

HP Automation Insight

For the Red Hat Enterprise Linux[®] and SUSE Enterprise Linux[®]
operating systems

Software Version: 1.0

Quick Start Guide

Document Release Date: July 2014

Software Release Date: July 2014



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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.

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http://h20230.www2.hp.com/new_access_levels.jsp

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<http://h20230.www2.hp.com/sc/solutions/index.jsp>

Contents

Welcome to HP Automation Insight	4
HP AI Components and Architecture	4
HP AI Components	4
HP AI Core Directory Structure	5
HP AI URLs	6
HP Automation Insight Workflow	6
HP Automation Insight Documentation	11
HP Vertica Database Documentation	12
SAP BusinessObjects Documentation	13
Get the Latest HP AI Manuals	13
How to Find Information Resources	14
We appreciate your feedback!	17

Welcome to HP Automation Insight

HP Automation Insight (AI) is an HP product that leverages HP Vertica Analytics database technology and provides a complete set of ETL tools, dimensional data model, reports, dashboards, and analytics systems and content for the HP suite of automation tools.

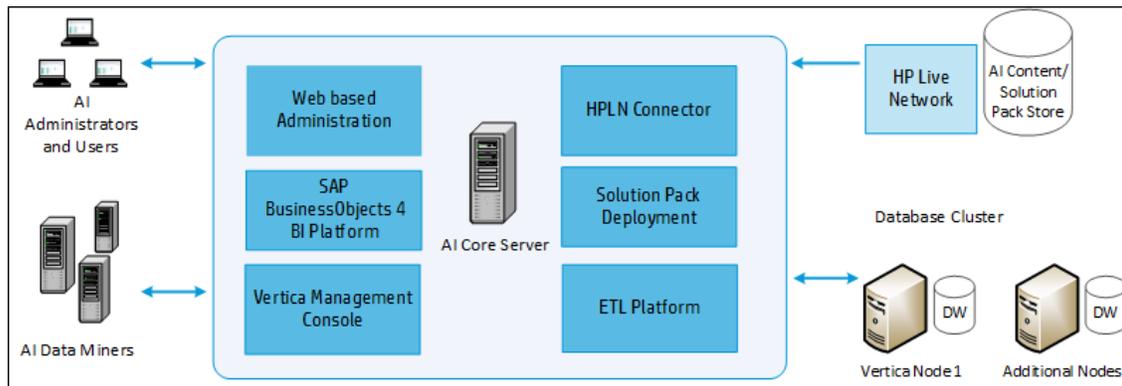
HP AI provides advanced analysis on cloud automation activities that enables you to leverage the suite of HP cloud and data center automation software to make decisions based on real-time and historical data. The data analyzed is collected from HP software products such as HP Server Automation (SA) that perform automation and monitoring services in the cloud.

HP AI enables you to view the current state of your data center, compare current performance to historical data, and connect data from different sources into a unified view. Using SAP BusinessObjects, HP AI provides reports and real-time dashboards that enable you to view and track key operational metrics such as server compliance and patch roll out status.

HP AI Components and Architecture

HP AI provides a data warehouse that uses HP Vertica as the database, and delivers content based on solution packs that contain ETL and model definitions, universes, and standard reports. HP AI solution packs are deployable from the web administration user interface and can be automatically updated from HPLN. Using SAP BusinessIntelligence, HP AI provides both standard and customizable reports that enable you to monitor the state of your data center. The HP AI web administration user interface provides web-based administration of the HP AI product.

HP AI Components and Architecture



HP AI Components

HP AI Gateway—HTTPS proxy that creates the port to which all clients connect. The HTTP proxy provides reverse proxy for the following components:

- SAP BI launch pad
- SAP BO Central Management Console (CMC)

- HP Vertica Management Console web application

Apache Directory Server—Internal LDAP server used for user and group management. The directory server includes a custom authenticator feature used by HP AI to perform delegated authentication to systems such as HP Server Automation.

SAP BusinessObjects Web Intelligence—Enterprise reporting and dashboard platform used to perform data analysis.

AI Administration Web Application—Web application used to configure and manage HP AI subsystems.

AI Data Loader—Application that loads data into the HP AI data warehouse.

AI Data Miner—Application that extracts data from external HP source systems, such as HP Server Automation (SA.)

AI Platform—AI component that includes all management functions.

AI Solution Pack Deployer—Application that deploys solution pack content to other HP AI components, such as HP Vertica and SAP BusinessObjects.

