

Comverse® ONE™

3.5.50

System Validation Check Reference

notification is sent To The destination (single multiple destinations). Following the notification received VoIS AETer getting The notification, The message recipient may retrieve The message onThe using The 'quick click' direct access To The message

Manual

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Comverse ONE Documentation List



NOTE

this is a comprehensive list. As such, it may include documentation for products which you have not licensed.

The documents described below reference the Comverse ONE solution products. All documentation available with the Comverse ONE solution is described in the following pages, organized by the following categories:

- Infrastructure Domain
- Rating, Charging, and Promotions Domain
- Billing and Financials Domain (Converged only)
- Customer and Order Management Domain (Converged only)
- Mediation and Roaming Solutions Domain
- Self-Service Solutions Domain



NOTE

Read the relevant Solution Description first to get an overview of *your* Comverse ONE solution. It gives an overview of the functionality in each product domain and also includes cross-references to the user documentation that provides more detailed information about the functionality.

There are two such documents and they are listed under the Infrastructure Domain heading below.

- *Converged Billing & Active Customer Management Solution Description*
- *Real-Time Billing & Active Customer Management Solution Description*

Infrastructure Domain

Download every document in the Infrastructure domain if you purchase the Comverse ONE solution. Documentation for this domain includes the following (in alphabetical order):

- *Alarms Reference*
Contains tables of alarm IDs, descriptions, likely causes, and recommended resolutions for systems and components.
- *Back Office Administration GUI Guide*
Provides information about the BackOffice subsystems for Inventory Administration, Address Management and Bulk Operations.
- *Converged Billing & Active Customer Management Solution Description*
General overview of the Comverse ONE Converged Offer and the functionality available in each domain.
- *Database Reference*
Describes all database tables and fields in detail.

- **Disaster Recovery Operations Guide** (Optional Module)
The Disaster Recovery Operations Guide serves as both a technical overview of the optional Disaster Recovery solution and as a guide which details the operational procedures for failover, switchover and switchback provided by the solution.
- **Glossary**
Provides a list of terms used specifically for the Comverse ONE solution
- **Investigation Units and Financial GUIs Guide**
Describes the GUI-based tools used for investigating and troubleshooting various financials related processes: payments, bill invoices, refunds, and incomplete data work entries
- **Operation Reference**
Describes the processes in the Comverse ONE solution.
- **Platform Operations Guide**
Describes the back-end operations and maintenance functionality of the core Comverse ONE solution components. Includes AIX/HACMP platform and cluster operations, Linux/Veritas platform and cluster operations, backup/recovery, shared storage and fiber switch operations, and tape backup operations.
- **Product Catalog Overview**
Provides a high-level description of the Comverse ONE solution Product Catalog, which is the primary mechanism for creating, configuring, managing, and propagating Product Catalog versions.
- **Product Catalog User Guide**
Instructions on using the Product Catalog application to define and manage all aspects of Service provisioning.
- **Real-Time Billing & Active Customer Management Description**
General overview of the Comverse ONE Real-Time Offer and the functionality available in each domain.
- **Schedulable Entity Reference Manual**
Documents all the jobs, monitors, and workflows, for each component.
- **Security Platform Operations Guide**
Technical overview of the security platform and information on how to provision and administer the platform.
- **Security Server API Guide**
Provides an overview of the interfaces exposed by the Java-based Security SDK API, which client applications can leverage to access various security services, such as authentication, authorization, auditing, key management, and credentials management. Also provides information on the Security Web Services API, which provides interfaces to a subset of Security Server commands (Identity Management commands).
- **Signaling Gateway Unit Guide**
Describes the hardware, installation, configuration, and maintenance of the Signaling Gateway Unit (SGU) used to connect Comverse real-time systems to the SS7 signaling network using either traditional SS7 protocols or Sigtran (SS7 over IP).
- **System Measurements Guide**
The Comverse ONE Solution automatically collects statistical data from the Service Logic Unit (SLU) and the Service Gateway Unit (SGU). This includes service statistics on the SLF layer and platform data on the IPF layer.
This guide describes the format and location of this measurement information and provides a description of the meaning of the data. The measurement data can be used to create reports. It can also be imported into other applications (such as Excel) to be viewed.
- **Unified API Guide**
General overview of the Unified API, a brief description of its architecture, and information about:
 - Framework classes and the functionality they provide

- Two standard interfaces provided with the Unified API (client SDK and web services)
 - A subset of Unified API business methods most commonly used
- **Unified Platform Guide**
Technical overview of the Unified Platform and information on the procedures to manage core systems operations in the Comverse ONE solution.

Rating, Charging, and Promotions Domain

Documentation for this domain includes the following (in alphabetical order):

- **Bulk Provisioning Guide**
 - The *CC Batch* utility enables bulk creation of recharge vouchers and subscribers.
 - The *Bulk Provisioning* Utility enables bulk creation of anonymous accounts to support the pre-activation of pre-paid SIM cards.
- **Call Flows Reference**
Call flows detail the logic flow of specific scenarios. Multiple access numbers can map to the same call flow. Different resellers have the option to publish different numbers but share the same logic.
- **Charging Interfaces Guide**
Describes the four interfaces that enable external services to support real-time authorization, rating, and charging for transactional usage: (1) the Event Charging Interface, a simple TCP/IP-based interface, (2) Open Services Access (OSA), (3) a Diameter-based interface version enhanced to take advantage of features of the Comverse ONE solution, and (4) a Diameter-based interface packet-switched version.
- **Customer Care Client Provisioning Guide — Real-Time**
Detailed task-oriented instructions for using Customer Care Client.
- **Diameter Gateway Unit Guide**
Describes the hardware, installation, configuration and maintenance of the Diameter Gateway Unit (DGU) used to connect Comverse real-time systems to external services, using the diameter protocol over IP.
- **Network Interfaces and Notifications Guide**
Describes the operation, features, and provisioning of notifications, CAMEL-enabled services, and USSD-enabled services.
- **Network Self-Care Guide**
Describes the configuration, structure, and features.
- **Rating Technical Reference**
Describes the Unified Rating Engine, which is the subsystem responsible for gathering incoming CDRs and processing them for billing.
- **Reports and Data Extracts Guide — Real-Time**
Describes the real-time Operational Reports Interface (ORI) and the Data Warehouse Extract Utility.
- **Recurring–Non-Recurring Charges Server Guide**
Describes all processes commonly available through the Recurring —Non-Recurring Charges Server.
- **Voucher and Recharge Guide**
Describes the process by which subscribers add funds to accounts using recharge vouchers through IVR, interaction with Customer Service, and other methods. Provides details of the Recharge Control Table, which allows resellers to provision the effects of recharges so that bonuses, discounts, and other changes to offers can result from a successful recharge. Also describes the Card Generator software used to create batches of recharge vouchers.

Billing and Financials Domain (Converged only)

Documentation for this domain includes the following (in alphabetical order):

- ***Advanced Invoice Numbering Guide***
Describes how to configure and use Advanced Invoice Numbering.
- ***Billing Reports and File Layouts User Guide***
Describes control reports and other file formats.
- ***Billing Technical Reference***
High-level descriptions of billing architecture, administration, bill generation and formatting, and system parameters
- ***Collections Guide***
Contains information on configuring Collections database tables, running the Collections module, and using the Collections interface.
- ***Invoice Designer Strings and Filters Reference***
Describes the static strings, dynamic strings, and filters in the Invoice Designer.
- ***Invoice Designer Technical Reference***
Describes how to configure and run Invoice Designer.
- ***Invoice Designer User Guide***
Describes the Invoice Designer and how to perform the tasks needed to create an invoice template.
- ***Journals Guide***
Describes the theory, configuration, and running of Journals processes.
- ***Miscellaneous Configurable Entities***
Instructions for configuring late fees, adjustments, and several other database entities used in postpaid and converged billing.
- ***Process Workflow Orchestration Guide***
Describes the command-line entries and the default queries for running billing-related processes via the Unified Platform.
- ***Taxation Guide***
Describes the configuration, operation, structure, and features of Taxation.

Customer and Order Management Domain (Converged only)

Documentation for this domain includes the following (in alphabetical order):

- *Application Integrator Adapter Developer Kit User Guide*
Provides information necessary for the development of custom Application Integrator adapters.
- *Application Integrator Add/Copy Header User Guide*
Describes the adapter that adds or copies header information in messages.
- *Application Integrator Aggregator Adapter User Guide*
Describes the adapter that aggregates multiple input messages as a single composite output message.
- *Application Integrator File Adapter User Guide*
Describes the configuration process and rules for the file adapter.
- *Application Integrator CORBA Adapter (JacORB) User Guide*
Describes the elements and uses of the Application Integrator client and server Common Object Request Broker Architecture (CORBA) adapters for JacORB.
- *Application Integrator Filemover Adapter User Guide*
Describes the use and configuration of the adapter, which is used to copy or move files from one machine to another.
- *Application Integrator Generic Services User Guide*
Describes the Null adapter, Trash adapter, and Initiator adapter generic services.
- *Application Integrator HTTP Adapter User Guide*
Describes the use and configuration of the adapter which provides an interface between HTTP clients and the Application Integrator.
- *Application Integrator IPDR Adapter User Guide*
Describes use and configuration of the I adapter which converts the “compact encoding” form of IPDR billing record documents into a form easily parsed by the Application Integrator message broker.
- *Application Integrator JMS Adapter User Guide*
Describes the use and configuration of the adapter, which is used with edge systems that transmit or receive JMS messages.
- *Application Integrator KSI Adapter User Guide*
Describes the use and configuration of the adapter, which is used with edge systems that transmit or receive data formatted according to the Kenan Standard Interface (KSI) protocol.
- *Application Integrator Operator Guide*
Describes the commands that operate the Application Integrator at creation and runtime.
- *Application Integrator Python Adapter User Guide*
Describes the use and configuration of the adapter, which enables a user to run a *Python* script from within an integration.
- *Application Integrator Retry Adapter User Guide*
Describes the use of the adapter to resend messages in case of failed transmissions.
- *Application Integrator SAS Adapter User Guide*
Describes the use and configuration of the adapter, which is used with edge systems that transmit or receive data formatted according to the *Comptel* Mediation Device Solutions/Subscriber Administration System (MDS/SAS) protocol.
- *Application Integrator Sequence Adapter User Guide*
Describes the use of the adapter to generate unique sequence numbers for messages.
- *Application Integrator System Administrator Guide*
Outlines installation, sizing, operation, and administration of the Application Integrator

and logging. Describes configuration of the user environment and commands for creation and operation of the Application Integrator.

- ***Application Integrator Unified API Client Adapter User Guide***
Describes the adapter which is used for interfaces based on the Unified API Client.
- ***Application Integrator Unified API Server Adapter User Guide***
Describes the adapter which is used for interfaces based on the Unified API Server.
- ***Application Integrator URL Client Adapter User Guide***
Describes the use and configuration of the adapter which makes it possible for a client to gain access to many kinds of network-accessible resources that are identified by a URL.
- ***Application Integrator User Guide***
Describes creating integration specifications, creating instances of the Application Integrator, and commands for operation of the Application Integrator. Provides a complete user guide for the iMaker compiler.
- ***Application Integrator XSLT User Guide***
Describes the use and configuration of the adapter which is used with applications (sometimes called edge systems) that transmit or receive XML- formatted data.
- ***Customer Center User Guide***
Detailed task-oriented instructions for using Customer Center.
- ***Inventory Guide***
Describes the configuration, operation, structure, and features of Inventory.
- ***Inventory Replenishment Guide***
Describes the operation, structure, and features of Inventory Replenishment.
- ***Orders Services Guide***
Describes the structure and features of Orders Services.
- ***Request Handling and Tracking and Service Fulfillment User Guide***
Describes the configuration, operation, structure and features of Request Handling and Tracking and Service Fulfillment.
- ***Workflow Developers Guide***
Helps new users understand the rules-based business process management system so users can create solutions and integrate Workpoint within those solutions.
- ***Workflow User Guide***
Describes the configuration, operation, structure, and features of Workpoint.

