

NetIQ Identity Package Deployment Tool 1.0 Release Notes

June 2023

NetIQ Identity Package Deployment Tool 1.0 is a web-based tool that automates the deployment of drivers and packages in various customer environments. For more information about this tool and the latest release notes, see the [Documentation \(https://www.netiq.com/documentation/identity-package-deployment-tool-1.0/\)](https://www.netiq.com/documentation/identity-package-deployment-tool-1.0/) page. To download this product, see [Software License and Download \(https://sld.microfocus.com/\)](https://sld.microfocus.com/) portal.

If you have suggestions for documentation improvements, click **comment on this topic** at the top or bottom of the specific page in the HTML version of the documentation posted on the [Documentation \(https://www.netiq.com/documentation/identity-package-deployment-tool-1.0/\)](https://www.netiq.com/documentation/identity-package-deployment-tool-1.0/) page.

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What’s New

The NetIQ Identity Package Deployment Tool provides the following key features in this release:

- ♦ Create and manage staging environments
- ♦ Configure Identity Vault
- ♦ Install, upgrade, downgrade, and uninstall packages in the Identity Vault
- ♦ Create and manage driver sets and drivers in a stage
- ♦ Compare and migrate similar drivers from one stage to another stage within the same stageset
- ♦ Store driver configuration in Git (version control system)
- ♦ Package catalog- ability to configure multiple channels for downloading packages
- ♦ Import driver sets and drivers from Identity Vault into PDT
- ♦ Deploy Identity Vault packages, driver set, and multiple drivers to the Identity Vault

System Requirements

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Operating System

- ♦ Microsoft Windows 10 and Microsoft Server 2019 and 2022
- ♦ Red Hat Enterprise Linux (RHEL) 8.1, 8.2, 8.3, 8.4, 8.5, and 8.6
- ♦ SUSE Linux Enterprise Server (SLES15) SP1, SP2, SP3, and SP4

Supported Web Browsers

Any of the following browser versions, at a minimum:

- ♦ Google Chrome 100
- ♦ Mozilla Firefox 105.0.1
- ♦ Microsoft Edge 110.0.1587.57

Third-Party Components

Azul Zulu version of Java JDK 1.8.0_372

Installing Identity Package Deployment Tool 1.0

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Prerequisites

Before you begin, NetIQ recommends that you review the following prerequisites:

- ♦ Ensure that Designer 4.8.7 is installed in your system.

For more information about installing Designer, see [Installing Designer \(https://www.netiq.com/documentation/identity-manager-48/setup_linux/data/linux-install-designer.html\)](https://www.netiq.com/documentation/identity-manager-48/setup_linux/data/linux-install-designer.html) in the *NetIQ Identity Manager Setup Guide for Linux (https://www.netiq.com/documentation/identity-manager-48/setup_linux/data/front.html)* or [Installing Designer \(https://www.netiq.com/documentation/identity-manager-48/setup_windows/data/installing-designer.html\)](https://www.netiq.com/documentation/identity-manager-48/setup_windows/data/installing-designer.html) in the *NetIQ Identity Manager Setup Guide for Windows (https://www.netiq.com/documentation/identity-manager-48/setup_windows/data/front.html)*. If you are upgrading Designer, see [Updating Designer \(https://wwwtest.netiq.com/documentation/identity-manager-48/idm_installing_updating_487/data/updating-designer.html\)](https://wwwtest.netiq.com/documentation/identity-manager-48/idm_installing_updating_487/data/updating-designer.html) in the *NetIQ Identity Manager 4.8.7: Installation and Upgrade Guide (https://wwwtest.netiq.com/documentation/identity-manager-48/idm_installing_updating_487/data/front.html)*

- ♦ Ensure that Java 1.8 (latest update) is installed in your system. The Java command must be accessible from the console where the startup scripts are executed.
- ♦ The `IDM_PackageDeploymentTool_1.0.0.zip` contains the `PDT.keystore` (path - `\IDM_PackageDeploymentTool_1.0.0\keystore\pdt.keystore`) file with a default SSL certificate. The user should create a new SSL certificate and add that certificate to the keystore. An alternative is that the user can import an already available certificate to the keystore. Make sure that you do not overwrite the existing entries (for example, `ism.config.encrypt.0`) in the `pdt.keystore` file.