HP Live Network—HP system that hosts HP AI solution packs and downloads using LiveNetwork Connector.

HP Server Automation—An HP product that HP AI extracts data from and to which it delegates user authentication. HP SA is data center automation software that centralizes and streamlines many data center functions and automates critical areas of data center server management.

Rsync—Tool HP AI uses to transfer data files from data miners over the Secure Sockets Layer (SSL.)

Vertica Database System—Database that hosts the HP AI data warehouse and provides analytic functions.

HP AI Core Directory Structure

Path	Description
/opt/HP/CBI	Location of HP AI binary files.
/etc/opt/HP/CBI	Location of HP AI configuration files.
/var/opt/HP/CBI	Location of data files.
/var/log/HP/CBI	Location of log files.
/opt/vconsole	Location of Vertica Management Console files.
/etc/init.d	Location of HP AI start, stop, and status scripts.

HP AI URLs

You can log in to the HP AI interfaces at the URLs in the following table.

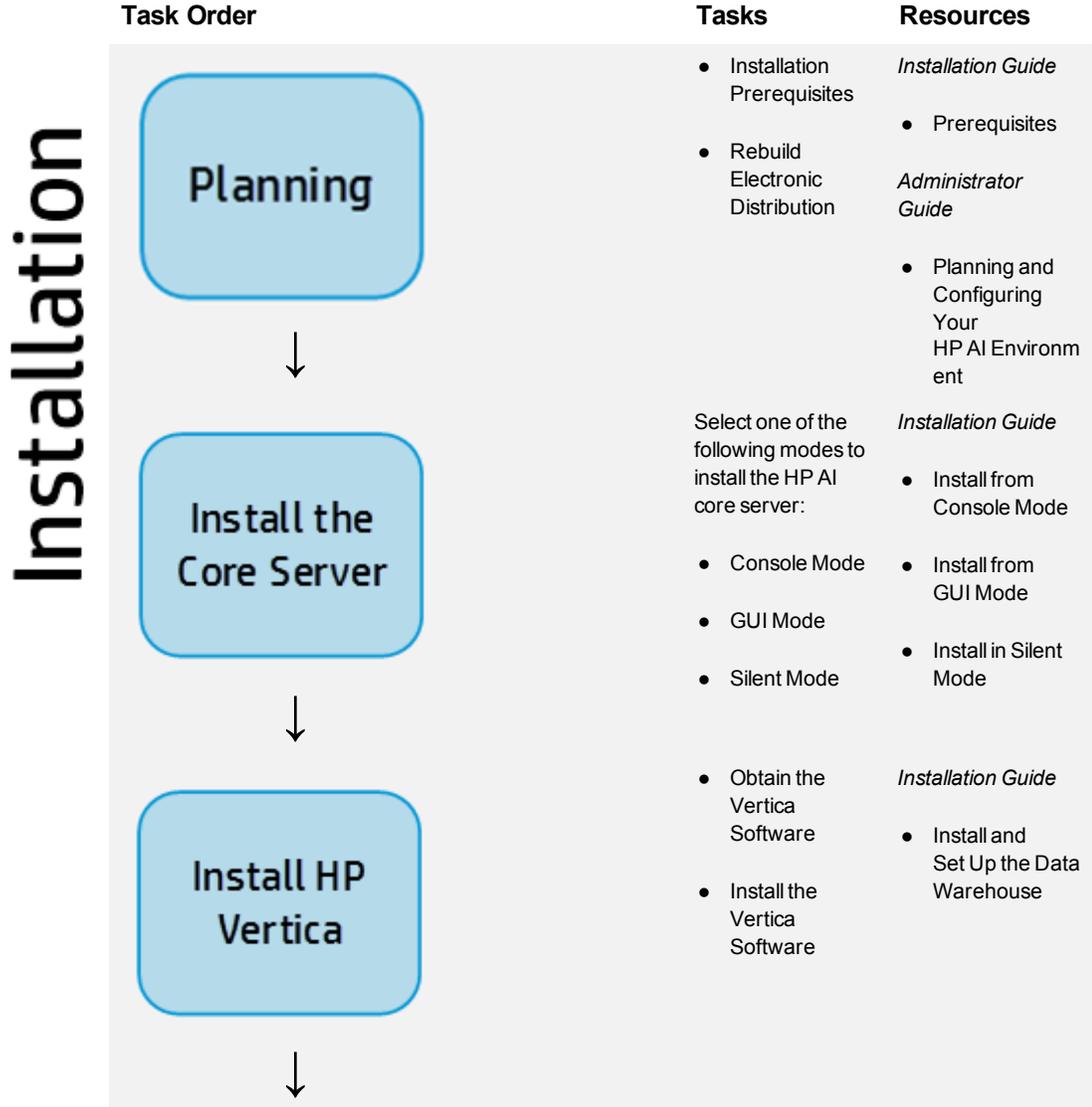
Interface	URL
HP AI web administration user interface	https://ai-core:4443/ai-admin
Business Intelligence Launch Pad	https://ai-core:4443/ai-user/BOE/BI
BO Central Management Console	https://ai-core:4443/ai-user/BOE/CMC
Vertica Management Console	https://ai-core:4443/webui/