Customer Relationship Management

- ***Billing Reports and File Layouts User Guide***
Describes control reports and other file formats.
- ***Campaign Management Data Mapping Reference***
Describes how the data in DataMart is mapped to information in the Comverse ONE Customer database, the Comverse ONE ODS, and the Comverse ONE Sales and Service database.
- ***Campaign Management DataMart Reference***
Contains in-depth technical information on how to configure and populate the data mart used by all Campaign Management applications.
- ***Campaign Management Outbound Marketing Manager Reference***
Describes how to use the Campaign Management Outbound Marketing Manager features and guides you through the program's basic functionality.
- ***Campaign Management Quick Implementation Guide***
Helps novice users get started with implementing Campaign Management. It contains an overview of the product architecture, information on data mart design and creation, an explanation of how extraction works, and procedures for creating web pages, reports, lists, and campaigns.
- ***Campaign Management Topic Implementation Guide***
Provides information for implementers and professional services personnel who are creating applications that will run on an Campaign Management EpiCenter. Summarizes the Campaign Management functionality, architecture, and administration and contains in-depth technical information for configuring the Campaign Management topics required for Campaign Management and analysis.
- ***Campaign Management User Guide***
Provides you with basic information about the Campaign Management applications.
- ***Case Management User and Administration Guide***
Contains detailed information about GUI screens and form fields that appear in the Case Management application. Also provides information on performing general procedures in the GUI and administrative tasks.
- ***Customer Center User Guide***
Detailed task-oriented instructions for using Customer Center.
- ***Sales and Service Admin Console User Guide***
Provides supervisors, managers, and executives with the information to use the Case Management and Sales Force Automation Admin Console application.
- ***Sales and Service Application Reference*** Contains technical reference information relevant to implementers involved in implementing and customizing CRM applications at customer sites. This book provides the reference context for the procedural information available in the Implementation Guide.
- ***Sales and Service Architecture Reference***
Provides technical information relevant to individuals involved in implementing the Open Architecture and the applications built on the architecture
- ***Sales and Service Data Dictionary Reference***
Includes a listing and description of the tables and columns used to store CRM operational business data. It also includes a description of the naming conventions for the tables. The target audience includes database administrators, application developers, and implementers.
- ***Sales and Service IBR Designer User Guide***
Describes how to use the IBR Designer to create Intelligent Business Rules, which can be used to implement rule-based behavior within your CRM applications.

- ***Sales and Service Implementation Guide***
Provides procedural information relevant to individuals involved in implementing and customizing the core and the Sales and Service applications built on the core.
- ***Sales and Service Integration Guide***
Provides overview and configuration information for the set of tools used to exchange data with a variety of back-end data sources, including generic SQL sources, Java and EJB-based sources, Web services, and other database types.
- ***Sales and Service Workflow Designer***
Explains how to use Workflow Designer, a web-based graphical tool for defining and editing workflows
- ***Sales Force Automation User and Administration Guide***
Contains detailed information about GUI screens and form fields that appear in the Sales Force Automation application. Also provides information on performing general procedures in the GUI and administrative tasks.

Mediation and Roaming Solutions Domain

Documentation for this domain is subdivided into Mediation/Roaming and Revenue Settlements.

Mediation and Roaming

Mediation and Roaming documentation includes the following (in alphabetical order):

- ***API Guide***
Provides the concepts and functions for the Collection Application Programming Interface (CAPI), Mediation API, and Socket-Based Transmission API.
- ***Data Manager GUI Reference***
Contains detailed information about GUI screens and form fields that appear in the Data Manager interface
- ***GRID Mapping Language Developer Guide***
Describes the mediation feature components, semantics, and general syntax of the GRID Mapping Language (GML).
- ***Installation Guide for HP***
Describes how to install and configure the application, components, and some third-party applications associated with the HP platform.
- ***Installation Guide for HP Itanium***
Describes how to install and configure the application, components, and some third-party applications associated with the HP Itanium platform.
- ***Installation Guide for HP PA-RISC***
Describes how to install and configure the application, components, and some third-party applications associated with the HP PA-RISC platform.
- ***Installation Guide for IBM***
Describes how to install and configure the application, components, and some third-party applications associated with the IBM platform.
- ***Installation Guide for SUN***
Describes how to install and configure the application, components, and some third-party applications associated with the SUN platform.
- ***Mediation and Roaming User Guide***
Provides information on how to use the GUI interface, including information on using the Data System Manager application pages.
- ***Roaming Database Reference***
Provides reference information on the Roaming database.

- **Roaming Setup Guide**
Describes how to configure the Roaming Setup application pages. It also provides information on working with TAP, RAP, and CIBER statistics.
- **Scripts Guide**
Provides information on script files, which contain additional instructions on functions for data collection and transmission.
- **System Manager GUI Reference**
Contains detailed information about GUI screens and form fields that appear in the System Manager interface
- **Variable-Length GRID Guide**
Provides information on how to configure the control files for variable-length GRID.

Revenue Settlements

Revenue Settlements documentation includes the following (in alphabetical order):

- **Comverse Revenue Settlements Billing System Adapter Guide**
Describes the configuration, operation, and installation for the Billing System adapter.
- **Comverse Revenue Settlements Data Model Guide**
Overview of data model entities (such as partners, accounts, revenue sharing, and rate schedules) and how to configure them in the database.
- **Comverse Revenue Settlements Database Reference**
Detailed descriptions of fields and tables in the database.
- **Comverse Revenue Settlements Technical Reference**
Instructions for installing and operating Revenue Settlements. Also contains processing descriptions.
- **Comverse Revenue Settlements User Guide**
Instructions for using the Revenue Settlements GUI.

Self-Service Solutions Domain

The Comverse ONE Self-Service Solutions domain consists of the core products plus the optional separately licensed premium products. The core products consist of the following:

- Self-Service Solutions Platform
- Self-Service Solutions Applications

Self-Service Solutions Platform Documentation

The Self-Service Solutions Platform has a comprehensive set of documentation covering the installation, configuration, and use of our products. The documentation set is divided into the following categories:

- **Manuals:** These manuals cover installing and using the platform.
- **Reference:** These reference documents contain information about APIs, databases, configuration files, and so on. These documents are delivered in HTML.

Self-Service Solutions Platform Manuals

Self-Service Solutions Platform manuals include the following (in alphabetical order):

- **Self-Service Platform Administration Guide**
Provides operations and maintenance instructions for Web applications using the Self-Service Solutions Platform.

- ***Self-Service Platform Communications Billing and Usage Reference***
Provides detailed descriptions of the data models and structure of the Self-Service Solutions Platform Communications Billing and Usage (CBU) database.
- ***Self-Service Platform Connectors Development Guide***
Provides instructions for developing and customizing Connectors of the Self-Service Solutions Platform.
- ***Self-Service Platform Core Module Development Guide***
Provides instructions for configuring and developing features of the core module of the Self-Service Solutions Platform.
- ***Self-Service Platform Customer Interaction Datastore Reference***
Provides detailed descriptions of the data models and the structure of the Self-Service Solutions Platform Customer Interaction Datastore (CID).
- ***Self-Service Platform Database Modules Development Guide***
Provides instructions for configuring, customizing, and developing features of the database module of the Self-Service Solutions Platform.
- ***Self-Service Platform Installation Guide***
Provides installation and configuration instructions for the Self-Service Solutions Platform.
- ***Self-Service Platform Services Guide***
Provides instructions for configuring, customizing, and developing features that use the services provided by the Self-Service Solutions Platform.
- ***Self-Service Platform Processors Development Guide***
Provides instructions for developing and customizing Processors of the Self-Service Solutions Platform.
- ***Self-Service Platform Reports Development Guide***
Provides instructions for developing and customizing Reports of the Self-Service Solutions Platform.
- ***Self-Service Solutions Overview Guide***
Provides a high-level architectural and functional description of the Comverse ONE Self-Service Solutions. It also includes a detailed description of the concepts and development process to create and deploy Self-Service Solutions.
- ***Self-Service Platform Web Applications Development Guide***
Provides instructions for configuring, developing, and deploying Web applications that use the Self-Service Solutions Platform.

Self-Service Solutions Platform Reference

Self-Service Solutions Platform reference documentation includes the following (in alphabetical order):

- ***Base Logic Manager Reference***
Describes usage syntax and configuration files for the Base Logic Manager (BLM) APIs. These APIs are the core services of the Self-Service Solutions Platform.
- ***CID2CBU Object Mapping Reference***
Describes the default mapping of Customer Interaction Datastore (CID) and Communications Billing and Usage (CBU) objects.
- ***Communications Billing and Usage Reference***
Provides detailed descriptions of fields and tables in the Communications Billing and Usage (CBU) database.
- ***Customer Interaction Datastore Reference***
Provides detailed descriptions of fields and tables in the Customer Interaction Datastore (CID).

- ***Integration Services Framework API Reference***
Describes usage syntax of the set of APIs to program connectors and other components of the Intelligent Synchronization Framework (ISF).
- ***Integration Services Framework Message Cache Reference***
Provides detailed descriptions of fields and tables in the Intelligent Synchronization Framework (ISF) Message Cache.
- ***Integration Services Framework Script API Reference***
Describes usage syntax of the Intelligent Synchronization Framework (ISF) script APIs to program the ISF connectors.
- ***JavaServer Page Framework for Internet Application API Reference***
Describes usage syntax for the JavaServer Page Framework for Internet Application (JFN) APIs. These APIs are used to build JSPs using the JFN. This framework provides basic application functions and services as the foundation of user interfaces.
- ***Logger Message Reference***
Provides detailed descriptions of the Self-Service Solutions Platform log messages.
- ***QRA API Reference***
Describes usage syntax for the Query, Reporting, and Analysis (QRA) Engine APIs. These APIs are used to build reports.
- ***UTIL API Reference***
Describes usage syntax for the UTIL package used by different components of the Self-Service Solutions Platform. This package contains a set of utilities including the logger.

Self-Service Solutions Applications Documentation

Each Self-Service Solutions Application comes with a comprehensive set of documentation covering the installation, configuration, and use of the product. The application documentation expands and complements the Self-Service Solutions Platform documentation.

The documentation set is divided into the following categories:

- **Manuals:** These manuals cover installing and using the application.
- **Reference:** These reference documents contain information about APIs, databases, configuration files, and so on. These documents are delivered in HTML.

Self-Service Solutions Application Manuals

A full set of these manuals is available for each Self-Service Solutions Application. The documentation set includes the following (in alphabetical order):

- *Business Objects Model Reference*
Provides a detailed description of the models and entities that make up the Self-Service Solutions Application.
- *Catalog Loader Reference*
Provides information about the Catalog Loader, including a functional description as well as installation, configuration, and use instructions.
- *Configuration and Development Guide*
Provides instructions for configuring and developing Self-Service Solutions Application features.
- *Feature Reference*
Describes the logic and provides use cases for the functional domains of the application.
- *Out-of-the-Box Reference Guide*
Describes the Self-Service Solutions Application Out-of-the-Box release.
- *Self-Service Installation Guide for Comverse ONE*
Provides detailed installation, configuration, and deployment instructions for the Self-Service Solutions Application alongside other elements of the Comverse ONE solution.
- *Self-Service Installation and Deployment Guide*
Provides detailed installation, configuration, and deployment instructions for the Self-Service Solutions Application.
- *Introduction*
Provides a high-level architectural and functional description of the Self-Service Solutions Application. It covers common features, order management, account management, and bill presentment.

