OP-prompt-none-LoggedIn.html
code+id_token.config.static.sign/OP-prompt-none-NotLoggedIn.html
code+id_token.config.static.sign/OP-redirect_uri-NotReg.html
code+id_token.config.static.sign/OP-redirect_uri-NotReg.png
code+id_token.config.static.sign/OP-Req-acr_values.html
code+id_token.config.static.sign/OP-Req-claims_locales.html
code+id_token.config.static.sign/OP-Req-id_token_hint.html
code+id_token.config.static.sign/OP-Req-login_hint.html
code+id_token.config.static.sign/OP-Req-max_age=1.html
code+id_token.config.static.sign/OP-Req-max_age=1.png
code+id_token.config.static.sign/OP-Req-max_age=10000.html
code+id_token.config.static.sign/OP-Req-NotUnderstood.html
code+id_token.config.static.sign/OP-Req-ui_locales.html
code+id_token.config.static.sign/OP-request-Unsigned.html
code+id_token.config.static.sign/OP-request_uri-Unsigned.html
code+id_token.config.static.sign/OP-Response-code+id_token.html
code+id_token.config.static.sign/OP-Response-Missing.html
code+id_token.config.static.sign/OP-Response-Missing.png
code+id_token.config.static.sign/OP-scope-address.html
code+id_token.config.static.sign/OP-scope-All.html
code+id_token.config.static.sign/OP-scope-email.html
code+id_token.config.static.sign/OP-scope-phone.html
code+id_token.config.static.sign/OP-scope-profile.html
code+id_token.config.static.sign/OP-UserInfo-Body.html
code+id_token.config.static.sign/OP-UserInfo-Endpoint.html
```

code+id\_token.config.static.sign/OP-UserInfo-Header.html  
code+id\_token+token.config.static.sign/OP-claims-essential.html  
code+id\_token+token.config.static.sign/OP-ClientAuth-Basic-Static.html  
code+id\_token+token.config.static.sign/OP-ClientAuth-SecretPost-Static.html  
code+id\_token+token.config.static.sign/OP-display-page.html  
code+id\_token+token.config.static.sign/OP-display-popup.html  
code+id\_token+token.config.static.sign/OP-IDToken-at\_hash.html  
code+id\_token+token.config.static.sign/OP-IDToken-c\_hash.html  
code+id\_token+token.config.static.sign/OP-IDToken-kid.html  
code+id\_token+token.config.static.sign/OP-IDToken-Signature.html  
code+id\_token+token.config.static.sign/OP-nonce-nocode.html  
code+id\_token+token.config.static.sign/OP-OAuth-2nd-30s.html  
code+id\_token+token.config.static.sign/OP-OAuth-2nd-Revokes.html  
code+id\_token+token.config.static.sign/OP-OAuth-2nd.html  
code+id\_token+token.config.static.sign/OP-prompt-login.html  
code+id\_token+token.config.static.sign/OP-prompt-login.png  
code+id\_token+token.config.static.sign/OP-prompt-none-LoggedIn.html  
code+id\_token+token.config.static.sign/OP-prompt-none-NotLoggedIn.html  
code+id\_token+token.config.static.sign/OP-redirect\_uri-NotReg.html  
code+id\_token+token.config.static.sign/OP-redirect\_uri-NotReg.png  
code+id\_token+token.config.static.sign/OP-Req-acr\_values.html  
code+id\_token+token.config.static.sign/OP-Req-claims\_locales.html  
code+id\_token+token.config.static.sign/OP-Req-id\_token\_hint.html  
code+id\_token+token.config.static.sign/OP-Req-login\_hint.html  
code+id\_token+token.config.static.sign/OP-Req-max\_age=1.html  
code+id\_token+token.config.static.sign/OP-Req-max\_age=1.png  
code+id\_token+token.config.static.sign/OP-Req-max\_age=10000.html  
code+id\_token+token.config.static.sign/OP-Req-NotUnderstood.html  
code+id\_token+token.config.static.sign/OP-Req-ui\_locales.html  
code+id\_token+token.config.static.sign/OP-request-Unsigned.html  
code+id\_token+token.config.static.sign/OP-request\_uri-Unsigned.html  
code+id\_token+token.config.static.sign/OP-Response-code+id\_token+token.html  
code+id\_token+token.config.static.sign/OP-Response-Missing.html  
code+id\_token+token.config.static.sign/OP-Response-Missing.png  
code+id\_token+token.config.static.sign/OP-scope-address.html  