Installation Procedure

Perform the following steps to install the Identity Package Deployment Tool 1.0:

- 1 Download the `IDM_PackageDeploymentTool_1.0.0.zip` from the [Software License and Download \(https://sld.microfocus.com/\)](https://sld.microfocus.com/) portal and extract it in your system.
- 2 Navigate to the `IDM_PackageDeploymentTool_1.0.0` folder in the extracted location.
- 3 (Conditional) To install Package Deployment Tool on Windows:

NOTE: It is recommended to use Windows Power Shell.

- 3a Double-click the `create-password-config_win.bat` to create an administrator password to login.
 - 3b Re-enter the password to confirm.
 - 3c Enter a valid Designer base path that corresponds to the Designer installation location.
For example: `C:\netiq\idm\apps\Designer`
 - 3d Double-click the `start-pdt_win.bat` to start the Package Deployment Tool.
 - 3e (Optional) To stop the Package Deployment Tool, press `Ctrl+C` twice on your keyboard or click .
- 4 (Conditional) To install Package Deployment Tool on Linux systems:
 - 4a Create an administrator password to login using the following command:
`create-password-config_linux.sh`
 - 4b Re-enter the password to confirm.
 - 4c Enter a valid Designer base path that corresponds to the Designer installation location.
For example: `root/designer`
 - 4d Execute the `start-pdt_linux.sh` command to start the Package Deployment Tool.
 - 4e (Optional) Run the following shell script to stop the Package Deployment Tool:
`stop-pdt_linux.sh`
 - 5 Launch the Package Deployment Tool user interface on the browser using the URL:
`https://<ip_address>:<port>/pdt`
For example:
`https://localhost:8280/pdt/`

- 6 Enter the default username (pdtadmin) and the password created using the create-password-config_<OS> script.

The Identity Package Deployment Tool 1.0 application is launched.

Known Issues

NetIQ Corporation strives to ensure our products provide quality solutions for your enterprise software needs. The following issues are currently being researched. If you need further assistance with any issue, please contact [Technical Support](#).

- ♦ [“Code \(-9131\) Error Reported When Trying to Start the Drivers” on page 4](#)
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Code (-9131) Error Reported When Trying to Start the Drivers

Issue: When you try to start the driver after successfully deploying it with the Package Deployment Tool, the following error message is displayed:

```
Code(-9131) Error in vnd.nds.stream://<TREE>/system/driverset1/eDirectory+Driver/NOVLEDIRMSYS-ntp-InitManagedSystemInfo#XmlData:89 : Error evaluating XPATH expression 'token-xpath("es:guid2string($driver//attr[@attr-name='GUID']/value/text()))' : com.novell.xml.xpath.XPathEvaluationException: function 'es:guid2string' not found
```

This issue specifically affects the following drivers:

- ♦ eDirectory - Novell eDirectory (NOVLEDIRBASE)
- ♦ Multi Domain AD
- ♦ SOAP Server - SOAP (Simple Object Access Protocol) Server

This issue does not impact the functionality of the above drivers.

(Bug 648057, 651006, and 654098)

Workaround: Make sure to import the ECMAScript into the driver properties using Identity Console.

- 1 Log in to the Identity Console.
- 2 In the IDENTITY MANAGER module, click **IDM Administration** and select the required driver.
- 3 Click **Data Transformation and Synchronization > Ecma Scripts**.
- 4 To import, click  and select the required ECMAScript from a list of ECMAScript resource files.

When Selecting Mandatory Features, the Sub-Packages Under Connected System are Not Selected By Default

Issue: When you add a driver to the driver set, the check box under **Select Mandatory Features** for the parent package is automatically selected, but not for the sub-packages. This issue is specific to the SOAP Server - SOAP (Simple Object Access Protocol) Server and JMS Queue - JMS (Java Messaging Service) Queue drivers. (Bug 654094)

Workaround: You will have to select the sub-packages manually.

No Error is Displayed on Choosing Objects Other Than Drivers in the DN Lookup Browser

Issue: When importing drivers from the Identity Vault, you can choose the required drivers under **Tree > system > driverset<id>** in the DN Lookup Browser window. If you choose packages and objects such as **Tree**, **Security**, **data**, and **system** without selecting a driver and then submit, the application displays no error message. The import driver operation, however, will fail. (Bug 672022)

To successfully import drivers into your staging environment, you must only select the required drivers from the driver set.

Error Displayed in the Designer Workspace When Importing a Driver From Identity Vault

Issue: The following error is displayed when importing a driver from Identity Vault into Package Deployment Tool: Designer: An error has occurred. See the log file <.log_file_location>.

This occurs because the temporary log file created in the Designer workspace is not deleted after the driver import operation is finished. (Bug 717002)

Workaround: To resolve the error, you must manually delete the Designer workspace folder in your system.

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