PingIdentity™

PingDirectory®

OID Compatibility Plugin v1.0.0

User Guide

Ping Identity®

PingDirectory OID Compatibility Plugin User Guide
Version 1.0.0
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Trademarks

Disclaimer

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Purpose

The "OID Compatibility" Plugin allows PingDirectory to provide OID compatibility for BIND result codes in case an account is locked or disabled.

Prerequisites

This document assumes that a functional PingDirectory, Version 6.*, has already been installed and configured.

Installation

1. Copy the included zip file to a temporary location on the server that is running PingDirectory.
2. Open a terminal window.
3. Change directories to the installation path of the target PingDirectory server.
4. Execute the "`manage-extension`" command in the bin directory of the installation path to install the zip file and follow any prompts to continue and restart the server:

   ```
   bin/manage-extension --install <path to the zip file>
   ```

5. Execute the "`dsconfig`" command in the bin directory of the installation path to configure the plugin and press "`f`" at the prompt to finish the configuration of the plugin:

   ```
   bin/dsconfig create-plugin \
     --plugin-name "OID Compatibility Custom Plugin" \
     --type third-party \
     --set enabled:true \
     --set plugin-type:postoperationbind \
     --set invoke-for-internal-operations:false \
     --set extension-class:com.pingidentity.ps.ds.plugin.OIDCompat \
     --set extension-argument:account-disabled-message=<Message> \
     --set extension-argument:account-disabled-code=<Code> \
     --set extension-argument:account-failure-locked-message=<Message> \
     --set extension-argument:account-failure-locked-code=<Code> \
     --set extension-argument:account-reset-locked-message=<Message> \
     --set extension-argument:account-reset-locked-code=<Code> \
     --set extension-argument:account-expired-message=<Message> \
     --set extension-argument:account-expired-code=<Code> \
     --set extension-argument:account-not-yet-active-message=<Message> \
     --set extension-argument:account-not-yet-active-code=<Code> \
     --set extension-argument:account-idle-locked-message=<Message> \
     --set extension-argument:account-idle-locked-code=<Code>
   ```

   For each locked or disabled BIND result {disabled, failure locked, reset locked, expired, not yet active and idle locked}, the custom response can be configured as follows:

   - '`account-*-message`' is an optional argument and specifies the message to return to the client.

- `'account-*-code'` is an optional argument and specifies the numerical code to return to the client.

Note that all arguments are optional, however, if the plugin is configured for a specific locked or disabled BIND result, both the message and code for that specific result must be defined.

6. *Optional*: To enable Server Extension debug messages, execute the following command:

```
bin/dsconfig set-log-publisher-prop \
      --publisher-name "Server SDK Extension Debug Logger" \
      --set enabled:true
```

7. *Optional*: To delete the plugin, execute the following command:

```
bin/dsconfig delete-plugin --plugin-name "OID Compatibility Custom Plugin"
```