code+id\_token+token.config.static.sign/OP-scope-All.html  
code+id\_token+token.config.static.sign/OP-scope-email.html  
code+id\_token+token.config.static.sign/OP-scope-phone.html  
code+id\_token+token.config.static.sign/OP-scope-profile.html  
code+id\_token+token.config.static.sign/OP-UserInfo-Body.html  
code+id\_token+token.config.static.sign/OP-UserInfo-Endpoint.html

code+id\_token+token.config.static.sign/OP-UserInfo-Header.html  
code+token.config.static.sign/OP-claims-essential.html  
code+token.config.static.sign/OP-ClientAuth-Basic-Static.html  
code+token.config.static.sign/OP-ClientAuth-SecretPost-Static.html  
code+token.config.static.sign/OP-display-page.html  
code+token.config.static.sign/OP-display-popup.html  
code+token.config.static.sign/OP-IDToken-kid.html  
code+token.config.static.sign/OP-IDToken-Signature.html  
code+token.config.static.sign/OP-nonce-noncode.html  
code+token.config.static.sign/OP-nonce-NoReq-code.html  
code+token.config.static.sign/OP-OAuth-2nd-30s.html  
code+token.config.static.sign/OP-OAuth-2nd-Revokes.html  
code+token.config.static.sign/OP-OAuth-2nd.html  
code+token.config.static.sign/OP-prompt-login.html  
code+token.config.static.sign/OP-prompt-login.png  
code+token.config.static.sign/OP-prompt-none-LoggedIn.html  
code+token.config.static.sign/OP-prompt-none-NotLoggedIn.html  
code+token.config.static.sign/OP-redirect\_uri-NotReg.html  
code+token.config.static.sign/OP-redirect\_uri-NotReg.png  
code+token.config.static.sign/OP-Req-acr\_values.html  
code+token.config.static.sign/OP-Req-claims\_locales.html  
code+token.config.static.sign/OP-Req-id\_token\_hint.html  
code+token.config.static.sign/OP-Req-login\_hint.html  
code+token.config.static.sign/OP-Req-max\_age=1.html  
code+token.config.static.sign/OP-Req-max\_age=1.png  
code+token.config.static.sign/OP-Req-max\_age=10000.html  
code+token.config.static.sign/OP-Req-NotUnderstood.html  
code+token.config.static.sign/OP-Req-ui\_locales.html  
code+token.config.static.sign/OP-request-Unsigned.html  
code+token.config.static.sign/OP-request\_uri-Unsigned.html  
code+token.config.static.sign/OP-Response-code+token.html  
code+token.config.static.sign/OP-Response-Missing.html  
code+token.config.static.sign/OP-Response-Missing.png  
code+token.config.static.sign/OP-scope-address.html  
code+token.config.static.sign/OP-scope-All.html  
code+token.config.static.sign/OP-scope-email.html  
code+token.config.static.sign/OP-scope-phone.html  
code+token.config.static.sign/OP-scope-profile.html  
code+token.config.static.sign/OP-UserInfo-Body.html  
code+token.config.static.sign/OP-UserInfo-Endpoint.html  
code+token.config.static.sign/OP-UserInfo-Header.html

OpenID-Certification-of-Conformance.pdf  
OpenID-Certification-Terms-and-Conditions.pdf

Note that if dynamic registration is supported, the “.static.” in the log file paths above will instead be “.dynamic.” and a slightly different set of tests for this profile will be presented by the test tool. For instance, the OP-ClientAuth-Basic-Static test will be replaced with OP-ClientAuth-Basic-Dynamic. Example contents of a submission for the Hybrid profile when dynamic registration is supported are:

```
code+id_token.config.dynamic.sign/OP-claims-essential.html
code+id_token.config.dynamic.sign/OP-ClientAuth-Basic-Dynamic.html
code+id_token.config.dynamic.sign/OP-ClientAuth-SecretPost-Dynamic.html
code+id_token.config.dynamic.sign/OP-display-page.html
code+id_token.config.dynamic.sign/OP-display-popup.html
code+id_token.config.dynamic.sign/OP-IDToken-c_hash.html
code+id_token.config.dynamic.sign/OP-IDToken-kid.html
code+id_token.config.dynamic.sign/OP-nonce-noncode.html
code+id_token.config.dynamic.sign/OP-OAuth-2nd-30s.html
code+id_token.config.dynamic.sign/OP-OAuth-2nd-Revokes.html