Note: You can also log in to the BI Launch Pad and the SAP BusinessObjects Central Management Console (CMC) from the HP AI web administration user interface. You must log in as Admin to CMC. You must select LDAP as the authentication method to access the BI Launch Pad and CMC.

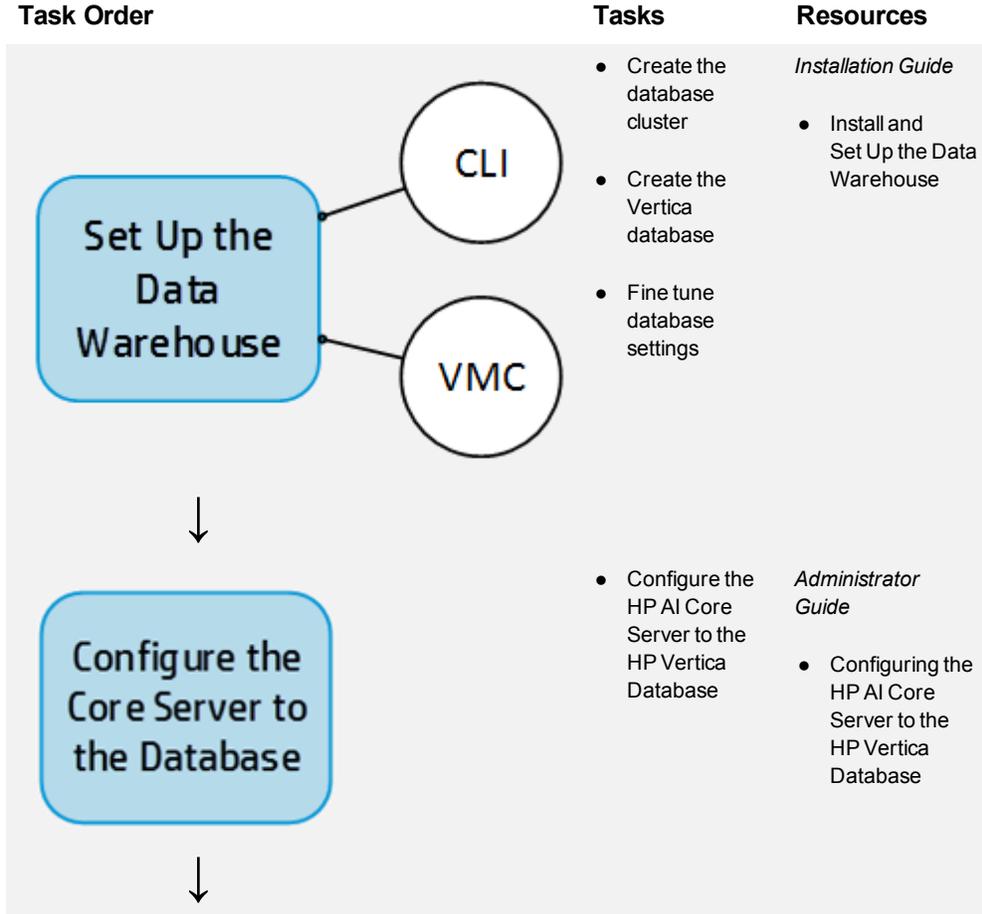
HP Automation Insight Workflow

This section presents the general workflow for installing and configuring HP Automation Insight for the first time.

