



Hewlett Packard
Enterprise

Distributed Action Handler

Software Version: 11.5.0

Release Notes

Document Release Date: October 2017

Software Release Date: October 2017

Legal notices

Warranty

The only warranties for Hewlett Packard Enterprise Development LP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HPE shall not be liable for technical or editorial errors or omissions contained herein.

The information contained herein is subject to change without notice.

Restricted rights legend

Confidential computer software. Valid license from HPE required for possession, use or copying. Consistent with FAR 12.211 and 12.212, Commercial Computer Software, Computer Software Documentation, and Technical Data for Commercial Items are licensed to the U.S. Government under vendor's standard commercial license.

Copyright notice

© Copyright 2017 Hewlett Packard Enterprise Development LP

Trademark notices

Adobe™ is a trademark of Adobe Systems Incorporated.

Microsoft® and Windows® are U.S. registered trademarks of Microsoft Corporation.

UNIX® is a registered trademark of The Open Group.

This product includes an interface of the 'zlib' general purpose compression library, which is Copyright © 1995-2002 Jean-loup Gailly and Mark Adler.

Documentation updates

The title page of this document contains the following identifying information:

- Software Version number, which indicates the software version.
- Document Release Date, which changes each time the document is updated.
- Software Release Date, which indicates the release date of this version of the software.

To check for recent software updates, go to <https://downloads.autonomy.com/productDownloads.jsp>.

To verify that you are using the most recent edition of a document, go to <https://softwaresupport.hpe.com/group/softwaresupport/search-result?doctype=online help>.

This site requires that you register for an HPE Passport and sign in. To register for an HPE Passport ID, go to <https://hpp12.passport.hpe.com/hppcf/login.do>.

You will also receive updated or new editions if you subscribe to the appropriate product support service. Contact your HPE sales representative for details.

Support

Visit the HPE Software Support Online web site at <https://softwaresupport.hpe.com>.

This web site provides contact information and details about the products, services, and support that HPE Software offers.

HPE Software online support provides customer self-solve capabilities. It provides a fast and efficient way to access interactive technical support tools needed to manage your business. As a valued support customer, you can benefit by using the support web site to:

- Search for knowledge documents of interest
- Submit and track support cases and enhancement requests
- Access product documentation
- Manage support contracts
- Look up HPE support contacts
- Review information about available services
- Enter into discussions with other software customers
- Research and register for software training

Most of the support areas require that you register as an HPE Passport user and sign in. Many also require a support contract.

To register for an HPE Passport ID, go to <https://hpp12.passport.hpe.com/hppcf/login.do>.

To find more information about access levels, go to <https://softwaresupport.hpe.com/web/softwaresupport/access-levels>.

To check for recent software updates, go to <https://downloads.autonomy.com/productDownloads.jsp>.

Contents

New in this Release	5
Resolved Issues	6
Notes	7
Documentation	8

New in this Release

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

- When you send the `GetQueryTagValues` action through the DAH with `ValueDetails` set to **True**, you can now set the new `Print` parameter to **NoResults**, to return only the `ValueDetails` response. This option significantly improves the performance for this type of action when you only want the `ValueDetails` information.
- 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.

- DAH now supports GSSAPI authentication to connect to its child server ACI and service ports, without using ACI Encryption. To use this option, you must configure the `GSSServiceName` configuration parameter in the child server configuration section to the service name for the child component. You must also set the `ACIEncryption` configuration parameter to **False** in the child server configuration.

NOTE:

The `Krb5Service` parameter has been renamed to `GSSServiceName` for consistency with other components. Both versions of the parameter name work.

When you set this parameter with `ACIEncryption` set to **False**, you must also set the child server host parameters to the fully qualified host name for the child server, which DAH uses to retrieve the GSSAPI realm. When you set `ACIEncryption` to **True** (the default), you use the `Krb5Realm` parameter to specify the realm.

- 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 Action Handler version 11.5.0.

- The DAH would not return the `date_with_offset` attributes in the response to the `GetQueryTagValues` action when the `DateOffset` parameter had been used.
- The DAH would not return the `end_date` attribute in the response to a `GetQueryTagValues` action that queried only a single target child server with ranges.
- When processing a `GetQueryTagValues` action with both `FieldDependence` and `TotalValues` set to `True` the DAH could terminate unexpectedly.
- When a `GetQueryTagValues` action had both `FieldDependence` and `ValueDetails` set to `True`, the DAH did not sort by document count.
- When a `GetQueryTagValues` action had both `FieldDependenceMultiLevel` and `ValueDetails` set to `True`, DAH did not return `Count` attributes.
- When sorting the results of a `GetQueryTagValues` action by date or document count, there was no defined order for results that did not have valid dates, or that had equal document counts. DAH now uses alphabetical sorting as a tie-breaker.
- When a `GetQueryTagValues` action had `FieldDependence` set to `True`, DAH did not return date attributes `NumericDateType` or `autn_date` fields unless they were the first entry in the `FieldName` parameter. Additionally, if `FieldDependenceMultiLevel` was also set to `True`, the date attributes sometimes appeared at the wrong level in the nested response.
- When a `GetQueryTagValues` action had both `FieldDependenceMultiLevel` and `ValueDetails` set to `True`, DAH did not always return the date attribute for the `valueaverage` tag when the leaf field was `NumericDateType` or `autn_date`, and sometimes included the attribute for fields that were not `NumericDateType` or `autn_date`.
- The `GetQueryTagValues` action did not return the `total_values` tag when the `FieldDependence` parameter was set. This tag now returns the number of tuples available.
- 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 Action 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 Action Handler Reference*
- *Distributed Action Handler Administration Guide*