code+id_token.config.dynamic.sign/OP-OAuth-2nd.html
code+id_token.config.dynamic.sign/OP-prompt-login.html
code+id_token.config.dynamic.sign/OP-prompt-login.png
code+id_token.config.dynamic.sign/OP-prompt-none-LoggedIn.html
code+id_token.config.dynamic.sign/OP-prompt-none-NotLoggedIn.html
code+id_token.config.dynamic.sign/OP-redirect_uri-NotReg.html
code+id_token.config.dynamic.sign/OP-redirect_uri-NotReg.png
code+id_token.config.dynamic.sign/OP-Req-acr_values.html
code+id_token.config.dynamic.sign/OP-Req-claims_locales.html
code+id_token.config.dynamic.sign/OP-Req-id_token_hint.html
code+id_token.config.dynamic.sign/OP-Req-login_hint.html
code+id_token.config.dynamic.sign/OP-Req-max_age=1.html
code+id_token.config.dynamic.sign/OP-Req-max_age=1.png
code+id_token.config.dynamic.sign/OP-Req-max_age=10000.html
code+id_token.config.dynamic.sign/OP-Req-NotUnderstood.html
code+id_token.config.dynamic.sign/OP-Req-ui_locales.html
code+id_token.config.dynamic.sign/OP-request-Unsigned.html
code+id_token.config.dynamic.sign/OP-request_uri-Unsigned-Dynamic.html
code+id_token.config.dynamic.sign/OP-Response-code+id_token.html
code+id_token.config.dynamic.sign/OP-Response-Missing.html
code+id_token.config.dynamic.sign/OP-Response-Missing.png
code+id_token.config.dynamic.sign/OP-scope-address.html
code+id_token.config.dynamic.sign/OP-scope-All.html
```

code+id\_token.config.dynamic.sign/OP-scope-email.html  
code+id\_token.config.dynamic.sign/OP-scope-phone.html  
code+id\_token.config.dynamic.sign/OP-scope-profile.html  
code+id\_token.config.dynamic.sign/OP-UserInfo-Body.html  
code+id\_token.config.dynamic.sign/OP-UserInfo-Endpoint.html  
code+id\_token.config.dynamic.sign/OP-UserInfo-Header.html  
code+id\_token+token.config.dynamic.sign/OP-claims-essential.html  
code+id\_token+token.config.dynamic.sign/OP-ClientAuth-Basic-Dynamic.html  
code+id\_token+token.config.dynamic.sign/OP-ClientAuth-SecretPost-Dynamic.html  
code+id\_token+token.config.dynamic.sign/OP-display-page.html  
code+id\_token+token.config.dynamic.sign/OP-display-popup.html  
code+id\_token+token.config.dynamic.sign/OP-IDToken-at\_hash.html  
code+id\_token+token.config.dynamic.sign/OP-IDToken-c\_hash.html  
code+id\_token+token.config.dynamic.sign/OP-IDToken-kid.html  
code+id\_token+token.config.dynamic.sign/OP-nonce-noncode.html  
code+id\_token+token.config.dynamic.sign/OP-OAuth-2nd-30s.html  
code+id\_token+token.config.dynamic.sign/OP-OAuth-2nd-Revokes.html  
code+id\_token+token.config.dynamic.sign/OP-OAuth-2nd.html  
code+id\_token+token.config.dynamic.sign/OP-prompt-login.html  
code+id\_token+token.config.dynamic.sign/OP-prompt-login.png  
code+id\_token+token.config.dynamic.sign/OP-prompt-none-LoggedIn.html  
code+id\_token+token.config.dynamic.sign/OP-prompt-none-NotLoggedIn.html  
code+id\_token+token.config.dynamic.sign/OP-redirect\_uri-NotReg.html  
code+id\_token+token.config.dynamic.sign/OP-redirect\_uri-NotReg.png  
code+id\_token+token.config.dynamic.sign/OP-Req-acr\_values.html  
code+id\_token+token.config.dynamic.sign/OP-Req-claims\_locales.html  
code+id\_token+token.config.dynamic.sign/OP-Req-id\_token\_hint.html  
code+id\_token+token.config.dynamic.sign/OP-Req-login\_hint.html  
code+id\_token+token.config.dynamic.sign/OP-Req-max\_age=1.html  
code+id\_token+token.config.dynamic.sign/OP-Req-max\_age=1.png  
code+id\_token+token.config.dynamic.sign/OP-Req-max\_age=10000.html  
code+id\_token+token.config.dynamic.sign/OP-Req-NotUnderstood.html  
code+id\_token+token.config.dynamic.sign/OP-Req-ui\_locales.html  
code+id\_token+token.config.dynamic.sign/OP-request-Unsigned.html  
code+id\_token+token.config.dynamic.sign/OP-request\_uri-Unsigned-Dynamic.html  
code+id\_token+token.config.dynamic.sign/OP-Response-code+id\_token+token.html  