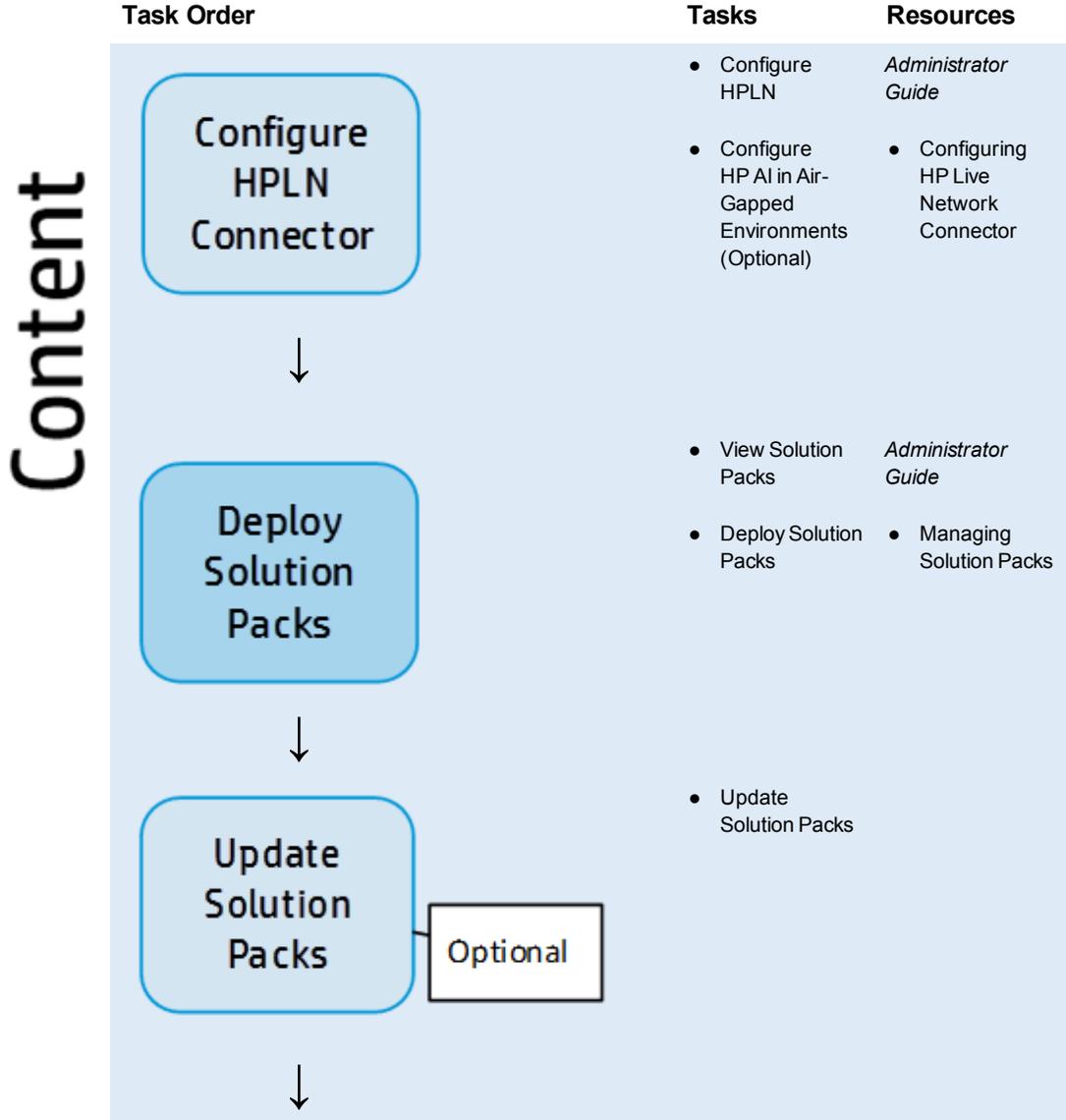
HP Automation Insight Workflow