Self-Service Solutions Application References

A full set of these references is available for each Self-Service Solutions Application. The reference documentation set includes the following (in alphabetical order):

- *API Reference*
Describes usage syntax for the Self-Service Solutions Application APIs. These APIs are used to program the user interface and manage data.
- *Invoice Schema Reference*
Describes the invoice schema reference of the Self-Service Solutions Application.
- *Presentation Layer Page Flow Reference*
Describes the page flows of the Self-Service Solutions Application.
- *Specification Entity Relationship Diagrams*
Provides diagrams describing the actors, use cases, user activity, and storyboard in IBM Rational Rose format.

Self-Service Solutions - Separately Licensed Products

Documentation available with optional, separately-licensed premium products in the Comverse Self-Service Solutions is listed below.

Online Catalog Manager

Online Catalog Manager (OCM) documentation includes the following (in alphabetical order):

- *Introduction to the Online Catalog Manager*
Provides a high-level architectural and functional description of the Online Catalog Manager.
- *Online Catalog Manager Getting Started Guide*
Describes the best way to build product catalogs in the Online Catalog Manager. This manual is a template for creating end-user documentation.
- *Online Catalog Manager Installation and Configuration Guide*
Provides installation and configuration instructions for the Online Catalog Manager.
- *Online Catalog Manager User Documentation Template*
Describes the use of the Online Catalog Manager. This manual is a template for creating end-user documentation. This manual covers many common concepts and procedures of the OCM.
- *Online Catalog Manager User Guide*
Provides a detailed description of the concepts and use of the Online Catalog Manager. The topics include:
 - Managing Media Files
 - Managing Offers
 - Managing Prices
 - Managing Products
 - Managing Properties
 - Managing Reference Data
 - Publishing

Business Self-Service

The Business Self-Service product includes the standard Application documentation, plus the following manual:

- *Business Self-Service User Guide*
A guide to using the Business Self-Service UI.

CSR Portal

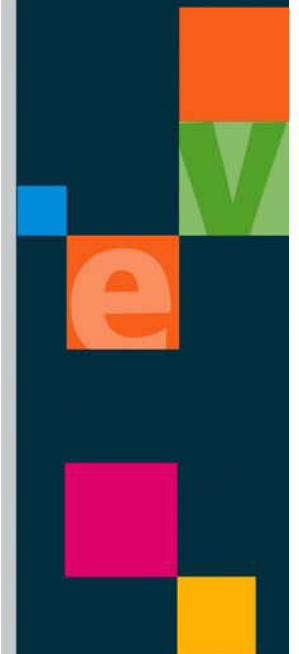
The CSR Portal product includes the standard Application documentation, plus the following manual:

- *CSR Portal User Guide*
A guide to using the CSR Portal UI.

Chapter 1

Introduction

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Introduction

Welcome

Welcome to the *System Validation Check Reference*.

The Unified Platform System Validation Check provides details on all validation checks for each ComverseONE component.

Who Should Use This Document

This document is intended for use by system administrators who are responsible for operations, administration, and maintenance (OAM) activities for the Comverse ONE solution. Specifically, this document will serve as the reference for all validation checks that are to be performed by the Unified Platform.

System Check Field Descriptions

The following section provides a description of the system check field properties. A system check represents a unique check that verifies something on the ComverseONE system. It is expected that there are sufficient system checks delivered such that the entire system can be validated to a point where a user is sure that there are no environment related issues that will cause ComverseONE components not to function properly. The tables in every section represent the details for a given system check. These reference tables are meant to be used by support personnel for the purpose of understanding the system check details in the Comverse ONE system.

The following table defines the system check properties.

Table 1 System Check Field Description

Field Name	Description
Application	Provides the application name that this system check is associated to.
Category	Provides the category of the system check.
Validation Check Identifier	Provides the label of identifier of the system check.
Command	Provides the low-level command that is used internally by this system check.
Recommended Action ID	Provides the label of the recommended action for a given system check.
Recommend Action	Provides information of what is recommended to analyze or fix if this system check returns a failure status.
Release Date	Provides the date when this check was introduced.
Check Mode	Provides whether this check is automated or manual.

Organization of This Document

The remainder of this document is organized as follows:

[Chapter 2, "System Check Reference"](#), provides the details for all validation checks for each Comverse ONE component



Chapter 2

System Check Reference

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System Checks

The following section provides details for all system checks for each component.

Component System Checks

The following sections outline for each Comverse ONE component all the supported system checks for that component. A system check represents a unique check that verifies something on the ComverseONE system. It is expected that there are sufficient system checks delivered such that the entire system can be validated to a point where a user is sure that there are no environment related issues that will cause ComverseONE components not to function properly. The tables in every section represent the details for a given system check. These reference tables are meant to be used by support personnel for the purpose of understanding the system check details in the Comverse ONE system

Field values that are blank, denotes that the corresponding named item is not applicable for that particular system check.

ADMIN System Checks

UPA

CLUSTER

UP_CHK_CLS_001

Check if the Cluster Services are correctly configured

Table 2 UP_CHK_CLS_001 details

Name	Value/Description
Application	UPA
Category	Cluster
Validation Check Identifier	UP_CHK_CLS_001
Command	cldump
Recommended Action ID	UP_REC_CLS_001
Recommended Action	Ensure that the Cluster services are correctly running.

Table 2 UP_CHK_CLS_001 details

Name	Value/Description
Automation Status	Automated
Release Date	8/18/09

UP_CHK_CLS_002

Check if the Cluster Resource Groups are ONLINE and correctly configured

Table 3 UP_CHK_CLS_002 details

Name	Value/Description
Application	UPA
Category	Cluster
Validation Check Identifier	UP_CHK_CLS_002
Command	cIRGinfo -c Check if any one of resource groups "Database_RG","App_RG","FX_APP_RG" or "FX_DB_RG" is online
Recommended Action ID	UP_REC_CLS_002
Recommended Action	Ensure that at least one Cluster Resource Group is ONLINE.
Automation Status	Automated
Release Date	8/18/09

ENVIRONMENT

UP_CHK_ENV_001

Check if "JBOSS_HOME" exists in root profile

Table 4 UP_CHK_ENV_001 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_001
Command	echo \$JBOSS_HOME
Recommended Action ID	UP_REC_ENV_001
Recommended Action	Set the environment variable JBOSS_HOME in the "root" profile

Table 4 UP_CHK_ENV_001 details

Name	Value/Description
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_002

Check if "JAVA_HOME" exists in root profile

Table 5 UP_CHK_ENV_002 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_002
Command	echo \$JAVA_HOME
Recommended Action ID	UP_REC_ENV_002
Recommended Action	Set the environment variable JAVA_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_003

Check if "ANT_HOME" exists in root profile

Table 6 UP_CHK_ENV_003 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_003
Command	echo \$ANT_HOME
Recommended Action ID	UP_REC_ENV_003
Recommended Action	Set the environment variable ORACLE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_005

Check if "SCORE_HOME" exists in root profile

Table 7 UP_CHK_ENV_005 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_005
Command	echo \$SCORE_HOME
Recommended Action ID	UP_REC_ENV_005
Recommended Action	Set the environment variable ANT_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_004

Check if "PERL5LIB" exists in root profile

Table 8 UP_CHK_ENV_004 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_004
Command	echo \$PERL5LIB
Recommended Action ID	UP_REC_ENV_004
Recommended Action	Set the environment variable SCORE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_016

Check if "ANT" executable is defined on the PATH

Table 9 UP_CHK_ENV_016 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_016
Command	ant -version

Table 9 UP_CHK_ENV_016 details

Name	Value/Description
Recommended Action ID	UP_REC_ENV_016
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_017

Check if "JAVA" executable is defined on the PATH

Table 10 UP_CHK_ENV_017 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_017
Command	java -help
Recommended Action ID	UP_REC_ENV_017
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_061

Check if the "localhost" entry is defined in "/etc/hosts" and is pingable

Table 11 UP_CHK_ENV_061 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_061
Command	ping localhost
Recommended Action ID	UP_REC_ENV_061
Recommended Action	Add the entry "localhost" to the "/etc/hosts" with a valid IP address and ensure that it is pingable.
Automation Status	Automated
Release Date	8/21/09

INSTALLATION

UP_CHK_INS_002

Check if "ProcessManager" Service has started

Table 12 UP_CHK_INS_002 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_002
Command	\$JBOSS_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD status grep "ProcessManagerService"
Recommended Action ID	UP_REC_INS_002
Recommended Action	Check the "wrapper.log" or "ProcessManagerService.log" in "\$JBOSS_HOME/log" for any errors
Automation Status	Automated
Release Date	8/18/09

NETWORK

UP_CHK_NET_005

Check if RSH can connect from LOCAL to LOCAL node without being prompted for a password

Table 13 UP_CHK_NET_005 details

Name	Value/Description
Application	UPA
Category	Network
Validation Check Identifier	UP_CHK_NET_005
Command	rsh <hostname>
Recommended Action ID	UP_REC_NET_005

Table 13 UP_CHK_NET_005 details

Name	Value/Description
Recommended Action	<p>Add the entry for the LOCAL node in the LOCAL \$HOME/.rhosts file. This file allows you to execute commands on remote nodes without being prompted for a password. The permissions on this file usually must be 0644 ([rw-r--r--]). It must exist in your home directory on every node that you need to use rsh with. Each line in the .rhosts file indicates a machine and user that programs may be launched from. For example, if the user abcd wishes to launch programs from the machine abcdmachine to the machines alpha, beta, and gamma, there must be a .rhosts file on each of the three remote machines ([alpha], beta, and gamma) with at least the following line in it: abcdmachine abcd</p> <p>The first field indicates the name of the machine where jobs may originate from; the second field indicates the user ID who may originate jobs from that machine</p>
Automation Status	Automated
Release Date	8/18/09

UP_CHK_NET_006

Check if RSH can connect from PEER to LOCAL node through the cross-link without being prompted for a password

Table 14 UP_CHK_NET_006 details

Name	Value/Description
Application	UPA
Category	Network
Validation Check Identifier	UP_CHK_NET_006
Command	rsh <peer_cross> rsh <hostname>
Recommended Action ID	UP_REC_NET_006
Recommended Action	<p>Add the entry for the PEER node in the LOCAL \$HOME/.rhosts file. This file allows you to execute commands on remote nodes without being prompted for a password. The permissions on this file usually must be 0644 ([rw-r--r--]). It must exist in your home directory on every node that you need to use rsh with. Each line in the .rhosts file indicates a machine and user that programs may be launched from. For example, if the user abcd wishes to launch programs from the machine abcdmachine to the machines alpha, beta, and gamma, there must be a .rhosts file on each of the three remote machines ([alpha], beta, and gamma) with at least the following line in it: abcdmachine abcd</p> <p>The first field indicates the name of the machine where jobs may originate from; the second field indicates the user ID who may originate jobs from that machine</p>
Automation Status	Automated
Release Date	8/18/09

UP_CHK_NET_007

Check if RSH can connect from LOCAL to PEER node through the cross-link without being prompted for a password