code+id\_token+token.config.dynamic.sign/OP-Response-Missing.html  
code+id\_token+token.config.dynamic.sign/OP-Response-Missing.png  
code+id\_token+token.config.dynamic.sign/OP-scope-address.html  
code+id\_token+token.config.dynamic.sign/OP-scope-All.html  
code+id\_token+token.config.dynamic.sign/OP-scope-email.html

code+id\_token+token.config.dynamic.sign/OP-scope-phone.html  
code+id\_token+token.config.dynamic.sign/OP-scope-profile.html  
code+id\_token+token.config.dynamic.sign/OP-UserInfo-Body.html  
code+id\_token+token.config.dynamic.sign/OP-UserInfo-Endpoint.html  
code+id\_token+token.config.dynamic.sign/OP-UserInfo-Header.html  
code+token.config.dynamic.sign/OP-claims-essential.html  
code+token.config.dynamic.sign/OP-ClientAuth-Basic-Dynamic.html  
code+token.config.dynamic.sign/OP-ClientAuth-SecretPost-Dynamic.html  
code+token.config.dynamic.sign/OP-display-page.html  
code+token.config.dynamic.sign/OP-display-popup.html  
code+token.config.dynamic.sign/OP-IDToken-kid.html  
code+token.config.dynamic.sign/OP-nonce-nocode.html  
code+token.config.dynamic.sign/OP-nonce-NoReq-code.html  
code+token.config.dynamic.sign/OP-OAuth-2nd-30s.html  
code+token.config.dynamic.sign/OP-OAuth-2nd-Revokes.html  
code+token.config.dynamic.sign/OP-OAuth-2nd.html  
code+token.config.dynamic.sign/OP-prompt-login.html  
code+token.config.dynamic.sign/OP-prompt-login.png  
code+token.config.dynamic.sign/OP-prompt-none-LoggedIn.html  
code+token.config.dynamic.sign/OP-prompt-none-NotLoggedIn.html  
code+token.config.dynamic.sign/OP-redirect\_uri-NotReg.html  
code+token.config.dynamic.sign/OP-redirect\_uri-NotReg.png  
code+token.config.dynamic.sign/OP-Req-acr\_values.html  
code+token.config.dynamic.sign/OP-Req-claims\_locales.html  
code+token.config.dynamic.sign/OP-Req-id\_token\_hint.html  
code+token.config.dynamic.sign/OP-Req-login\_hint.html  
code+token.config.dynamic.sign/OP-Req-max\_age=1.html  
code+token.config.dynamic.sign/OP-Req-max\_age=1.png  
code+token.config.dynamic.sign/OP-Req-max\_age=10000.html  
code+token.config.dynamic.sign/OP-Req-NotUnderstood.html  
code+token.config.dynamic.sign/OP-Req-ui\_locales.html  
code+token.config.dynamic.sign/OP-request-Unsigned.html  
code+token.config.dynamic.sign/OP-request\_uri-Unsigned-Dynamic.html  
code+token.config.dynamic.sign/OP-Response-code+token.html  
code+token.config.dynamic.sign/OP-Response-Missing.html  
code+token.config.dynamic.sign/OP-Response-Missing.png  
code+token.config.dynamic.sign/OP-scope-address.html  
code+token.config.dynamic.sign/OP-scope-All.html  
code+token.config.dynamic.sign/OP-scope-email.html  
code+token.config.dynamic.sign/OP-scope-phone.html  
code+token.config.dynamic.sign/OP-scope-profile.html

```
code+token.config.dynamic.sign/OP-UserInfo-Body.html
code+token.config.dynamic.sign/OP-UserInfo-Endpoint.html
code+token.config.dynamic.sign/OP-UserInfo-Header.html
OpenID-Certification-of-Conformance.pdf
OpenID-Certification-Terms-and-Conditions.pdf
```

#### 2.1.4 OpenID Provider Publishing Configuration Information

In this example, the ProseWare organization is requesting certification of its "Humongous Identity" software to the OpenID Provider Publishing Configuration Information profile on April 13, 2015. It submits this zip file as an attachment:

```
ProseWare-Humongous_Identity-OP-Config-13-Apr-2015.zip
```

with the following contents:

```
code.config.static.sign/OP-Discovery-claims_supported.html
code.config.static.sign/OP-Discovery-Config.html
code.config.static.sign/OP-Discovery-JWKs.html
code.config.static.sign/OP-Discovery-jwks_uri.html
OpenID-Certification-of-Conformance.pdf
OpenID-Certification-Terms-and-Conditions.pdf
```

Note that if dynamic registration is supported, the ".static." in the log file paths above will instead be ".dynamic.".

