PingFederate®

User Prompt Adapter 1.0.0

User Guide

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Note that Ping Identity may not provide support for any sample configurations provided in this document. The variability inherent among security environments prevents full testing and support for all possible platform configurations. If you need special assistance or would like to inquire about implementation or support programs, please contact Ping Identity Global Client Services (support.pingidentity.com).

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Introduction

The PingFederate User Prompt Adapter provides a way to ask a user for additional information that can be used in adapters executed after this one or for assertion attributes. Examples would be a yes/no page or a page asking a user for their zip code.

System Requirements

This version of the adapter requires the following:

- PingFederate 8.0.3.1 (or higher)

- JDK 1.8.0_51 or higher

Installation

1. From the /dist directory in the ZIP file, copy the following file to the <pf_install>/pingfederate/server/default/deploy directory:

   user-prompt-adapter-1.0.0.jar

2. From the /dist/ directory in the ZIP file, copy the file "user.prompt.template.html" to the <pf_install>/pingfederate/server/default/conf/template directory.

3. Start or restart PingFederate.

Configuring a User Prompt Instance
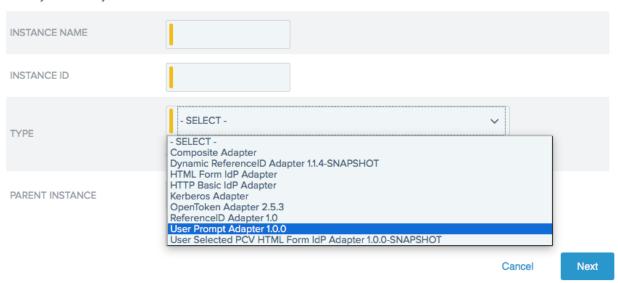
1. Log on to the PingFederate administrative console and click **Adapters** under IdP Configuration.

2. Open up the template file in your favorite editor. Customize it by adding your own form inputs and look & feel.

3. Select **Create New Instance…**

4. Select **User Prompt Adapter 1.0.0** as the adapter type, fill in the Instance Name and Instance Id fields and click **Next**.
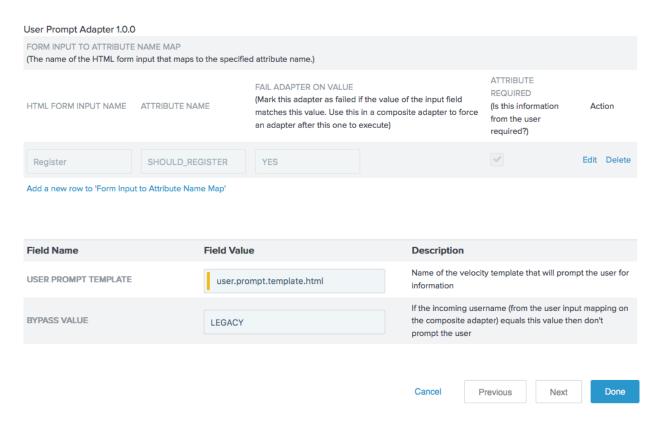
Enter an Adapter Instance Name and Id, select the Adapter Type, and a parent if applicable. The Adapter Type is limited to the adapters currently installed on your server.
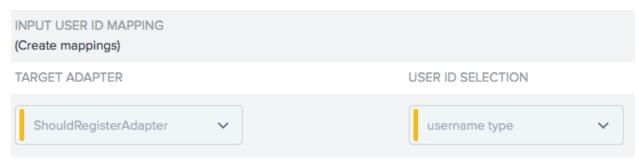
INSTANCE NAME

INSTANCE ID

TYPE

- SELECT -

- SELECT -
Composite Adapter
Dynamic ReferenceID Adapter 1.1.4-SNAPSHOT
HTML Form IdP Adapter
HTTP Basic IdP Adapter
Kerberos Adapter
OpenToken Adapter 2.5.3
ReferenceID Adapter 1.0
User Prompt Adapter 1.0.0
User Selected PCV HTML Form IdP Adapter 1.0.0-SNAPSHOT

PARENT INSTANCE

Cancel   Next

5. Specify all the required fields.

User Prompt Adapter 1.0.0

FORM INPUT TO ATTRIBUTE NAME MAP
(The name of the HTML form input that maps to the specified attribute name.)

HTML FORM INPUT NAME	ATTRIBUTE NAME	FAIL ADAPTER ON VALUE (Mark this adapter as failed if the value of the input field matches this value. Use this in a composite adapter to force an adapter after this one to execute)	ATTRIBUTE REQUIRED (Is this information from the user required?)	Action
Register	SHOULD_REGISTER	YES	✓	Edit Delete

Add a new row to 'Form Input to Attribute Name Map'

Field Name	Field Value	Description
USER PROMPT TEMPLATE	user.prompt.template.html	Name of the velocity template that will prompt the user for information
BYPASS VALUE	LEGACY	If the incoming username (from the user input mapping on the composite adapter) equals this value then don't prompt the user

Cancel   Previous   Next   Done

6. Click **Next**.

7. Extend the contract with the attributes you specified in the previous screen.

8. Click **PSEUDONYM** for the correct attribute and click **Next.**

9. Review the configuration and select **Done** and finally **Save.**

10. Create a composite adapter instance where your user prompt adapter is included. Also specify an input mapping for your user prompt adapter (used for the bypass functionality):

INPUT USER ID MAPPING
(Create mappings)

TARGET ADAPTER   USER ID SELECTION

ShouldRegisterAdapter   ∨   username type   ∨

Add a new row to 'Input User Id Mapping'

11. Finally, in your connection use the configured composite adapter in the adapter mapping section.

Debugging

To set the log level for this adapter (what appears in server.log) one would update the following file:

<PingFederateInstall>/server/default/conf/log4j.xml

And add the following entry into

```
<logger name="com.pingidentity.clientservices.adapter">
                <level value="DEBUG"/>
</logger>
```

Detailed training on using Log4j in Ping Federate can be found at:

- https://www.pingidentity.com/support/training-center/index.cfm/configuring-log-files-using-log4j?id=1080675847001