Table 15 UP_CHK_NET_007 details

Name	Value/Description
Application	UPA
Category	Network
Validation Check Identifier	UP_CHK_NET_007
Command	rsh <peer_cross>
Recommended Action ID	UP_REC_NET_007
Recommended Action	<p>Add the entry for the LOCAL node in the REMOTE \$HOME/.rhosts file. This file allows you to execute commands on remote nodes without being prompted for a password. The permissions on this file usually must be 0644 ([rw-r--]). It must exist in your home directory on every node that you need to use rsh with. Each line in the .rhosts file indicates a machine and user that programs may be launched from. For example, if the user abcd wishes to launch programs from the machine abcdmachine to the machines alpha, beta, and gamma, there must be a .rhosts file on each of the three remote machines ([alpha], beta, and gamma) with at least the following line in it:</p> <p>abcdmachine abcd</p> <p>The first field indicates the name of the machine where jobs may originate from; the second field indicates the user ID who may originate jobs from that machine</p>
Automation Status	Automated
Release Date	8/18/09

UP_CHK_NET_008

Check if RSH can connect from PEER to PEER node without being prompted for a password

Table 16 UP_CHK_NET_008 details

Name	Value/Description
Application	UPA
Category	Network
Validation Check Identifier	UP_CHK_NET_008
Command	rsh <peer_cross> rsh <peer>
Recommended Action ID	UP_REC_NET_008

Table 16 UP_CHK_NET_008 details

Name	Value/Description
Recommended Action	<p>Add the entry for the PEER node in the REMOTE \$HOME/.rhosts file. This file allows you to execute commands on remote nodes without being prompted for a password. The permissions on this file usually must be 0644 ([rw-r--r--]). It must exist in your home directory on every node that you need to use rsh with. Each line in the .rhosts file indicates a machine and user that programs may be launched from. For example, if the user abcd wishes to launch programs from the machine abcdmachine to the machines alpha, beta, and gamma, there must be a .rhosts file on each of the three remote machines ([alpha], beta, and gamma) with at least the following line in it:</p> <pre>abcdmachine abcd</pre> <p>The first field indicates the name of the machine where jobs may originate from; the second field indicates the user ID who may originate jobs from that machine</p>
Automation Status	Automated
Release Date	8/18/09

PLATFORM

UP_CHK_PLF_002

Check if the filesystem that will contain JBOSS_HOME directory, has sufficient space for installation

Table 17 UP_CHK_PLF_002 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_002
Command	df -g <jboss_parent_directory> grep -v Filesystem awk '{print \$3}' tail -1
Recommended Action ID	UP_REC_PLF_002
Recommended Action	Free at least 1GB of memory space in the filesystem that will contain "JBOSS_HOME" directory
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_001

Check if NTP is running and correctly synced with the External Time Server

Table 18 UP_CHK_PLF_001 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_001
Command	ntpq -p Check the "delay" field in the row marked with * in the "remote" column. If the delay is "0", then machine time is in sync with the external server.
Recommended Action ID	UP_REC_PLF_001
Recommended Action	Start that the NTP service if it is not already running and ensure that it is synchronised with the external server.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_004

Check if the total memory in both the nodes is equal

Table 19 UP_CHK_PLF_004 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_004
Command	free grep Mem awk '{print \$2}'
Recommended Action ID	UP_REC_PLF_004
Recommended Action	Ensure that the host and peer nodes have the same amount of total memory.
Automation Status	Automated
Release Date	8/18/09

PMS

UP_CHK_PMS_005

Check if "process.start.disable" (corresponding to flag "enable_process_start") is set to false in `$(jboss.home.dir)/conf/process.properties`

Table 20 UP_CHK_PMS_005 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_005
Command	grep -w '^process.start.disable' \$JBOSS_HOME/conf/process.properties
Recommended Action ID	UP_REC_PMS_005
Recommended Action	This flag is set to "TRUE" when Unified Platform is installed. This is done so that the processes are started in a pre-defined order using Process Orchestration. To start processes manually, this flag needs to be set to "FALSE" (if using MSHELL using the command "enable_process_start") or it is done automatically is done through the GUI.
Automation Status	Automated
Release Date	9/15/09

PRE-REQUISITE

UP_CHK_REQ_001

Check if pre-requisite "Term::Size" Perl module is installed

Table 21 UP_CHK_REQ_001 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_001
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath "\\\$_ if /\\\\\\\\.pm\\\\\\\\z/ };no_chdir => 1 }, \\@INC' grep -w Term/Size.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look for the Perl module "Term/Size.pm" in the output

Table 21 UP_CHK_REQ_001 details

Name	Value/Description
Recommended Action ID	UP_REC_REQ_001
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_002

Check if pre-requisite "Term::ReadLine::Gnu" Perl module is installed

Table 22 UP_CHK_REQ_002 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_002
Command	<pre>Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\.pm\\\.z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadLine/Gnu.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadLine/Gnu.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_002
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_003

Check if pre-requisite "Text::Shellwords" Perl module is installed

Table 23 UP_CHK_REQ_003 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite

Table 23 UP_CHK_REQ_003 details

Name	Value/Description
Validation Check Identifier	UP_CHK_REQ_003
Command	<p>Create a file by name "perlQuery" with permissions 755 and having the following contents:</p> <pre>#!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Text/Shellwords.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Text/Shellwords.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_003
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_004

Check if pre-requisite "Term::ReadKey" Perl module is installed

Table 24 UP_CHK_REQ_004 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_004
Command	<p>Create a file by name "perlQuery" with permissions 755 and having the following contents:</p> <pre>#!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadKey.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadKey.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_004
Recommended Action	Install the Unified Platform pre-requisite package.

Table 24 UP_CHK_REQ_004 details

Name	Value/Description
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_005

Check if pre-requisite "File::Remote" Perl module is installed

Table 25 UP_CHK_REQ_005 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_005
Command	<pre>Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w File/Remote.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "TFile/Remote.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_005
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_006

Check if pre-requisite "Tie::File" Perl module is installed

Table 26 UP_CHK_REQ_006 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_006

Table 26 UP_CHK_REQ_006 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -Tlw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Tie/File.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Tie/File.pm" in the output
Recommended Action ID	UP_REC_REQ_006
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_007

Check if pre-requisite "readline" Perl module is installed

Table 27 UP_CHK_REQ_007 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_007
Command	rpm -qa grep -w \$rpm_name grep -v "readline"
Recommended Action ID	UP_REC_REQ_007
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_008

Check if pre-requisite "readline-devel" Perl module is installed

Table 28 UP_CHK_REQ_008 details

Name	Value/Description
Application	UPA

Table 28 UP_CHK_REQ_008 details

Name	Value/Description
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_008
Command	rpm -qa grep -w "readline-devel"
Recommended Action ID	UP_REC_REQ_008
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_009

Check if pre-requisite RPM "expect-5" is installed

Table 29 UP_CHK_REQ_009 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_009
Command	rpm -qa grep -w "expect-5"
Recommended Action ID	UP_REC_REQ_009
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_010

Check if pre-requisite RPM "tcsh" is installed

Table 30 UP_CHK_REQ_010 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_010
Command	rpm -qa grep -w "tcsh"
Recommended Action ID	UP_REC_REQ_010

Table 30 UP_CHK_REQ_010 details

Name	Value/Description
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_011

Check if pre-requisite RPM "tcl" is installed

Table 31 UP_CHK_REQ_011 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_011
Command	rpm -qa grep -w "tcl"
Recommended Action ID	UP_REC_REQ_011
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_012

Check if pre-requisite RPM "tk" is installed

Table 32 UP_CHK_REQ_012 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_012
Command	rpm -qa grep -w "tk"
Recommended Action ID	UP_REC_REQ_012
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

ASU System Checks

UPA

ENVIRONMENT

UP_CHK_ENV_001

Check if "JBOSS_HOME" exists in root profile

Table 33 UP_CHK_ENV_001 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_001
Command	echo \$JBOSS_HOME
Recommended Action ID	UP_REC_ENV_001
Recommended Action	Set the environment variable JBOSS_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_002

Check if "JAVA_HOME" exists in root profile

Table 34 UP_CHK_ENV_002 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_002
Command	echo \$JAVA_HOME
Recommended Action ID	UP_REC_ENV_002
Recommended Action	Set the environment variable JAVA_HOME in the "root" profile

Table 34 UP_CHK_ENV_002 details

Name	Value/Description
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_003

Check if "ANT_HOME" exists in root profile

Table 35 UP_CHK_ENV_003 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_003
Command	echo \$ANT_HOME
Recommended Action ID	UP_REC_ENV_003
Recommended Action	Set the environment variable ORACLE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_004

Check if "PERL5LIB" exists in root profile

Table 36 UP_CHK_ENV_004 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_004
Command	echo \$PERL5LIB
Recommended Action ID	UP_REC_ENV_004
Recommended Action	Set the environment variable SCORE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_006

Check if "ORACLE_HOME" exists in root profile

Table 37 UP_CHK_ENV_006 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_006
Command	echo \$ORACLE_HOME
Recommended Action ID	UP_REC_ENV_006
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_007

Check if "LD_LIBRARY_PATH" exists in root profile

Table 38 UP_CHK_ENV_007 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_007
Command	echo \$LD_LIBRARY_PATH
Recommended Action ID	UP_REC_ENV_007
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_011

Check if "CBS_IVR_SERVER_INSTALLDIR" in "root" profile exists

Table 39 UP_CHK_ENV_011 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_011
Command	su - -c "echo \$CBS_IVR_SERVER_INSTALLDIR"

Table 39 UP_CHK_ENV_011 details

Name	Value/Description
Recommended Action ID	UP_REC_ENV_011
Recommended Action	Set the environment variable CBS_IVR_SERVER_INSTALLDIR in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_016

Check if "ANT" executable is defined on the PATH

Table 40 UP_CHK_ENV_016 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_016
Command	ant -version
Recommended Action ID	UP_REC_ENV_016
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_017

Check if "JAVA" executable is defined on the PATH

Table 41 UP_CHK_ENV_017 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_017
Command	java -help
Recommended Action ID	UP_REC_ENV_017
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_061

Check if the "localhost" entry is defined in "/etc/hosts" and is pingable

Table 42 UP_CHK_ENV_061 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_061
Command	ping localhost
Recommended Action ID	UP_REC_ENV_061
Recommended Action	Add the entry "localhost" to the "/etc/hosts" with a valid IP address and ensure that it is pingable.
Automation Status	Automated
Release Date	8/21/09

INSTALLATION

UP_CHK_INS_002

Check if "ProcessManager" Service has started

Table 43 UP_CHK_INS_002 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_002
Command	\$JBOSS_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD status grep "ProcessManagerService"
Recommended Action ID	UP_REC_INS_002
Recommended Action	Check the "wrapper.log" or "ProcessManagerService.log" in "\$JBOSS_HOME/log" for any errors
Automation Status	Automated
Release Date	8/18/09

PLATFORM

UP_CHK_PLF_002

Check if the filesystem that will contain JBOSS_HOME directory, has sufficient space for installation

Table 44 UP_CHK_PLF_002 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_002
Command	df -g <jboss_parent_directory> grep -v Filesystem awk '{print \$3}' tail -1
Recommended Action ID	UP_REC_PLF_002
Recommended Action	Free at least 1GB of memory space in the filesystem that will contain "JBOSS_HOME" directory
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_001

Check if NTP is running and correctly synced with the External Time Server

Table 45 UP_CHK_PLF_001 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_001
Command	ntpq -p Check the "delay" field in the row marked with * in the "remote" column. If the delay is "0", then machine time is in sync with the external server.
Recommended Action ID	UP_REC_PLF_001
Recommended Action	Start that the NTP service if it is not already running and ensure that it is synchronised with the external server.
Automation Status	Automated
Release Date	8/18/09