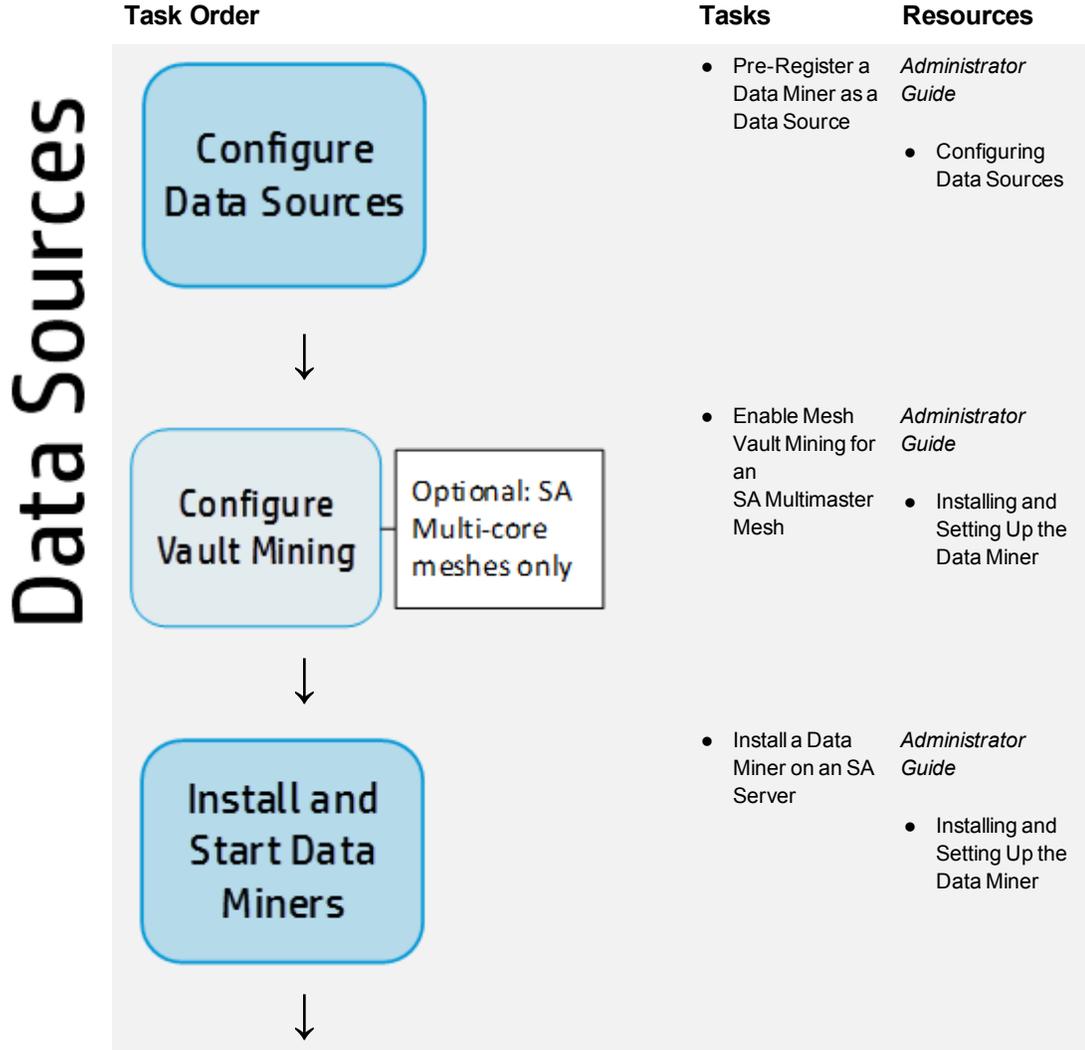
HP Automation Insight Workflow, continued



