



Hewlett Packard
Enterprise

Distributed Index Handler

Software Version: 11.5.0

Release Notes

Document Release Date: October 2017

Software Release Date: October 2017

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New in this Release

This section lists the enhancements to Distributed Index Handler version 11.5.0.

- The `DateFormatCSVs` configuration parameter now supports the `#ISODATETIME` option, which accepts the ISO-8601 date format `YYYY-MM-DDTHH:MM:SS.FFFFZ` and some variations (such as optional times, time zones, and separators). For details, refer to the *IDOL Server Reference*.
- 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.

- DIH now supports GSSAPI authentication to connect to its child server ACI and service ports, without using ACI Encryption. To use this option, set the `GSSServiceName` configuration parameter in the child server configuration sections to the GSSAPI service name for the child 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.

Resolved Issues

This section lists the resolved issues in Distributed Index Handler version 11.5.0.

- 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.

Notes

These notes provide extra information about installing and using Distributed Index Handler.

- The following configuration parameters for setting server action authorization by client IP address have been deprecated:
 - [Server] AdminClients
 - [Server] IndexClients
 - [Server] QueryClients or UserClients
 - [Service] ServiceControlClients
 - [Service] ServiceStatusClients

You can now use the [AuthorizationRoles] configuration section to set up authorization for your servers more flexibly. These configuration parameters are still available for existing implementations, but they might be incompatible with new functionality. The parameters might be deleted in future.

Documentation

The following documentation was updated for this release.

- *Distributed Index Handler Reference*
- *Distributed Index Handler Administration Guide*