PMS

UP_CHK_PMS_005

Check if "process.start.disable" (corresponding to flag "enable_process_start") is set to false in \${jboss.home.dir}/conf/process.properties

Table 46 UP_CHK_PMS_005 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_005
Command	grep -w '^process.start.disable' \$JBOSS_HOME/conf/process.properties
Recommended Action ID	UP_REC_PMS_005
Recommended Action	This flag is set to "TRUE" when Unified Platform is installed. This is done so that the processes are started in a pre-defined order using Process Orchestration. To start processes manually, this flag needs to be set to "FALSE" (if using MSHELL using the command "enable_process_start") or it is done automatically is done through the GUI.
Automation Status	Automated
Release Date	9/15/09

PRE-REQUISITE

UP_CHK_REQ_001

Check if pre-requisite "Term::Size" Perl module is installed

Table 47 UP_CHK_REQ_001 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_001

Table 47 UP_CHK_REQ_001 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/Size.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/Size.pm" in the output
Recommended Action ID	UP_REC_REQ_001
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_002

Check if pre-requisite "Term::ReadLine::Gnu" Perl module is installed

Table 48 UP_CHK_REQ_002 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_002
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadLine/Gnu.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadLine/Gnu.pm" in the output
Recommended Action ID	UP_REC_REQ_002
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated

Table 48 UP_CHK_REQ_002 details

Name	Value/Description
Release Date	8/18/09

UP_CHK_REQ_003

Check if pre-requisite "Text::Shellwords" Perl module is installed

Table 49 UP_CHK_REQ_003 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_003
Command	<pre>Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\\$_ if /\\\.pm\\\\z/ };no_chdir => 1 }, \\\@INC' grep -w Text/Shellwords.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Text/Shellwords.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_003
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_004

Check if pre-requisite "Term::ReadKey" Perl module is installed

Table 50 UP_CHK_REQ_004 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_004

Table 50 UP_CHK_REQ_004 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadKey.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadKey.pm" in the output
Recommended Action ID	UP_REC_REQ_004
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_005

Check if pre-requisite "File::Remote" Perl module is installed

Table 51 UP_CHK_REQ_005 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_005
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w File/Remote.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "TFile/Remote.pm" in the output
Recommended Action ID	UP_REC_REQ_005
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated

Table 51 UP_CHK_REQ_005 details

Name	Value/Description
Release Date	8/18/09

UP_CHK_REQ_006

Check if pre-requisite "Tie::File" Perl module is installed

Table 52 UP_CHK_REQ_006 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_006
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\\$_ if /\\\.pm\\\\z/ };no_chdir => 1 }, \\\@INC' grep -w Tie/File.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Tie/File.pm" in the output
Recommended Action ID	UP_REC_REQ_006
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_007

Check if pre-requisite "readline" Perl module is installed

Table 53 UP_CHK_REQ_007 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_007
Command	rpm -qa grep -w \$rpm_name grep -v "readline"
Recommended Action ID	UP_REC_REQ_007

Table 53 UP_CHK_REQ_007 details

Name	Value/Description
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_008

Check if pre-requisite "readline-devel" Perl module is installed

Table 54 UP_CHK_REQ_008 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_008
Command	rpm -qa grep -w "readline-devel"
Recommended Action ID	UP_REC_REQ_008
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_009

Check if pre-requisite RPM "expect-5" is installed

Table 55 UP_CHK_REQ_009 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_009
Command	rpm -qa grep -w "expect-5"
Recommended Action ID	UP_REC_REQ_009
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_010

Check if pre-requisite RPM "tclsh" is installed

Table 56 UP_CHK_REQ_010 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_010
Command	rpm -qa grep -w "tclsh"
Recommended Action ID	UP_REC_REQ_010
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_011

Check if pre-requisite RPM "tcl" is installed

Table 57 UP_CHK_REQ_011 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_011
Command	rpm -qa grep -w "tclsh"
Recommended Action ID	UP_REC_REQ_011
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

ASYNCHRONOUS System Checks

UPA

ENVIRONMENT

UP_CHK_ENV_001

Check if "JBOSS_HOME" exists in root profile

Table 58 UP_CHK_ENV_001 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_001
Command	echo \$JBOSS_HOME
Recommended Action ID	UP_REC_ENV_001
Recommended Action	Set the environment variable JBOSS_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_002

Check if "JAVA_HOME" exists in root profile

Table 59 UP_CHK_ENV_002 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_002
Command	echo \$JAVA_HOME
Recommended Action ID	UP_REC_ENV_002
Recommended Action	Set the environment variable JAVA_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_003

Check if "ANT_HOME" exists in root profile

Table 60 UP_CHK_ENV_003 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_003
Command	echo \$ANT_HOME
Recommended Action ID	UP_REC_ENV_003
Recommended Action	Set the environment variable ORACLE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_004

Check if "PERL5LIB" exists in root profile

Table 61 UP_CHK_ENV_004 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_004
Command	echo \$PERL5LIB
Recommended Action ID	UP_REC_ENV_004
Recommended Action	Set the environment variable SCORE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_006

Check if "ORACLE_HOME" exists in root profile

Table 62 UP_CHK_ENV_006 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_006
Command	echo \$ORACLE_HOME

Table 62 UP_CHK_ENV_006 details

Name	Value/Description
Recommended Action ID	UP_REC_ENV_006
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_007

Check if "LD_LIBRARY_PATH" exists in root profile

Table 63 UP_CHK_ENV_007 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_007
Command	echo \$LD_LIBRARY_PATH
Recommended Action ID	UP_REC_ENV_007
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_008

Set the environment variable CBS_BATCH_INSTALLDIR in the "cbsuser" profile

Table 64 UP_CHK_ENV_008 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_008
Command	su - cbsuser -c 'bash -c "echo \$CBS_BATCH_INSTALLDIR"'
Recommended Action ID	UP_REC_ENV_008
Recommended Action	Set the environment variable CBS_BATCH_INSTALLDIR in the 'cbsuser' profile
Automation Status	Automated

Table 64 UP_CHK_ENV_008 details

Name	Value/Description
Release Date	8/18/09

UP_CHK_ENV_016

Check if "ANT" executable is defined on the PATH

Table 65 UP_CHK_ENV_016 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_016
Command	ant -version
Recommended Action ID	UP_REC_ENV_016
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_017

Check if "JAVA" executable is defined on the PATH

Table 66 UP_CHK_ENV_017 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_017
Command	java -help
Recommended Action ID	UP_REC_ENV_017
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_061

Check if the "localhost" entry is defined in "/etc/hosts" and is pingable

Table 67 UP_CHK_ENV_061 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_061
Command	ping localhost
Recommended Action ID	UP_REC_ENV_061
Recommended Action	Add the entry "localhost" to the "/etc/hosts" with a valid IP address and ensure that it is pingable.
Automation Status	Automated
Release Date	8/21/09

INSTALLATION

UP_CHK_INS_002

Check if "ProcessManager" Service has started

Table 68 UP_CHK_INS_002 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_002
Command	\$JBOSS_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD status grep "ProcessManagerService"
Recommended Action ID	UP_REC_INS_002
Recommended Action	Check the "wrapper.log" or "ProcessManagerService.log" in "\$JBOSS_HOME/log" for any errors
Automation Status	Automated
Release Date	8/18/09

PLATFORM

UP_CHK_PLF_002

Check if the filesystem that will contain JBOSS_HOME directory, has sufficient space for installation

Table 69 UP_CHK_PLF_002 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_002
Command	df -g <jboss_parent_directory> grep -v Filesystem awk '{print \$3}' tail -1
Recommended Action ID	UP_REC_PLF_002
Recommended Action	Free at least 1GB of memory space in the filesystem that will contain "JBOSS_HOME" directory
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_001

Check if NTP is running and correctly synced with the External Time Server

Table 70 UP_CHK_PLF_001 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_001
Command	ntpq -p Check the "delay" field in the row marked with * in the "remote" column. If the delay is "0", then machine time is in sync with the external server.
Recommended Action ID	UP_REC_PLF_001
Recommended Action	Start that the NTP service if it is not already running and ensure that it is synchronised with the external server.
Automation Status	Automated
Release Date	8/18/09

PMS

UP_CHK_PMS_005

Check if "process.start.disable" (corresponding to flag "enable_process_start") is set to false in \${jboss.home.dir}/conf/process.properties

Table 71 UP_CHK_PMS_005 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_005
Command	grep -w '^process.start.disable' \$JBOSS_HOME/conf/process.properties
Recommended Action ID	UP_REC_PMS_005
Recommended Action	This flag is set to "TRUE" when Unified Platform is installed. This is done so that the processes are started in a pre-defined order using Process Orchestration. To start processes manually, this flag needs to be set to "FALSE" (if using MSHELL using the command "enable_process_start") or it is done automatically through the GUI.
Automation Status	Automated
Release Date	9/15/09

PRE-REQUISITE**UP_CHK_REQ_001**

Check if pre-requisite "Term::Size" Perl module is installed

Table 72 UP_CHK_REQ_001 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_001

Table 72 UP_CHK_REQ_001 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/Size.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/Size.pm" in the output
Recommended Action ID	UP_REC_REQ_001
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_002

Check if pre-requisite "Term::ReadLine::Gnu" Perl module is installed

Table 73 UP_CHK_REQ_002 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_002
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadLine/Gnu.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadLine/Gnu.pm" in the output
Recommended Action ID	UP_REC_REQ_002
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated

Table 73 UP_CHK_REQ_002 details

Name	Value/Description
Release Date	8/18/09

UP_CHK_REQ_003

Check if pre-requisite "Text::Shellwords" Perl module is installed

Table 74 UP_CHK_REQ_003 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_003
Command	<pre>Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\.pm\\\\\\\\z/ };no_chdir => 1 }, \\@INC' grep -w Text/Shellwords.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Text/Shellwords.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_003
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_004

Check if pre-requisite "Term::ReadKey" Perl module is installed

Table 75 UP_CHK_REQ_004 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_004

Table 75 UP_CHK_REQ_004 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadKey.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadKey.pm" in the output
Recommended Action ID	UP_REC_REQ_004
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_005

Check if pre-requisite "File::Remote" Perl module is installed

Table 76 UP_CHK_REQ_005 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_005
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w File/Remote.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "TFile/Remote.pm" in the output
Recommended Action ID	UP_REC_REQ_005
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated

Table 76 UP_CHK_REQ_005 details

Name	Value/Description
Release Date	8/18/09

UP_CHK_REQ_006

Check if pre-requisite "Tie::File" Perl module is installed

Table 77 UP_CHK_REQ_006 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_006
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\\$_ if /\\\.pm\\\\\\\\z/ };no_chdir => 1 }, \\\\.@INC' grep -w Tie/File.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Tie/File.pm" in the output
Recommended Action ID	UP_REC_REQ_006
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_007

Check if pre-requisite "readline" Perl module is installed

Table 78 UP_CHK_REQ_007 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_007
Command	rpm -qa grep -w \$rpm_name grep -v "readline"
Recommended Action ID	UP_REC_REQ_007

Table 78 UP_CHK_REQ_007 details

Name	Value/Description
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_008

Check if pre-requisite "readline-devel" Perl module is installed

Table 79 UP_CHK_REQ_008 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_008
Command	rpm -qa grep -w "readline-devel"
Recommended Action ID	UP_REC_REQ_008
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_009