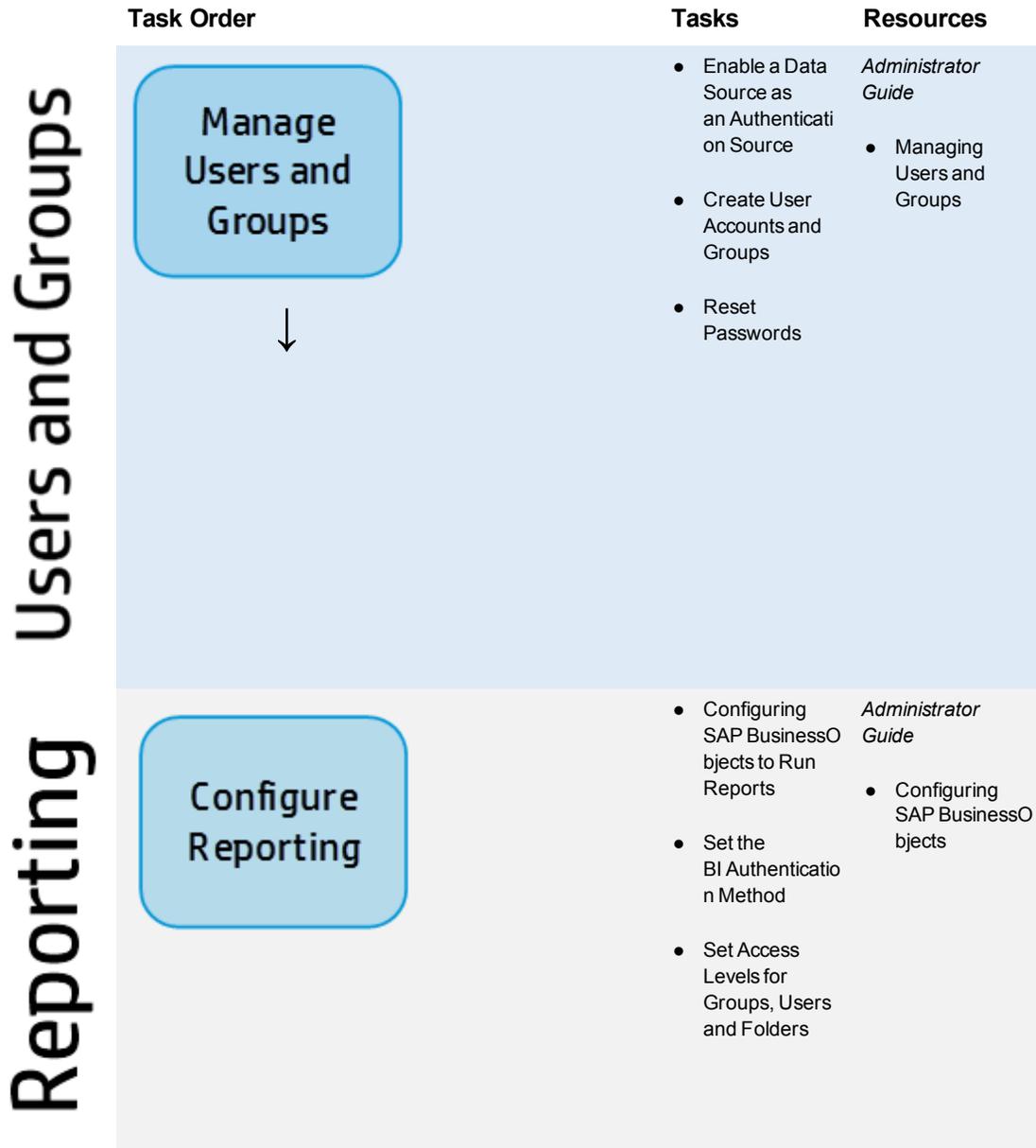
HP Automation Insight Workflow, continued



HP Automation Insight Workflow, continued



HP Automation Insight Workflow, continued



HP Automation Insight Documentation

This section lists the HP AI manuals and describes how to download the latest HP AI manuals.

Access the HP AI documentation listed below at: <http://h20230.www2.hp.com/selfsolve/manuals>

Document	URL
<i>HP Automation Insight Quick Start Guide</i>	http://support.openview.hp.com/selfsolve/document/KM00901789/binary/AutomationInsight_QuickStart_100.pdf

Document	URL
<i>HP Automation Insight Installation Guide</i>	http://support.openview.hp.com/selfsolve/document/KM00939718/binary/AutomationInsight_Installation_100.pdf
<i>HP Automation Insight Administrator Guide</i>	http://support.openview.hp.com/selfsolve/document/KM00901790/binary/AutomationInsight_Administrator_100.pdf
<i>HP Automation Insight User Guide</i>	http://support.openview.hp.com/selfsolve/document/KM00901791/binary/AutomationInsight_User_100.pdf
<i>HP Automation Insight Support Matrix</i>	http://support.openview.hp.com/selfsolve/document/KM00939716/binary/AutomationInsight_SupportMatrix_100.pdf
<i>HP Automation Insight Release Notes</i>	http://support.openview.hp.com/selfsolve/document/KM00939711/binary/AutomationInsight_ReleaseNotes_100.pdf
<i>HP Automation Insight Troubleshooting Guide</i>	http://support.openview.hp.com/selfsolve/document/KM00939720/binary/AutomationInsight_Troubleshooting_100.pdf
<i>HP Automation Insight Vertica Cluster Load Balancing and Failover</i>	http://support.openview.hp.com/selfsolve/document/KM00939721/binary/AutomationInsight_VerticaCluster_LoadBalancing_Failover_100.pdf
<i>HP Automation Insight Migrate BSAE Universes and Reports</i>	http://support.openview.hp.com/selfsolve/document/KM01001236/binary/AutomationInsight_Migrate_BSAE_Universes_Reports_100.pdf
<i>HP Automation Insight SA Compliance User Guide</i> <i>HP Automation Insight SA Inventory and Usage User Guide</i> <i>HP Automation Insight AI System Health User Guide</i> <i>HP Automation Insight SA User Management User Guide</i>	Solution pack user guides are provided with solution packs and are available for download from the HP Automation Insight portal on HPLN: https://hpln.hp.com/group/automation-insight