#### 2.1.5 Dynamic OpenID Provider

In this example, the ProseWare organization is requesting certification of its "Humongous Identity" software to the Dynamic OpenID Provider profile on April 13, 2015. It submits this zip file as an attachment:

```
ProseWare-Humongous_Identity-OP-Dynamic-13-Apr-2015.zip
```

with the following contents:

```
code.config.dynamic.sign/OP-ClientAuth-Basic-Dynamic.html
code.config.dynamic.sign/OP-ClientAuth-SecretPost-Dynamic.html
code.config.dynamic.sign/OP-Discovery-claims_supported.html
code.config.dynamic.sign/OP-Discovery-Config.html
code.config.dynamic.sign/OP-Discovery-JWKs.html
code.config.dynamic.sign/OP-Discovery-jwks_uri.html
code.config.dynamic.sign/OP-IDToken-RS256.html
code.config.dynamic.sign/OP-redirect_uri-Missing.html
```

code.config.dynamic.sign/OP-redirect\_uri-Missing.png  
code.config.dynamic.sign/OP-redirect\_uri-Query-Added.html  
code.config.dynamic.sign/OP-redirect\_uri-Query-Added.png  
code.config.dynamic.sign/OP-redirect\_uri-Query-Mismatch.html  
code.config.dynamic.sign/OP-redirect\_uri-Query-Mismatch.png  
code.config.dynamic.sign/OP-redirect\_uri-Query-OK.html  
code.config.dynamic.sign/OP-redirect\_uri-RegFrag.html  
code.config.dynamic.sign/OP-Registration-Dynamic.html  
code.config.dynamic.sign/OP-Registration-Endpoint.html  
code.config.dynamic.sign/OP-Registration-jwks.html  
code.config.dynamic.sign/OP-Registration-jwks\_uri.html  
code.config.dynamic.sign/OP-Registration-logo\_uri.html  
code.config.dynamic.sign/OP-Registration-policy\_uri.html  
code.config.dynamic.sign/OP-Registration-Sector-Bad.html  
code.config.dynamic.sign/OP-Registration-tos\_uri.html  
code.config.dynamic.sign/OP-request-Unsigned.html  
code.config.dynamic.sign/OP-request\_uri-Sig.html  
code.config.dynamic.sign/OP-request\_uri-Support.html  
code.config.dynamic.sign/OP-request\_uri-Unsigned-Dynamic.html  
code.config.dynamic.sign/OP-Rotation-OP-Sig.html  
code.config.dynamic.sign/OP-Rotation-RP-Sig.html  
code.config.dynamic.sign/OP-UserInfo-RS256.html  
OpenID-Certification-Attestation-Statement.pdf  
OpenID-Certification-of-Conformance.pdf  
OpenID-Certification-Terms-and-Conditions.pdf

## 2.2 Relying Party Conformance Profile Submission Examples

### 2.2.1 Basic Relying Party

In this example, the ProseWare organization is requesting certification of its "Humongous Identity" software to the Basic Relying Party profile on December 13, 2016. It submits this zip file as an attachment:

ProseWare-Humongous\_Identity-RP-Basic-13-Dec-2016.zip

If the RP library is being tested in a manner creates RP log files, those log files included should use the .log extension, resulting in the following submission contents:

code/rp-response\_type-code.txt  
code/rp-response\_type-code.log



code/rp-id\_token-issuer-mismatch.txt  
code/rp-id\_token-issuer-mismatch.log  
code/rp-id\_token-sub.txt  
code/rp-id\_token-sub.log  
code/rp-id\_token-aud.txt  
code/rp-id\_token-aud.log  
code/rp-id\_token-iat.txt  
code/rp-id\_token-iat.log  
code/rp-id\_token-kid-absent-single-jwks.txt  
code/rp-id\_token-kid-absent-single-jwks.log  
code/rp-id\_token-kid-absent-multiple-jwks.txt  
code/rp-id\_token-kid-absent-multiple-jwks.log  
code/rp-id\_token-sig-rs256.txt  
code/rp-id\_token-sig-rs256.log  
code/rp-id\_token-sig-none.txt  
code/rp-id\_token-sig-none.log  
code/rp-id\_token-bad-sig-rs256.txt  
code/rp-id\_token-bad-sig-rs256.log  
code/rp-userinfo-bearer-header.txt  
code/rp-userinfo-bearer-header.log  
code/rp-userinfo-bearer-body.txt  
code/rp-userinfo-bearer-body.log  
code/rp-userinfo-bad-sub-claim.txt  
code/rp-userinfo-bad-sub-claim.log  
code/rp-nonce-invalid.txt  
code/rp-nonce-invalid.log  
code/rp-scope-userinfo-claims.txt  
code/rp-scope-userinfo-claims.log  
code/rp-token\_endpoint-client\_secret\_basic.txt  
code/rp-token\_endpoint-client\_secret\_basic.log  
OpenID-Certification-of-Conformance.pdf  
OpenID-Certification-Terms-and-Conditions.pdf  
readme.txt

Whereas, if the RP library is being tested in an interactive manner, the screen shots included should use the .png extension, resulting in the following submission contents:

code/rp-response\_type-code.txt  
code/rp-response\_type-code.png  
code/rp-id\_token-issuer-mismatch.txt

code/rp-id\_token-issuer-mismatch.png  
code/rp-id\_token-sub.txt  
code/rp-id\_token-sub.png  
code/rp-id\_token-aud.txt  
code/rp-id\_token-aud.png  
code/rp-id\_token-iat.txt  
code/rp-id\_token-iat.png  
code/rp-id\_token-kid-absent-single-jwks.txt  
code/rp-id\_token-kid-absent-single-jwks.png  
code/rp-id\_token-kid-absent-multiple-jwks.txt  
code/rp-id\_token-kid-absent-multiple-jwks.png  
code/rp-id\_token-sig-rs256.txt  
code/rp-id\_token-sig-rs256.png  
code/rp-id\_token-sig-none.txt  
code/rp-id\_token-sig-none.png  
code/rp-id\_token-bad-sig-rs256.txt  
code/rp-id\_token-bad-sig-rs256.png  
code/rp-userinfo-bearer-header.txt  
code/rp-userinfo-bearer-header.png  
code/rp-userinfo-bearer-body.txt  
code/rp-userinfo-bearer-body.png  
code/rp-userinfo-bad-sub-claim.txt  
code/rp-userinfo-bad-sub-claim.png  
code/rp-nonce-invalid.txt  
code/rp-nonce-invalid.png  
code/rp-scope-userinfo-claims.txt  
code/rp-scope-userinfo-claims.png  
code/rp-token\_endpoint-client\_secret\_basic.txt  
code/rp-token\_endpoint-client\_secret\_basic.png  
OpenID-Certification-of-Conformance.pdf  
OpenID-Certification-Terms-and-Conditions.pdf  
readme.txt

### 2.2.2 Implicit Relying Party

In this example, the ProseWare organization is requesting certification of its "Humongous Identity" software to the Implicit Relying Party profile on December 13, 2016. It submits this zip file as an attachment:

ProseWare-Humongous\_Identity-RP-Implicit-13-Dec-2016.zip

with the following contents (possibly substituting .log files for the screen capture .png files):

id\_token/rp-response\_type-id\_token.txt  
id\_token/rp-response\_type-id\_token.png  
id\_token/rp-id\_token-issuer-mismatch.txt  
id\_token/rp-id\_token-issuer-mismatch.png  
id\_token/rp-id\_token-sub.txt  
id\_token/rp-id\_token-sub.png  
id\_token/rp-id\_token-aud.txt  
id\_token/rp-id\_token-aud.png  
id\_token/rp-id\_token-iat.txt  
id\_token/rp-id\_token-iat.png  
id\_token/rp-id\_token-kid-absent-single-jwks.txt  
id\_token/rp-id\_token-kid-absent-single-jwks.png  
id\_token/rp-id\_token-kid-absent-multiple-jwks.txt  
id\_token/rp-id\_token-kid-absent-multiple-jwks.png  
id\_token/rp-id\_token-sig-rs256.txt  
id\_token/rp-id\_token-sig-rs256.png  
id\_token/rp-id\_token-bad-sig-rs256.txt  
id\_token/rp-id\_token-bad-sig-rs256.png  
id\_token/rp-nonce-unless-code-flow.txt  
id\_token/rp-nonce-unless-code-flow.png  
id\_token/rp-nonce-invalid.txt  
id\_token/rp-nonce-invalid.png  
id\_token/rp-scope-userinfo-claims.txt  
id\_token/rp-scope-userinfo-claims.png  
id\_token+token/rp-response\_type-id\_token+token.txt  
id\_token+token/rp-response\_type-id\_token+token.png  
id\_token+token/rp-id\_token-issuer-mismatch.txt  
id\_token+token/rp-id\_token-issuer-mismatch.png  
id\_token+token/rp-id\_token-sub.txt  
id\_token+token/rp-id\_token-sub.png  
id\_token+token/rp-id\_token-aud.txt  
id\_token+token/rp-id\_token-aud.png  
id\_token+token/rp-id\_token-iat.txt  
id\_token+token/rp-id\_token-iat.png  
id\_token+token/rp-id\_token-kid-absent-single-jwks.txt  
id\_token+token/rp-id\_token-kid-absent-single-jwks.png  
id\_token+token/rp-id\_token-kid-absent-multiple-jwks.txt  
id\_token+token/rp-id\_token-kid-absent-multiple-jwks.png  
id\_token+token/rp-id\_token-bad-at\_hash.txt  
id\_token+token/rp-id\_token-bad-at\_hash.png  
id\_token+token/rp-id\_token-sig-rs256.txt

```
id_token+token/rp-id_token-sig-rs256.png
id_token+token/rp-id_token-bad-sig-rs256.txt
id_token+token/rp-id_token-bad-sig-rs256.png
id_token+token/rp-userinfo-bearer-header.txt
id_token+token/rp-userinfo-bearer-header.png
id_token+token/rp-userinfo-bearer-body.txt
id_token+token/rp-userinfo-bearer-body.png
id_token+token/rp-userinfo-bad-sub-claim.txt
id_token+token/rp-userinfo-bad-sub-claim.png
id_token+token/rp-nonce-unless-code-flow.txt
id_token+token/rp-nonce-unless-code-flow.png
id_token+token/rp-nonce-invalid.txt
id_token+token/rp-nonce-invalid.png
id_token+token/rp-scope-userinfo-claims.txt
