

PingDirectoryProxy®

Exclude Branch Proxy Transformation Plugin v1.0.0

User Guide



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PingDirectoryProxy Exclude Branch Proxy Transformation Plugin User Guide
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Purpose

The "Exclude Branch Proxy Transformation" Plugin allows PingDirectoryProxy to exclude a branch when searching PingDirectory.

Prerequisites

This document assumes that a functional PingDirectoryProxy and PingDirectory, Version 7.*, have already been installed and configured.

Installation

1. Copy the included zip file to a temporary location on the server that is running PingDirectoryProxy.
2. Open a terminal window.
3. Change directories to the installation path of the target PingDirectoryProxy 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-proxy-transformation \  
  --plugin-name "Exclude Branch Proxy Transformation" \  
  --type third-party \  
  --set enabled:true \  
  --set "request-criteria:Search Requests" \  
  --set extension-class:com.pingidentity.ps.proxy.plugin.ExcludeBranch \  
  --set extension-argument:exclude-branch=<DN to exclude>
```

"exclude-branch" is a required argument and specifies the DN of the directory branch to exclude from PingDirectoryProxy searches. This argument can be listed multiple times to exclude additional DNs.

6. To enable the plugin, execute "dsconfig" with the destination name:

```
bin/dsconfig set-request-processor-prop \  
  --processor-name <request-processor> \  
  --set "transformation:Exclude Branch Proxy Transformation"
```

"request-processor" is a required argument and specifies the name of the request processor to which the plugin will be applied.

7. *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 log-level:DEBUG
```

```
--set enabled:true
```

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

```
bin/dsconfig delete-proxy-transformation --transformation-name "Exclude Branch  
Proxy Transformation"
```