HP Vertica Database Documentation

Access HP Vertica Database documentation at the URLs in the following table, or click ? on the HP AI web administration user interface:

Document	URL
<i>HP Vertica Analytics Platform 6.1.x Administrator's Guide</i>	https://my.vertica.com/docs/6.1.x/PDF/HP_Vertica_6.1.x_AdminGuide.pdf

Document	URL
<i>HP Vertica Analytics Platform 6.1.x Installation Guide</i>	http://my.vertica.com/docs/6.1.x/PDF/HP_Vertica_6.1.x_InstallGuide.pdf
<i>HP Vertica Analytics Platform 6.1.x Supported Platforms</i>	http://my.vertica.com/docs/6.1.x/HP_Vertica_6.1.x_Supported_Platforms.pdf

For more information about the HP Vertica database, go to the HP Vertica Analytics 6.1.x Product Documentation web site at the following URL:

<http://www.vertica.com/documentation/documentation-6-1/>

SAP BusinessObjects Documentation

Access SAP BusinessIntelligence Platform 4.0 Support Package 7 documentation at the URLs in the following table, or click ? on the HP AI web administration user interface:

Document	URL
<i>Business Intelligence Platform Administrator Guide</i>	http://help.sap.com/businessobject/product_guides/boexir4/en/xi4sp7_bip_admin_en.pdf
<i>BI Launch Pad User Guide</i>	http://help.sap.com/businessobject/product_guides/boexir4/en/xi4sp4_bip_iv_en.pdf
<i>SAP BusinessObjects Web Intelligence Users Guide</i>	http://help.sap.com/businessobject/product_guides/boexir4/en/xi4sp4_ia_en.pdf
<i>BI Workspaces User Guide</i>	http://help.sap.com/businessobject/product_guides/boexir4/en/xi4_bi_workspace_user_en.pdf

For more information about SAP BusinessObjects 4.0, go to the SAP BusinessObjects Business Intelligence platform 4.0 web site at the following URL: <http://help.sap.com/bobip40>.

Get the Latest HP AI Manuals

You can download the latest AI manuals as follows.

1. Go to <http://support.openview.hp.com/selfsolve/manuals>.
2. Log in with your HP Passport.

To get an HP passport, select the link “New Users - Please register.”

3. In the Product field, select Automation Insight.
4. In the Product Version field, select a version of HP AI.

5. In the Operating System field, select any operating system.
6. Select the Search button. This displays the HP AI manuals available for the product version you selected.
7. Select any manual to download it.

How to Find Information Resources

To access the information resources for the included products, use any of the following methods:

- Access individual documents by title and version with Documentation Libraries.
- Use the All Manuals Downloads .zip file to download PDFs of the documentation set to a local directory.
- Find documents on the HP Software Documentation Portal.
- Click the ? in the HP AI web administration user interface.
- Access solution pack user guides from HPLN for your solution pack.

To access individual documents:

1. Go to the Documentation Library for the product: **Automation Insight Documentation Library**.
2. Log in using your HP Passport credentials.
3. Locate the desired document title and version and then click the **go** link.

To use the complete documentation set in a local directory:

1. To download the complete documentation set to a local directory:
 - a. Go to the All Manuals Download for the product: **Automation Insight All Manuals Download**.
 - b. Log in using your HP Passport credentials.
 - c. Download the ZIP file to a local directory.
 - d. Unzip the file to a local directory.
2. To locate a document in the local directory, search through the filenames to identify the desired document.
3. To search for a keyword across all documents in the documentation set:

- a. Open any PDF document in the local directory.
- b. Select **Edit > Advanced Search** (or Shift+Ctrl_F).
- c. Select the All PDF Documents option and browse for the local directory.
- d. Enter your keyword and click **Search**.

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