id_token+token/rp-scope-userinfo-claims.png
id_token+token/rp-token_endpoint-client_secret_basic.txt
id_token+token/rp-token_endpoint-client_secret_basic.png
OpenID-Certification-of-Conformance.pdf
OpenID-Certification-Terms-and-Conditions.pdf
readme.txt
```

### 2.2.3 Hybrid Relying Party

In this example, the ProseWare organization is requesting certification of its "Humongous Identity" software to the Hybrid Relying Party profile on December 13, 2016. It submits this zip file as an attachment:

```
ProseWare-Humongous_Identity-RP-Hybrid-13-Dec-2016.zip
```

with the following contents (possibly substituting .log files for the screen capture .png files):

```
code+id_token/rp-response_type-code+id_token.txt
code+id_token/rp-response_type-code+id_token.png
code+id_token/rp-id_token-issuer-mismatch.txt
code+id_token/rp-id_token-issuer-mismatch.png
code+id_token/rp-id_token-sub.txt
code+id_token/rp-id_token-sub.png
code+id_token/rp-id_token-aud.txt
code+id_token/rp-id_token-aud.png
code+id_token/rp-id_token-iat.txt
code+id_token/rp-id_token-iat.png
code+id_token/rp-id_token-kid-absent-single-jwks.txt
```

code+id\_token/rp-id\_token-kid-absent-single-jwks.png  
code+id\_token/rp-id\_token-kid-absent-multiple-jwks.txt  
code+id\_token/rp-id\_token-kid-absent-multiple-jwks.png  
code+id\_token/rp-id\_token-bad-at\_hash.txt  
code+id\_token/rp-id\_token-bad-at\_hash.png  
code+id\_token/rp-id\_token-bad-c\_hash.txt  
code+id\_token/rp-id\_token-bad-c\_hash.png  
code+id\_token/rp-id\_token-sig-rs256.txt  
code+id\_token/rp-id\_token-sig-rs256.png  
code+id\_token/rp-id\_token-bad-sig-rs256.txt  
code+id\_token/rp-id\_token-bad-sig-rs256.png  
code+id\_token/rp-userinfo-bearer-header.txt  
code+id\_token/rp-userinfo-bearer-header.png  
code+id\_token/rp-userinfo-bearer-body.txt  
code+id\_token/rp-userinfo-bearer-body.png  
code+id\_token/rp-userinfo-bad-sub-claim.txt  
code+id\_token/rp-userinfo-bad-sub-claim.png  
code+id\_token/rp-nonce-unless-code-flow.txt  
code+id\_token/rp-nonce-unless-code-flow.png  
code+id\_token/rp-nonce-invalid.txt  
code+id\_token/rp-nonce-invalid.png  
code+id\_token/rp-scope-userinfo-claims.txt  
code+id\_token/rp-scope-userinfo-claims.png  
code+id\_token/rp-token\_endpoint-client\_secret\_basic.txt  
code+id\_token/rp-token\_endpoint-client\_secret\_basic.png  
code+id\_token+token/rp-response\_type-code+id\_token+token.txt  
code+id\_token+token/rp-response\_type-code+id\_token+token.png  
code+id\_token+token/rp-id\_token-issuer-mismatch.txt  
code+id\_token+token/rp-id\_token-issuer-mismatch.png  
code+id\_token+token/rp-id\_token-sub.txt  
code+id\_token+token/rp-id\_token-sub.png  
code+id\_token+token/rp-id\_token-aud.txt  
code+id\_token+token/rp-id\_token-aud.png  
code+id\_token+token/rp-id\_token-iat.txt  
code+id\_token+token/rp-id\_token-iat.png  
code+id\_token+token/rp-id\_token-kid-absent-single-jwks.txt  
code+id\_token+token/rp-id\_token-kid-absent-single-jwks.png  
code+id\_token+token/rp-id\_token-kid-absent-multiple-jwks.txt  
code+id\_token+token/rp-id\_token-kid-absent-multiple-jwks.png  
code+id\_token+token/rp-id\_token-bad-at\_hash.txt  
code+id\_token+token/rp-id\_token-bad-at\_hash.png

code+id\_token+token/rp-id\_token-bad-c\_hash.txt  
code+id\_token+token/rp-id\_token-bad-c\_hash.png  
code+id\_token+token/rp-id\_token-sig-rs256.txt  
code+id\_token+token/rp-id\_token-sig-rs256.png  
code+id\_token+token/rp-id\_token-bad-sig-rs256.txt  
code+id\_token+token/rp-id\_token-bad-sig-rs256.png  
code+id\_token+token/rp-userinfo-bearer-header.txt  
code+id\_token+token/rp-userinfo-bearer-header.png  
code+id\_token+token/rp-userinfo-bearer-body.txt  
code+id\_token+token/rp-userinfo-bearer-body.png  
code+id\_token+token/rp-userinfo-bad-sub-claim.txt  
code+id\_token+token/rp-userinfo-bad-sub-claim.png  
code+id\_token+token/rp-nonce-unless-code-flow.txt  
code+id\_token+token/rp-nonce-unless-code-flow.png  
code+id\_token+token/rp-nonce-invalid.txt  
code+id\_token+token/rp-nonce-invalid.png  
code+id\_token+token/rp-scope-userinfo-claims.txt  
