

# NetIQ eDirectory 9.1 SP4 Release Notes

May 2019



NetIQ eDirectory 9.1 SP4 resolves several previous issues. Many of these improvements were made in direct response to suggestions from our customers. We thank you for your time and valuable input. We hope you continue to help us ensure our products meet all your needs. You can post feedback in the eDirectory Community Support Forums, our community Web site that also includes product notifications, blogs, and product user groups.

For a full list of all issues resolved in NetIQ eDirectory 9.x, including all patches and service packs, refer to [TID 7016794](#), "History of Issues Resolved in NetIQ eDirectory 9.x".

For more information about this release and for the latest release notes, see the [Documentation](#) Web site. To download this product, see the [Product Upgrade](#) Web site.

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## 1 What's New?

eDirectory 9.1 SP4 provides the following software fixes in this release:

### 1.1 Updates for Third Party Components

This release updates the following third party components:

- ♦ OpenSSL 1.0.2r
- ♦ OpenLDAP SDK 2.4.47

### 1.2 Fixed Issues

eDirectory 9.1 SP4 includes the following software fixes that resolve several previous issues:

#### 1.2.1 Memory Leaks Are Observed With eDirectory

**Issue:** Memory leaks are observed with various components of eDirectory. (Bug 1134210, 1119470, 1134085)

### 1.2.2 eDirectory Displays an Error Message While Searching for Members In Dynamic Groups

**Issue:** eDirectory displays an error message while searching for members in a large number of dynamic groups. (Bug 1133654)

### 1.2.3 LDAP Searches Are Unable to List Dynamic Group Members When NDS\_AGENT\_CONTEXT\_OPTIMIZATION Is Set

**Issue:** LDAP searches are unable to list Dynamic group members when NDS\_AGENT\_CONTEXT\_OPTIMIZATION environment variable is set to true. (Bug 1129227)

### 1.2.4 Compound Indexes Created Prior to eDirectory 9.1.4 Are Non-Functional

**Issue:** Compound indexes created prior to eDirectory 9.1 SP4 are non-functional. (Bug 1133470)

**Fix:** After upgrading eDirectory to the latest version, start the eDirectory server and repair the NCP server object by running the following command:

**Linux:** `ndsrepair -J <ncp server object entry id> -Ad -RCI`

For example, run `ndsrepair -J 0000803A -Ad -RCI` on Linux.

**Windows:** Provide following parameters in DSRepair startup in ndsconsole: `-A -SO <ncp server object entry id> -RCI`

For example, run `-A -SO 0000803A -RCI` on Windows.

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**NOTE:** Advanced option `-RCI` performs a single object repair for the local NCP server and recreates the compound indexes for that particular object. This option should be run for all the NCP servers where compound indexes are available.

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### 1.2.5 eDirectory Crashes While Performing LDAP Search Operation With cn=monitor As the Base

**Issue:** eDirectory crashes on Windows while performing LDAP search operation with `cn=monitor` as the base with Identity Manager. (Bug 1123834)

**Issue:** eDirectory crashes while performing multiple LDAP search operations simultaneously with `cn=monitor` as the base. (Bug 1123603)

## 1.3 Supported Upgrade Paths

To upgrade to eDirectory 9.1 SP4, you need to be on eDirectory 8.8.8.x or above. For more information on upgrading eDirectory, see the [NetIQ eDirectory Installation Guide](#).

## 2 What will be Deprecated?

The following feature will be deprecated in the upcoming eDirectory 9.2 release:

- ♦ **Auditing with XDAS:** We will be deprecating support for auditing with XDAS in 9.2. We recommend you to use CEF for auditing.

## 3 System Requirements

For information about prerequisites, hardware requirements, and supported operating systems, see the [NetIQ eDirectory Installation Guide](#).

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**NOTE:** This version of eDirectory supports Identity Manager 4.6.x and 4.7.x.

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## 4 Installing or Upgrading

To upgrade to eDirectory 9.1 SP4, you need to be on eDirectory 8.8.8.x or 9.x. For more information on upgrading eDirectory, see the [NetIQ eDirectory Installation Guide](#).

## 5 Additional Documentation

- ♦ [Section 5.1, “iManager,” on page 3](#)
- ♦ [Section 5.2, “Novell International Cryptographic Infrastructure \(NICI\),” on page 3](#)
- ♦ [Section 5.3, “eDirectory Issues on Open Enterprise Server \(UNIX only\),” on page 3](#)

### 5.1 iManager

For iManager information, refer to the [iManager online documentation](#).

### 5.2 Novell International Cryptographic Infrastructure (NICI)

The NICI Administration Guide is included in the [eDirectory documentation page](#).

### 5.3 eDirectory Issues on Open Enterprise Server (UNIX only)

For more information on eDirectory issues on Open Enterprise Server (OES), see [OES Readme \(https://www.novell.com/documentation/open-enterprise-server-2018/\)](#).

## 6 Legal Notices

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