Check if pre-requisite RPM "expect-5" is installed

Table 80 UP_CHK_REQ_009 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_009
Command	rpm -qa grep -w "expect-5"
Recommended Action ID	UP_REC_REQ_009
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_010

Check if pre-requisite RPM "tclsh" is installed

Table 81 UP_CHK_REQ_010 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_010
Command	rpm -qa grep -w "tclsh"
Recommended Action ID	UP_REC_REQ_010
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_011

Check if pre-requisite RPM "tcl" is installed

Table 82 UP_CHK_REQ_011 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_011
Command	rpm -qa grep -w "tcl"
Recommended Action ID	UP_REC_REQ_011
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

ASYNCH-ADMIN System Checks

UPA

ENVIRONMENT

UP_CHK_ENV_001

Check if "JBOSS_HOME" exists in root profile

Table 83 UP_CHK_ENV_001 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_001
Command	echo \$JBOSS_HOME
Recommended Action ID	UP_REC_ENV_001
Recommended Action	Set the environment variable JBOSS_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_002

Check if "JAVA_HOME" exists in root profile

Table 84 UP_CHK_ENV_002 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_002
Command	echo \$JAVA_HOME
Recommended Action ID	UP_REC_ENV_002
Recommended Action	Set the environment variable JAVA_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_003

Check if "ANT_HOME" exists in root profile

Table 85 UP_CHK_ENV_003 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_003
Command	echo \$ANT_HOME
Recommended Action ID	UP_REC_ENV_003
Recommended Action	Set the environment variable ORACLE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_004

Check if "PERL5LIB" exists in root profile

Table 86 UP_CHK_ENV_004 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_004
Command	echo \$PERL5LIB
Recommended Action ID	UP_REC_ENV_004
Recommended Action	Set the environment variable SCORE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_006

Check if "ORACLE_HOME" exists in root profile

Table 87 UP_CHK_ENV_006 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_006
Command	echo \$ORACLE_HOME

Table 87 UP_CHK_ENV_006 details

Name	Value/Description
Recommended Action ID	UP_REC_ENV_006
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_007

Check if "LD_LIBRARY_PATH" exists in root profile

Table 88 UP_CHK_ENV_007 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_007
Command	echo \$LD_LIBRARY_PATH
Recommended Action ID	UP_REC_ENV_007
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_008

Set the environment variable CBS_BATCH_INSTALLDIR in the "cbsuser" profile

Table 89 UP_CHK_ENV_008 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_008
Command	su - cbsuser -c 'bash -c "echo \$CBS_BATCH_INSTALLDIR"'
Recommended Action ID	UP_REC_ENV_008
Recommended Action	Set the environment variable CBS_BATCH_INSTALLDIR in the 'cbsuser' profile
Automation Status	Automated

Table 89 UP_CHK_ENV_008 details

Name	Value/Description
Release Date	8/18/09

UP_CHK_ENV_016

Check if "ANT" executable is defined on the PATH

Table 90 UP_CHK_ENV_016 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_016
Command	ant -version
Recommended Action ID	UP_REC_ENV_016
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_017

Check if "JAVA" executable is defined on the PATH

Table 91 UP_CHK_ENV_017 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_017
Command	java -help
Recommended Action ID	UP_REC_ENV_017
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_061

Check if the "localhost" entry is defined in "/etc/hosts" and is pingable

Table 92 UP_CHK_ENV_061 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_061
Command	ping localhost
Recommended Action ID	UP_REC_ENV_061
Recommended Action	Add the entry "localhost" to the "/etc/hosts" with a valid IP address and ensure that it is pingable.
Automation Status	Automated
Release Date	8/21/09

INSTALLATION

UP_CHK_INS_002

Check if "ProcessManager" Service has started

Table 93 UP_CHK_INS_002 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_002
Command	\$JBOSS_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD status grep "ProcessManagerService"
Recommended Action ID	UP_REC_INS_002
Recommended Action	Check the "wrapper.log" or "ProcessManagerService.log" in "\$JBOSS_HOME/log" for any errors
Automation Status	Automated
Release Date	8/18/09

PLATFORM

UP_CHK_PLF_002

Check if the filesystem that will contain JBOSS_HOME directory, has sufficient space for installation

Table 94 UP_CHK_PLF_002 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_002
Command	df -g <jboss_parent_directory> grep -v Filesystem awk '{print \$3}' tail -1
Recommended Action ID	UP_REC_PLF_002
Recommended Action	Free at least 1GB of memory space in the filesystem that will contain "JBOSS_HOME" directory
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_001

Check if NTP is running and correctly synced with the External Time Server

Table 95 UP_CHK_PLF_001 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_001
Command	ntpq -p Check the "delay" field in the row marked with * in the "remote" column. If the delay is "0", then machine time is in sync with the external server.
Recommended Action ID	UP_REC_PLF_001
Recommended Action	Start that the NTP service if it is not already running and ensure that it is synchronised with the external server.
Automation Status	Automated
Release Date	8/18/09

PMS

UP_CHK_PMS_005

Check if "process.start.disable" (corresponding to flag "enable_process_start") is set to false in \${jboss.home.dir}/conf/process.properties

Table 96 UP_CHK_PMS_005 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_005
Command	grep -w '^process.start.disable' \$JBOSS_HOME/conf/process.properties
Recommended Action ID	UP_REC_PMS_005
Recommended Action	This flag is set to "TRUE" when Unified Platform is installed. This is done so that the processes are started in a pre-defined order using Process Orchestration. To start processes manually, this flag needs to be set to "FALSE" (if using MSHELL using the command "enable_process_start") or it is done automatically through the GUI.
Automation Status	Automated
Release Date	9/15/09

PRE-REQUISITE

UP_CHK_REQ_001

Check if pre-requisite "Term::Size" Perl module is installed

Table 97 UP_CHK_REQ_001 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_001

Table 97 UP_CHK_REQ_001 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/Size.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/Size.pm" in the output
Recommended Action ID	UP_REC_REQ_001
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_002

Check if pre-requisite "Term::ReadLine::Gnu" Perl module is installed

Table 98 UP_CHK_REQ_002 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_002
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadLine/Gnu.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadLine/Gnu.pm" in the output
Recommended Action ID	UP_REC_REQ_002
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated

Table 98 UP_CHK_REQ_002 details

Name	Value/Description
Release Date	8/18/09

UP_CHK_REQ_003

Check if pre-requisite "Text::Shellwords" Perl module is installed

Table 99 UP_CHK_REQ_003 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_003
Command	<pre>Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\.pm\\\\\\\\z/ };no_chdir => 1 }, \\@INC' grep -w Text/Shellwords.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Text/Shellwords.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_003
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_004

Check if pre-requisite "Term::ReadKey" Perl module is installed

Table 100 UP_CHK_REQ_004 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_004

Table 100 UP_CHK_REQ_004 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$ _ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadKey.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadKey.pm" in the output
Recommended Action ID	UP_REC_REQ_004
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_005

Check if pre-requisite "File::Remote" Perl module is installed

Table 101 UP_CHK_REQ_005 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_005
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$ _ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w File/Remote.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "TFile/Remote.pm" in the output
Recommended Action ID	UP_REC_REQ_005
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated

Table 101 UP_CHK_REQ_005 details

Name	Value/Description
Release Date	8/18/09

UP_CHK_REQ_006

Check if pre-requisite "Tie::File" Perl module is installed

Table 102 UP_CHK_REQ_006 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_006
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ };no_chdir => 1 }, \\@INC' grep -w Tie/File.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Tie/File.pm" in the output
Recommended Action ID	UP_REC_REQ_006
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_007

Check if pre-requisite "readline" Perl module is installed

Table 103 UP_CHK_REQ_007 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_007
Command	rpm -qa grep -w \$rpm_name grep -v "readline"
Recommended Action ID	UP_REC_REQ_007

Table 103 UP_CHK_REQ_007 details

Name	Value/Description
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_008

Check if pre-requisite "readline-devel" Perl module is installed

Table 104 UP_CHK_REQ_008 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_008
Command	rpm -qa grep -w "readline-devel"
Recommended Action ID	UP_REC_REQ_008
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_009

Check if pre-requisite RPM "expect-5" is installed

Table 105 UP_CHK_REQ_009 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_009
Command	rpm -qa grep -w "expect-5"
Recommended Action ID	UP_REC_REQ_009
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_010

Check if pre-requisite RPM "tclsh" is installed

Table 106 UP_CHK_REQ_010 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_010
Command	rpm -qa grep -w "tclsh"
Recommended Action ID	UP_REC_REQ_010
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_011

Check if pre-requisite RPM "tcl" is installed

Table 107 UP_CHK_REQ_011 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_011
Command	rpm -qa grep -w "tcl"
Recommended Action ID	UP_REC_REQ_011
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

ASYNCR-JMS System Checks

UPA

ENVIRONMENT

UP_CHK_ENV_001

Check if "JBOSS_HOME" exists in root profile

Table 108 UP_CHK_ENV_001 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_001
Command	echo \$JBOSS_HOME
Recommended Action ID	UP_REC_ENV_001
Recommended Action	Set the environment variable JBOSS_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_002

Check if "JAVA_HOME" exists in root profile

Table 109 UP_CHK_ENV_002 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_002
Command	echo \$JAVA_HOME
Recommended Action ID	UP_REC_ENV_002
Recommended Action	Set the environment variable JAVA_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_003

Check if "ANT_HOME" exists in root profile

Table 110 UP_CHK_ENV_003 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_003
Command	echo \$ANT_HOME
Recommended Action ID	UP_REC_ENV_003
Recommended Action	Set the environment variable ORACLE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_004

Check if "PERL5LIB" exists in root profile

Table 111 UP_CHK_ENV_004 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_004
Command	echo \$PERL5LIB
Recommended Action ID	UP_REC_ENV_004
Recommended Action	Set the environment variable SCORE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_006

Check if "ORACLE_HOME" exists in root profile

Table 112 UP_CHK_ENV_006 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_006
Command	echo \$ORACLE_HOME

Table 112 UP_CHK_ENV_006 details

Name	Value/Description
Recommended Action ID	UP_REC_ENV_006
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_007

Check if "LD_LIBRARY_PATH" exists in root profile

Table 113 UP_CHK_ENV_007 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_007
Command	echo \$LD_LIBRARY_PATH
Recommended Action ID	UP_REC_ENV_007
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_008

Set the environment variable CBS_BATCH_INSTALLDIR in the "cbsuser" profile

Table 114 UP_CHK_ENV_008 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_008
Command	su - cbsuser -c 'bash -c "echo \$CBS_BATCH_INSTALLDIR"'
Recommended Action ID	UP_REC_ENV_008
Recommended Action	Set the environment variable CBS_BATCH_INSTALLDIR in the 'cbsuser' profile
Automation Status	Automated

Table 114 UP_CHK_ENV_008 details

Name	Value/Description
Release Date	8/18/09

UP_CHK_ENV_016

Check if "ANT" executable is defined on the PATH

Table 115 UP_CHK_ENV_016 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_016
Command	ant -version
Recommended Action ID	UP_REC_ENV_016
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_017

Check if "JAVA" executable is defined on the PATH

Table 116 UP_CHK_ENV_017 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_017
Command	java -help
Recommended Action ID	UP_REC_ENV_017
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_061

Check if the "localhost" entry is defined in "/etc/hosts" and is pingable

Table 117 UP_CHK_ENV_061 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_061
Command	ping localhost
Recommended Action ID	UP_REC_ENV_061
Recommended Action	Add the entry "localhost" to the "/etc/hosts" with a valid IP address and ensure that it is pingable.
Automation Status	Automated
Release Date	8/21/09