code+id\_token+token/rp-scope-userinfo-claims.png  
code+id\_token+token/rp-token\_endpoint-client\_secret\_basic.txt  
code+id\_token+token/rp-token\_endpoint-client\_secret\_basic.png  
code+token/rp-response\_type-code+token.txt  
code+token/rp-response\_type-code+token.png  
code+token/rp-id\_token-issuer-mismatch.txt  
code+token/rp-id\_token-issuer-mismatch.png  
code+token/rp-id\_token-sub.txt  
code+token/rp-id\_token-sub.png  
code+token/rp-id\_token-aud.txt  
code+token/rp-id\_token-aud.png  
code+token/rp-id\_token-iat.txt  
code+token/rp-id\_token-iat.png  
code+token/rp-id\_token-kid-absent-single-jwks.txt  
code+token/rp-id\_token-kid-absent-single-jwks.png  
code+token/rp-id\_token-kid-absent-multiple-jwks.txt  
code+token/rp-id\_token-kid-absent-multiple-jwks.png  
code+token/rp-id\_token-bad-at\_hash.txt  
code+token/rp-id\_token-bad-at\_hash.png  
code+token/rp-id\_token-bad-c\_hash.txt  
code+token/rp-id\_token-bad-c\_hash.png  
code+token/rp-id\_token-sig-rs256.txt  
code+token/rp-id\_token-sig-rs256.png  
code+token/rp-id\_token-bad-sig-rs256.txt

```
code+token/rp-id_token-bad-sig-rs256.png
code+token/rp-userinfo-bearer-header.txt
code+token/rp-userinfo-bearer-header.png
code+token/rp-userinfo-bearer-body.txt
code+token/rp-userinfo-bearer-body.png
code+token/rp-userinfo-bad-sub-claim.txt
code+token/rp-userinfo-bad-sub-claim.png
code+token/rp-nonce-unless-code-flow.txt
code+token/rp-nonce-unless-code-flow.png
code+token/rp-nonce-invalid.txt
code+token/rp-nonce-invalid.png
code+token/rp-scope-userinfo-claims.txt
code+token/rp-scope-userinfo-claims.png
code+token/rp-token_endpoint-client_secret_basic.txt
code+token/rp-token_endpoint-client_secret_basic.png
OpenID-Certification-of-Conformance.pdf
OpenID-Certification-Terms-and-Conditions.pdf
readme.txt
```

## 2.2.4 Relying Party Using Configuration Information

In this example, the ProseWare organization is requesting certification of its "Humongous Identity" software to the Relying Party Using Configuration Information profile on December 13, 2016. It submits this zip file as an attachment:

```
ProseWare-Humongous_Identity-RP-Config-13-Dec-2016.zip
```

with the following contents (possibly substituting .log files for the screen capture .png files):

```
code/rp-id_token-sig-none.txt
code/rp-id_token-sig-none.png
code/rp-userinfo-sig.txt
code/rp-userinfo-sig.png
code/rp-discovery-openid-configuration.txt
code/rp-discovery-openid-configuration.png
code/rp-discovery-issuer-not-matching-config.txt
code/rp-discovery-issuer-not-matching-config.png
code/rp-discovery-jwks_uri-keys.txt
code/rp-discovery-jwks_uri-keys.png
code/rp-key-rotation-op-sign-key.txt
code/rp-key-rotation-op-sign-key.png
OpenID-Certification-of-Conformance.pdf
```

OpenID-Certification-Terms-and-Conditions.pdf  
readme.txt

## 2.2.5 Dynamic Relying Party

In this example, the ProseWare organization is requesting certification of its "Humongous Identity" software to the Dynamic Relying Party profile on December 13, 2016. It submits this zip file as an attachment:

ProseWare-Humongous\_Identity-RP-Dynamic-13-Dec-2016.zip

with the following contents (possibly substituting .log files for the screen capture .png files):

code/rp-id\_token-sig-none.txt  
code/rp-id\_token-sig-none.png  
code/rp-userinfo-sig.txt  
code/rp-userinfo-sig.png  
code/rp-discovery-webfinger-acct.txt  
code/rp-discovery-webfinger-acct.png  
code/rp-discovery-webfinger-url.txt  
code/rp-discovery-webfinger-url.png  
code/rp-discovery-openid-configuration.txt  
code/rp-discovery-openid-configuration.png  
code/rp-discovery-issuer-not-matching-config.txt  
code/rp-discovery-issuer-not-matching-config.png  
code/rp-discovery-jwks\_uri-keys.txt  
code/rp-discovery-jwks\_uri-keys.png  
code/rp-registration-dynamic.txt  
code/rp-registration-dynamic.png  
code/rp-key-rotation-op-sign-key.txt  
code/rp-key-rotation-op-sign-key.png  
code/rp-request\_uri-unsigned.txt  
code/rp-request\_uri-unsigned.png  
code/rp-request\_uri-sig.txt  
code/rp-request\_uri-sig.png  
OpenID-Certification-of-Conformance.pdf  
OpenID-Certification-Terms-and-Conditions.pdf  
readme.txt