



**Hewlett Packard**  
Enterprise

# **Eduction**

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## **Release Notes**

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# Contents

New in this Release ..... 5

Resolved Issues ..... 6

Requirements ..... 7

    Minimum System Requirements ..... 7

    Software Dependencies ..... 7

    Supported Operating System Platforms ..... 7

Documentation ..... 8

# New in this Release

This section lists the enhancements to Eduction version 11.5.0.

## Enhancements to Eduction Server and Eduction SDK

- Eduction supports a new parameter, `RequestTimeout`. In Eduction Server, this specifies the maximum amount of time to spend processing a single `EduceFromFile`, `EduceFromText`, `RedactFromFile`, or `RedactFromText` request. In the C++ API, the new function `EdkGetNextMatchTimed(session, startTime)` will time out if a request timeout has been set using `EdkSetRequestTimeout(timeout)`. In the Java API, creating an `EDKSession(engine, startTime)` uses the timeout specified by `EDKEngine.setRequestTimeout(timeout)`. The default timeout is 300 seconds. In most cases the timeout is never reached but this is useful to prevent Eduction running for a long time with abnormal input text.

## Enhancements to Eduction Server

- All ACI server ports now support the `Expect: 100-continue` HTTP header. Previously, third-party client applications that used this header (for example, using the `cURL` utility with the `-F` option to POST form data) could experience increased latency when communicating with the ACI server.
- You can now configure GSS authentication on the ACI and service ports without using ACI encryption. In this mode, all connections to the ports must be authenticated using GSSAPI and the Negotiate HTTP authentication mechanism.

To use GSS authentication, you must set the `GSSServiceName` parameter in the `[Server]` section to the full service name, domain, and Kerberos realm for the service. You can then set the `RequireGSSAuth` parameter in the `[Server]` section to enable GSS authentication on the ACI port, and set `RequireGSSAuth` in the `[Service]` section to enable GSS authentication on the service port.

### NOTE:

You cannot configure `RequireGSSAuth` with the `[ACIEncryption]` configuration options. If you attempt to configure both, the server does not start.

This method provides an authentication requirement only. HPE recommends that you use it in conjunction with TLS/SSL to encrypt the authentication data.

# Resolved Issues

This section lists the resolved issues in Eduction version 11.5.0.

## Resolved Issues for Eduction Server

- Information for the `eduction` log stream was included in the same log as the `application` log stream. The `application`, `eduction`, and `query` log types are now more distinct to make it easier to monitor logs, and the log streams are reported correctly by the `GetLogStreamNames` action.
- When an authorization role defined `Actions`, `ServiceActions`, or `IndexActions`, and the authorization role `Clients` parameter contained host names, calling the `ShowPermissions` action could result in an interruption of service.

# Requirements

This section describes the system requirements, supported platforms, and software dependencies for Education 11.5.0.

## Minimum System Requirements

The following are minimum system requirements for Education 11.5.0.

- 512 MB RAM
- 1 GB disk space
- 800 MHz or higher processor
- 400 MB of space designated for /tmp or /var/tmp (UNIX), or user-defined temporary directory (Windows)

## Software Dependencies

### Java

Development with the Education Java SDK requires the Java 6.0 JDK and JRE.

### Microsoft Redistributable Package

Windows versions of Education require installation of the Microsoft Visual C++ 2013 redistributable package.

## Supported Operating System Platforms

The following operating system platforms are supported by Education 11.5.0.

- Windows x86 64
- Linux x86 64
- Solaris x86 64
- Solaris SPARC 64

# Documentation

The following documentation was updated for this release.

- *Eduction SDK Programming Guide*
- *Eduction User Guide*
- *Eduction Server Reference*