INSTALLATION

UP_CHK_INS_002

Check if "ProcessManager" Service has started

Table 118 UP_CHK_INS_002 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_002
Command	\$JBOSS_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD status grep "ProcessManagerService"
Recommended Action ID	UP_REC_INS_002
Recommended Action	Check the "wrapper.log" or "ProcessManagerService.log" in "\$JBOSS_HOME/log" for any errors
Automation Status	Automated
Release Date	8/18/09

PLATFORM

UP_CHK_PLF_002

Check if the filesystem that will contain JBOSS_HOME directory, has sufficient space for installation

Table 119 UP_CHK_PLF_002 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_002
Command	df -g <jboss_parent_directory> grep -v Filesystem awk '{print \$3}' tail -1
Recommended Action ID	UP_REC_PLF_002
Recommended Action	Free at least 1GB of memory space in the filesystem that will contain "JBOSS_HOME" directory
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_001

Check if NTP is running and correctly synced with the External Time Server

Table 120 UP_CHK_PLF_001 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_001
Command	ntpq -p Check the "delay" field in the row marked with * in the "remote" column. If the delay is "0", then machine time is in sync with the external server.
Recommended Action ID	UP_REC_PLF_001
Recommended Action	Start that the NTP service if it is not already running and ensure that it is synchronised with the external server.
Automation Status	Automated
Release Date	8/18/09

PMS

UP_CHK_PMS_005

Check if "process.start.disable" (corresponding to flag "enable_process_start") is set to false in \${jboss.home.dir}/conf/process.properties

Table 121 UP_CHK_PMS_005 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_005
Command	grep -w '^process.start.disable' \$JBOSS_HOME/conf/process.properties
Recommended Action ID	UP_REC_PMS_005
Recommended Action	This flag is set to "TRUE" when Unified Platform is installed. This is done so that the processes are started in a pre-defined order using Process Orchestration. To start processes manually, this flag needs to be set to "FALSE" (if using MSHELL using the command "enable_process_start") or it is done automatically through the GUI.
Automation Status	Automated
Release Date	9/15/09

PRE-REQUISITE

UP_CHK_REQ_001

Check if pre-requisite "Term::Size" Perl module is installed

Table 122 UP_CHK_REQ_001 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_001

Table 122 UP_CHK_REQ_001 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/Size.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/Size.pm" in the output
Recommended Action ID	UP_REC_REQ_001
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_002

Check if pre-requisite "Term::ReadLine::Gnu" Perl module is installed

Table 123 UP_CHK_REQ_002 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_002
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadLine/Gnu.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadLine/Gnu.pm" in the output
Recommended Action ID	UP_REC_REQ_002
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated

Table 123 UP_CHK_REQ_002 details

Name	Value/Description
Release Date	8/18/09

UP_CHK_REQ_003

Check if pre-requisite "Text::Shellwords" Perl module is installed

Table 124 UP_CHK_REQ_003 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_003
Command	<pre>Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\.pm\\\\\\\\z/ };no_chdir => 1 }, \\@INC' grep -w Text/Shellwords.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Text/Shellwords.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_003
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_004

Check if pre-requisite "Term::ReadKey" Perl module is installed

Table 125 UP_CHK_REQ_004 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_004

Table 125 UP_CHK_REQ_004 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadKey.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadKey.pm" in the output
Recommended Action ID	UP_REC_REQ_004
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_005

Check if pre-requisite "File::Remote" Perl module is installed

Table 126 UP_CHK_REQ_005 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_005
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w File/Remote.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "TFile/Remote.pm" in the output
Recommended Action ID	UP_REC_REQ_005
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated

Table 126 UP_CHK_REQ_005 details

Name	Value/Description
Release Date	8/18/09

UP_CHK_REQ_006

Check if pre-requisite "Tie::File" Perl module is installed

Table 127 UP_CHK_REQ_006 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_006
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\\$_ if /\\\.pm\\\\\\\\z/ };no_chdir => 1 }, \\\\.@INC' grep -w Tie/File.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Tie/File.pm" in the output
Recommended Action ID	UP_REC_REQ_006
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_007

Check if pre-requisite "readline" Perl module is installed

Table 128 UP_CHK_REQ_007 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_007
Command	rpm -qa grep -w \$rpm_name grep -v "readline"
Recommended Action ID	UP_REC_REQ_007

Table 128 UP_CHK_REQ_007 details

Name	Value/Description
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_008

Check if pre-requisite "readline-devel" Perl module is installed

Table 129 UP_CHK_REQ_008 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_008
Command	rpm -qa grep -w "readline-devel"
Recommended Action ID	UP_REC_REQ_008
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_009

Check if pre-requisite RPM "expect-5" is installed

Table 130 UP_CHK_REQ_009 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_009
Command	rpm -qa grep -w "expect-5"
Recommended Action ID	UP_REC_REQ_009
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_010

Check if pre-requisite RPM "tclsh" is installed

Table 131 UP_CHK_REQ_010 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_010
Command	rpm -qa grep -w "tclsh"
Recommended Action ID	UP_REC_REQ_010
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_011

Check if pre-requisite RPM "tcl" is installed

Table 132 UP_CHK_REQ_011 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_011
Command	rpm -qa grep -w "tcl"
Recommended Action ID	UP_REC_REQ_011
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

BILLING System Checks**UPA**

CLUSTER

UP_CHK_CLS_001

Check if the Cluster Services are correctly configured

Table 133 UP_CHK_CLS_001 details

Name	Value/Description
Application	UPA
Category	Cluster
Validation Check Identifier	UP_CHK_CLS_001
Command	cldump
Recommended Action ID	UP_REC_CLS_001
Recommended Action	Ensure that the Cluster services are correctly running.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_CLS_002

Check if the Cluster Resource Groups are ONLINE and correctly configured

Table 134 UP_CHK_CLS_002 details

Name	Value/Description
Application	UPA
Category	Cluster
Validation Check Identifier	UP_CHK_CLS_002
Command	clRGinfo -c Check if any one of resource groups "Database_RG","App_RG","FX_APP_RG" or "FX_DB_RG" is online
Recommended Action ID	UP_REC_CLS_002
Recommended Action	Ensure that at least one Cluster Resource Group is ONLINE.
Automation Status	Automated
Release Date	6/24/09

DATABASE

UP_CHK_DBS_001

Check if the Oracle Listener is up and running

Table 135 UP_CHK_DBS_001 details

Name	Value/Description
Application	UPA
Category	Database
Validation Check Identifier	UP_CHK_DBS_001
Command	Create a file by name "shellQuery" with permissions 755 and having the following contents: #!/bin/sh su - oracle8 -c "lsnrctl status;" Execute the file and check if the output indicates that the listener is up.
Recommended Action ID	UP_REC_DBS_001
Recommended Action	Check if the listeners are up using the following sequence of commands: su - oracle8 cd /oralce/oracle8/dba ./listener_start_stop status If the status is not running, then bring up the listeners using the following sequence of commands: su - oracle8 cd /oralce/oracle8/dba execute /listener_start_stop start all
Automation Status	Automated
Release Date	6/24/09

ENVIRONMENT**UP_CHK_ENV_001**

Check if "JBOSS_HOME" exists in root profile

Table 136 UP_CHK_ENV_001 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_001

Table 136 UP_CHK_ENV_001 details

Name	Value/Description
Command	echo \$JBOSS_HOME
Recommended Action ID	UP_REC_ENV_001
Recommended Action	Set the environment variable JBOSS_HOME in the "root" profile
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_002

Check if "JAVA_HOME" exists in root profile

Table 137 UP_CHK_ENV_002 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_002
Command	echo \$JAVA_HOME
Recommended Action ID	UP_REC_ENV_002
Recommended Action	Set the environment variable JAVA_HOME in the "root" profile
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_003

Check if "ANT_HOME" exists in root profile

Table 138 UP_CHK_ENV_003 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_003
Command	echo \$ANT_HOME
Recommended Action ID	UP_REC_ENV_003
Recommended Action	Set the environment variable ORACLE_HOME in the "root" profile
Automation Status	Automated

Table 138 UP_CHK_ENV_003 details

Name	Value/Description
Release Date	6/24/09

UP_CHK_ENV_004

Check if "PERL5LIB" exists in root profile

Table 139 UP_CHK_ENV_004 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_004
Command	echo \$PERL5LIB
Recommended Action ID	UP_REC_ENV_004
Recommended Action	Set the environment variable SCORE_HOME in the "root" profile
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_005

Check if "SCORE_HOME" exists in root profile

Table 140 UP_CHK_ENV_005 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_005
Command	echo \$SCORE_HOME
Recommended Action ID	UP_REC_ENV_005
Recommended Action	Set the environment variable ANT_HOME in the "root" profile
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_046

Check if variable "CLSTR_APP_RG" is set correctly

Table 141 UP_CHK_ENV_046 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_046
Command	echo \$CLSTR_APP_RG
Recommended Action ID	UP_REC_ENV_046
Recommended Action	Check whether the variable "CLSTR_APP_RG" is set in "root" profile. If not, then set "CLSTR_APP_RG=APP_RG" or "CLSTR_APP_RG=FX_APP_RG". (check "clRGinfo" command)
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_047

Check if variable "CLSTR_DB_RG" is set correctly

Table 142 UP_CHK_ENV_047 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_047
Command	echo \$CLSTR_DB_RG
Recommended Action ID	UP_REC_ENV_047
Recommended Action	Check whether the variable "CLSTR_DB_RG" is set in "root" profile. If not, then set "CLSTR_DB_RG=DATABASE_RG" or "CLSTR_DB_RG=FX_DB_RG" (check clRGinfo command)
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_016

Check if "ANT" executable is defined on the PATH

Table 143 UP_CHK_ENV_016 details

Name	Value/Description
Application	UPA

Table 143 UP_CHK_ENV_016 details

Name	Value/Description
Category	Environment
Validation Check Identifier	UP_CHK_ENV_016
Command	ant -version
Recommended Action ID	UP_REC_ENV_016
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_017

Check if "JAVA" executable is defined on the PATH

Table 144 UP_CHK_ENV_017 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_017
Command	java -help
Recommended Action ID	UP_REC_ENV_017
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_061

Check if the "localhost" entry is defined in "/etc/hosts" and is pingable

Table 145 UP_CHK_ENV_061 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_061
Command	ping localhost
Recommended Action ID	UP_REC_ENV_061

Table 145 UP_CHK_ENV_061 details

Name	Value/Description
Recommended Action	Add the entry "localhost" to the "/etc/hosts" with a valid IP address and ensure that it is pingable.
Automation Status	Automated
Release Date	8/21/09

UP_CHK_ENV_018

Check if the "secserv" entry is defined in "/etc/hosts" and is pingable

Table 146 UP_CHK_ENV_018 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_018
Command	ping secserv
Recommended Action ID	UP_REC_ENV_018
Recommended Action	Add the entry "secserv" to file "/etc/hosts" with a valid IP address and ensure that it is pingable.
Automation Status	Automated
Release Date	6/30/09

UP_CHK_ENV_062

Check if /staging/billing/bin directory exists (i.e. check if the Billing package is installed)

Table 147 UP_CHK_ENV_062 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_062
Command	ls -l /staging/billing/ grep -w "bin"
Recommended Action ID	UP_REC_ENV_062
Recommended Action	Install the Billing package
Automation Status	Automated
Release Date	8/28/09

