Hewlett Packard Enterprise

HPE Distributed Action Handler

Software Version: 11.4.0

Release Notes

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New in this Release

This section lists the enhancements to HPE Distributed Action Handler version 11.4.0.

- The DAH has been updated to return the new `<autn:valuepercentiles>` tags in the response to the `GetQueryTagValues` action when `ValueDetails` is set to **True**.

  > **NOTE:**
  > When you send the `GetQueryTagValues` action to a DAH, the `ValueDetails` response always includes only the default value percentiles. DAH ignores any values you set in the new `ValuePercentiles` parameter. However, the DAH requests additional percentiles from the child servers so that it can calculate the appropriate ranges for the whole dataset.

- The DAH has been updated to process the new `CostEstimate` parameter for the `DocumentStats` action.

- The DAH has been updated to process the new `ValueRestriction` parameter for the `GetQueryTagValues` action.

- The DAH now supports refreshing of SecurityInfo tokens. When you configure the new `SecurityTokenIdleTime` parameter in Community 11.4, DAH returns refresh tokens in a `responsedata/autn:securityinfo` element in the response for actions that accept the `SecurityInfo` parameter.

- You can now configure action authorization more flexibly. The `[AuthorizationRoles]` configuration section has been added. You can add subsections to create roles, which can use a combination of existing roles (equivalent to the existing `AdminClients`, `QueryClients`, and so on), or a specific set of actions. For each role, you can specify the client IPs and hosts, SSL identities, and GSS principals to use to identify users that have particular permissions to run actions.

  If you want to use only SSL and GSS authorization, you can disable the client settings by setting the appropriate client configuration parameters to `""`. For example, `AdminClients=""` disables client authorization for administrative actions, and ensures that users must meet the SSL or GSS requirements.

- You can now set `SSLCertificate` to be a chain certificate in PEM format (consisting of the end-entity certificate, any intermediate certificates, and ending with the root CA certificate). This option allows a complete certificate to be returned to the connected peer.

- You can now set `SSLCheckCerticate` to **False** even when `SSLCACertificate` or `SSLCACertificatePath` are set. This allows the component to fill in any chain required for the `SSLCertificate` by using the certificates that you specify in `SSLCACertificate` and `SSLCACertificatePath`, without requiring a certificate from the connected peer.

- The `GSSAPILibrary` configuration parameter has been added to the `[Paths]` section. You can set this parameter to the path to the GSSAPI shared library or DLL that the application uses. Depending on your system configuration, HPE Distributed Action Handler attempts to detect the appropriate library to use. However, if you use Kerberos or GSSAPI security in your setup, HPE recommends that you set an explicit value for this parameter.

Resolved Issues

This section lists the resolved issues in HPE Distributed Action Handler version 11.4.0.

- DAH sometimes split the `autn:field` tags in the response to a `GetQueryTagValues` action with `FieldDependenceMultiLevel` set to **True**.

- A `GetQueryTagValues` action could fail if `FieldDependenceMultiLevel` was set to **True** and a child server was unavailable.

- When merging `GetQueryTagValues` actions from child servers, DAH sometimes returned the wrong minimum values in the `ValueDetails` responses when some engines did not return any values.

- The `CombineIgnoreMissingValues` configuration parameter did not have an effect on queries sent through a DAH with the `Combine` action parameter set to **FieldCheck**.

  > **NOTE:**
  > To resolve this issue, you must also update your Content components to version 11.4.0 or later.

- When requesting a JSON response from an action configured as a `DistributedCommand`, DAH could terminate unexpectedly.

- The `GetVersion` action could incorrectly report their operating system on Microsoft Windows 10 and Microsoft Windows Server 2016 platforms.

Documentation

The following documentation was updated for this release.

- *Distributed Action Handler Reference*
- *Distributed Action Handler Administration Guide*