

HP BSA Essentials

for the Red Hat Enterprise Linux, Solaris, and Windows® operating systems

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Release Notes

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1 Welcome to BSA Essentials 2.0

BSA Essentials Features

Welcome to BSA Essentials 2.0, which provides both high level and detailed historical reporting on your data center's automation processes for BSA Server and Network Automation products.

BSA Essentials gives you insight through a rich reporting regarding the cost effectiveness and return on investments for the various automated processes in your data center, and provides a window into the compliance state of your servers, devices, and business applications.

BSA Essentials 2.0 provides the following new features:

Web-Based Historical Reporting

BSA Essentials 2.0 provides Web-based reporting capabilities to report on data from both Server Automation (SA) and Network Automation (NA) products.

Selecting data from the SA and NA reporting universes, you can build Web Intelligence documents to define and display historical and trending information about your data center. Reports can be saved as documents and shared with other users, can be exported to external file formats, and can be scheduled and emailed to others in your organization.

Legacy BIRT-based Historical Reporting

For SA, NA and Operations Orchestration (OO)-related reporting, BSA Essentials also supports the BIRT reporting engine. You may develop and/or use BIRT reports with custom SQL to suit your reporting needs.

Cross Device, Policy, and Job Groups

BSA Essentials 2.0 allows you to make cross-product groupings of various devices, policies, and jobs from each of the BSA products deployed in your data center — Server Automation (SA), and Network Automation (NA) — so that you can group the information to make the most business sense for you in your custom reports.

Reporting "Universes" for Server Automation and Network Automation

BSA Essentials leverages SAP BusinessObjects (BO) reporting technology to enable cross-product historical reporting. The most important artifacts in utilizing BO technology are the reporting "universes," which determine the kinds of objects you can report upon from the different BSA products (SA and NA). Reporting Universes provide detailed and granular control in determining the specific types the data you want to appear in report results.

The BSA Essentials 2.0 release provides three reporting universes: SA General, SA Compliance, and NA General.

Installation Options

Single server, dual server, and collocated (BSA Essentials database collocated with that of SA or NA).

Customer-provided Oracle installation may be used in conjunction with single server or dual server deployment of BSA Essentials. BSA Essentials 2.0 gives you the flexibility to install the product to best fit your deployment infrastructure.

User and Group Authentication and Permissions

BSA Essentials 2.0 uses a role-based security authentication system that enables you to grant access to reporting features and access to specific data types from BSA Essentials product using group membership.

Support for External Authentication Systems - LDAP

If you are using BSA Essentials with SA, you may import your SA user groups and allow SA to perform login authentication for those users. In addition, you may use LDAP/Active Directory for authenticating any user.

Other Release Notes

Issues relating directly to other products that are integrated with BSA Essentials, such as SA, ASAS, NA and OO, have been documented in the Release Notes for that product. See the Release Notes for a specific product you are using with BSA Essentials for issues directly associated with that product.

BSA Essentials 2.0 Supported Platforms

For information regarding supported platforms for the BSA Essentials 2.0, see the BSA Essentials 2.0 Platform Support document.

2 Known Problems, Restrictions, and Workarounds in BSA Essentials 2.0

BSA Essentials — Core and Installation

Installation

QCCR1D 105190

Description: Installation Failure Due to Dual Server Latency Issues in Dual Server on Separate Network Deployments

Platform: Solaris or Red Hat Linux

Subsystem: BSA Essentials Installation

Symptom: In some dual server installations of BSA Essentials, if the database server and the core server existed in separate networks or data centers, latency issues were experienced which caused the installation to fail.

Workaround: If you are installing in a dual server configuration, make sure that the database server and core server are located in one data center or in one local network, or there could be latency issues.

QCCR1D 105849

Description: Installing BSA Essentials on Opteron Servers Sometimes Fails

Platform: Solaris or Red Hat Linux

Subsystem: BSA Essentials Installation

Symptom: BSA Essentials installation may fail in rare cases on an AMD Opteron-based server. HP has noticed one instance of such install failure on system with an Opteron processor.

Workaround: If you have an Opteron processor, contact HP support with the captured error message in the verbose log stating that the "CMS is not started."

BSA Essentials Client

Permissions

QCCR1D 59185

Description: A Cooper Exception error may display in a search result.

Platform: Independent

Subsystem: BSA Essentials Client (SAR) - Permissions

Symptom: Running an Advanced Search with a filter operator of either Contains, or Does Not Contain, and a filter value containing one or more blank spaces as the entire value, may cause a Cooper Exception error to display as the search result.

If the user running the search or report has a security boundary that has one or more blank spaces as the entire value of a Contains or Does Not Contain constraint, a Cooper Exception error may also result.

Workaround: None.

Reports

QCCR1D 67444/156090

Description: Scheduled reports set to a single date may not display correct information.

Platform: Independent

Subsystem: BSA Essentials Client (SAR) - Reports

Symptom: A scheduled report that is set to a single date instead of a date range may not display expected results. For example, setting a scheduled report run daily to display January 1's data on January 2 results in a daily report of January 1's data.

Workaround: Set the date of a single-date scheduled report to today.

Search

QCCR1D 59845/59843

Description: Unable to Search for SAS Device Group, NAS Device Group or SAS Server.

Platform: Independent

Subsystem: BSA Essentials Client (SAR) - Search

Symptom: When you search for a SAS (SA) Server Group and the query contains the relationship "Parent of SAS Server Group", then the search does not yield accurate results. The same behavior is observed for:

- NAS Device Group containing the relationship "Parent of NAS Device Group"
- SAS Server containing the relationship "Processed by SAS Jobs"

Also when you search for SAS Servers and the query contains "Processed by SAS Job", then the search does not return any results. The same behavior is also observed for the Item Browser.

Workaround: None.

BSA Essentials Web Client

Administration/Users and Groups

QCCR1D 103854

Description:

Platform: Independent

Subsystem: BSA Essentials Web Client - Administration Tab

Symptom:

Workaround: None.

Product Integration

QCCR1D 106739

Description: UCMDB not qualified

Platform: Independent

Subsystem: BSA Essentials

Symptom: UCMDB integration will not be qualified with BSAE 2.00 when BSAE 2.00 is Generally Available. This is applicable to both the Discovery Pattern integration and the Federation Adapter integration that UCMDB has with the legacy SAR product. Hence, if you have a working SAR-to-UCMDB integration in place and you choose to upgrade from SAR to BSAE 2.0, there is no supported way to preserve your existing SAR-to-UCMDB integration with BSAE 2.0.

HP's plan is to qualify BSAE integration with UCMDB in the near future.

Workaround: None

QCCR1D 106740

Description: BSA Essentials not qualified with Atrium Connector

Platform: Independent

Subsystem: BSA Essentials

Symptom: Atrium CMDB integration has not been qualified with BSA Essentials 2.00 when BSA Essentials 2.00 is Generally Available. This is applicable to the Seamless connector-integration that Atrium has with the legacy SAR product. What this means is that if you have a working SAR-to-Atrium integration in place via the Seamless connector and you choose to upgrade from SAR to BSA Essentials 2.0, there is no supported way to preserve your existing SAR-to-Atrium integration with BSA Essentials 2.0.

HP's plan is to qualify BSA Essentials integration with Atrium CMDB via the Seamless connector in the near future.

Workaround: None