UP_CHK_ENV_022

Check if "/staging/billing/envSetting.env" file is present

Table 148 UP_CHK_ENV_022 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_022
Command	Check is any one of these files is present (in the same order): 1) ls -l /staging/billing/envSetting.env 2) ls -l /staging/billing/envSetting.env.tcsh 3) ls -l /staging/billing/envSetting.env.ksh
Recommended Action ID	UP_REC_ENV_022
Recommended Action	Check if the billing package is installed. Then check if the required ENV file is available in "/staging/billing" directory. The ENV file can be "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh".
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_023

Check if "cbsuser" is the owner of "/staging/billing/envSetting.env" file or not

Table 149 UP_CHK_ENV_023 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_023
Command	ls -ltr /staging/ grep -w billing awk '{print \$3}'
Recommended Action ID	UP_REC_ENV_023
Recommended Action	Check if the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh" is installed with "cbsuser" as the owner.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_060

Check if the specified ".profile" file has any errors or echo statements

Table 150 UP_CHK_ENV_060 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_060
Command	su - <user> -c ""
Recommended Action ID	UP_REC_ENV_060
Recommended Action	If the check is on UPM/Billing/SDP, then the user profile to check is "cbsuser"; else if the check is on Offrater, then the user profile to check is "sncpuser". Check if the user's .profile file has any errors/echo statements/clear statements. If yes, then comment them and check again.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_024

Check if "/staging/billing/envSetting.env" file can be sourced properly using "cbsuser"

Table 151 UP_CHK_ENV_024 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_024
Command	su - \$envOwner -c 'ksh -c ". \$envFile"
Recommended Action ID	UP_REC_ENV_024
Recommended Action	Ensure that the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh" can be sourced correctly without any errors or any output messages.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_021

Check if "/staging/billing" directory is installed with "cbsuser"

Table 152 UP_CHK_ENV_021 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_021
Command	ls -ltr /staging/ grep -w billing awk '{print \$3}'
Recommended Action ID	UP_REC_ENV_021
Recommended Action	Install the "/staging/billing" directory with the owner as "cbsuser"
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_025

Check if variable "ARBOR_CATALOG_DATABASE" is set in "/staging/billing/envSetting.env"

Table 153 UP_CHK_ENV_025 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_025
Command	su - cbsuser -c 'ksh -c ". /staging/billing/envSetting.env;echo \$ARBOR_CATALOG_DATABASE"'
Recommended Action ID	UP_REC_ENV_025
Recommended Action	Set the variable "ARBOR_CATALOG_DATABASE" with a valid and non-null value in the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh"
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_026

Check if variable "ARBORDBU" is set in "/staging/billing/envSetting.env"

Table 154 UP_CHK_ENV_026 details

Name	Value/Description
Application	UPA
Category	Environment

Table 154 UP_CHK_ENV_026 details

Name	Value/Description
Validation Check Identifier	UP_CHK_ENV_026
Command	su - cbsuser -c 'ksh -c ". /staging/billing/envSetting.env;echo \$ARBORDBU"'
Recommended Action ID	UP_REC_ENV_026
Recommended Action	Set the variable "ARBORDBU" with a valid and non-null value in the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh"
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_027

Check if variable "ARBORDIR" is set in "/staging/billing/envSetting.env"

Table 155 UP_CHK_ENV_027 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_027
Command	su - cbsuser -c 'ksh -c ". /staging/billing/envSetting.env;echo \$ARBORDIR"'
Recommended Action ID	UP_REC_ENV_027
Recommended Action	Set the variable "ARBORDIR" with a valid and non-null value in the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh"
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_029

Check if variable "OAM_ENV_CONN_MA" is set to "TRUE" in "/staging/billing/envSetting.env"

Table 156 UP_CHK_ENV_029 details

Name	Value/Description
Application	UPA
Category	Environment

Table 156 UP_CHK_ENV_029 details

Name	Value/Description
Validation Check Identifier	UP_CHK_ENV_029
Command	su - cbsuser -c 'ksh -c "/staging/billing/envSetting.env;echo \$OAM_ENV_CONN_MA "'
Recommended Action ID	UP_REC_ENV_029
Recommended Action	Set the variable "OAM_ENV_CONN_MA" with value as "TRUE" in the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh"
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_030

Check if variable "ISM_AGENT" is set to "22021" in "/staging/billing/envSetting.env"

Table 157 UP_CHK_ENV_030 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_030
Command	su - cbsuser -c 'ksh -c "/staging/billing/envSetting.env;echo \$ISM_AGENT"'
Recommended Action ID	UP_REC_ENV_030
Recommended Action	Set the variable "ISM_AGENT" with a value as "22021" in the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh"
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_031

Check if variable "ISM_AGENT_JAVA" is set to "22022" in "/staging/billing/envSetting.env"

Table 158 UP_CHK_ENV_031 details

Name	Value/Description
Application	UPA
Category	Environment

Table 158 UP_CHK_ENV_031 details

Name	Value/Description
Validation Check Identifier	UP_CHK_ENV_031
Command	su - cbsuser -c 'ksh -c ". /staging/billing/envSetting.env;echo \$ISM_AGENT_JAVA"'
Recommended Action ID	UP_REC_ENV_031
Recommended Action	Set the variable "ISM_AGENT_JAVA" with a value as "22022" in the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh"
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_064

Check if the "ARBOR_CATALOG_DATABASE" database instance is up and running

Table 159 UP_CHK_ENV_064 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_064
Command	Create a file by name "shellQuery" with permissions 755 and having the following contents: #!/bin/sh su - oracle8 -c "tnsping <ARBOR_CATALOG_DATABASE_INSTANCE_NAME>"; Execute the file and check if the output indicates that the listener is up.
Recommended Action ID	UP_REC_ENV_064
Recommended Action	Check for the database instance entry in "tnsnames.ora file". If not present, then add the same to it.
Automation Status	Automated
Release Date	9/15/09

UP_CHK_ENV_040

Check if the server ids can be retrieved from the "ARBOR_CATALOG_DATABASE" database instance

Table 160 UP_CHK_ENV_040 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_040
Command	Create a file by name "shellQuery" with permissions 755 and having the following contents: #!/bin/sh su - oracle8 -c "sqlplus -s cbs_owner/comverse@\$ARBOR_CATALOG_DATABASE <<EOSQL select DS_DATABASE, SERVER_ID from SERVER_DEFINITION;" (where, \$ARBOR_CATALOG_DATABASE contains the value of the Catalog database) Execute the file and check if the you get a list of server ids as the output
Recommended Action ID	UP_REC_ENV_040
Recommended Action	Set the catalog variable - "ARBOR_CATALOG_DATABASE" for Manager, Billing & SDP in the "/staging/billing/envSetting.env" file. In case of Offrater, set the catalog variable "\$ARBOR_ADMIN_DB_INST" in the "/home/sncpuser/omnisetup.sh" file.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_041

Check if the each server id of the catalog database instance is pingable

Table 161 UP_CHK_ENV_041 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_041
Command	Create a file by name "shellQuery" with permissions 755 and having the following contents: #!/bin/sh su - oracle8 -c "tnsping <server_id>" Execute the file and check if the you get a success message
Recommended Action ID	UP_REC_ENV_041
Recommended Action	Check if entries for each of the Server IDs (i.e.catalog database instances) is present in the "tnsnames.ora" file, so that they can be connected to. If any of the Server IDs are not required then it can be ignored.
Automation Status	Automated

Table 161 UP_CHK_ENV_041 details

Name	Value/Description
Release Date	6/24/09

UP_CHK_ENV_042

Check if the each server id of the catalog database instance can be connected to using "cbs_owner"

Table 162 UP_CHK_ENV_042 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_042
Command	Create a file by name "shellQuery" with permissions 755 and having the following contents: #!/bin/sh su - oracle8 -c "sqlplus cbs_owner/comverse@<server_id>" Execute the file and check if the you get a success message
Recommended Action ID	UP_REC_ENV_042
Recommended Action	Check if the Server IDs can be connected using user set in ARBORDBU variable in env file. Generally the user name is "cbs_owner". In case some of the Server IDs are not required then it can be ignored.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_043

Check if the deployment mode value is set

Table 163 UP_CHK_ENV_043 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_043
Command	grep deployment.mode \$JBOSS_HOME/conf/wrapper.conf
Recommended Action ID	UP_REC_ENV_043
Recommended Action	Check if "deployment.mode" variable is set to a valid value in the "JBOSS_HOME/conf/wrapper.conf" file.
Automation Status	Automated

Table 163 UP_CHK_ENV_043 details

Name	Value/Description
Release Date	6/24/09

UP_CHK_ENV_044

Check if "clu_rg_info.pl" file exists

Table 164 UP_CHK_ENV_044 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_044
Command	ls -l \$SCORE_HOME/tools/clu_rg_info.pl grep -w "clu_rg_info.pl"
Recommended Action ID	UP_REC_ENV_044
Recommended Action	Check if the "clu_rg_info.pl" file exists at the location "\$SCORE_HOME/tools/" with execute permissions for all users. If the file does not exist then check the NGSCORE version. This file is available with ngscore version 2.2. The command to check the present NGSCORE version is "cat /etc/BaseOS_version"
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_045

Check if "APP_RG" is configured

Table 165 UP_CHK_ENV_045 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_045
Command	cIRGinfo From the output, check for "App_RG" or "FX_APP_RG"
Recommended Action ID	UP_REC_ENV_045
Recommended Action	Check if "APP_RG" or "FX_APP_RG" is present in the output of "cIRGinfo" command.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_059

Check if "Database_RG" is configured

Table 166 UP_CHK_ENV_059 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_059
Command	cIRGinfo From the output, check for "Database_RG" or "FX_DB_RG"
Recommended Action ID	UP_REC_ENV_059
Recommended Action	Check if "DATABASE_RG" or "FX_DB_RG" is present in the output of "cIRGinfo" command.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_048

Check if variable "serverdef.instance.name" is set in \${jboss.home.dir}/conf/application.properties

Table 167 UP_CHK_ENV_048 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_048
Command	grep -w serverdef.instance.name \$JBOSS_HOME/conf/application.properties
Recommended Action ID	UP_REC_ENV_048
Recommended Action	Set the variable "\$ARBOR_CATALOG_DATABASE" in the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh". Once done, execute the script "refreshEnvironment.pl" present in the location "\$JBOSS_HOME/bin". It takes about 5 minutes to set the property in UP environment
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_049

Check if variable "database.instance.user" is set in \${jboss.home.dir}/conf/application.properties

Table 168 UP_CHK_ENV_049 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_049
Command	grep -w database.instance.user \$JBOSS_HOME/conf/application.properties
Recommended Action ID	UP_REC_ENV_049
Recommended Action	Set the variable "\$ARBORDBU" in the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh". Once done, execute the script "refreshEnvironment.pl" present in the location "\$JBOSS_HOME/bin". It takes about 5 minutes to set the property in UP environment
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_050

Check if variable "billing.batch.env.file" is set in \${jboss.home.dir}/conf/application.properties

Table 169 UP_CHK_ENV_050 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_050
Command	grep -w billing.batch.env.file \$JBOSS_HOME/conf/application.properties
Recommended Action ID	UP_REC_ENV_050
Recommended Action	Check if ENV file exists in "/staging/billing/" directory. If not present, then add the ENV file and execute the script "refreshEnvironment.pl" present in the location "\$JBOSS_HOME/bin".
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_051

Check if variable "billing.envfile.owner" is set in \${jboss.home.dir}/conf/application.properties

Table 170 UP_CHK_ENV_051 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_051
Command	grep -w billing.envfile.owner \$JBOSS_HOME/conf/application.properties
Recommended Action ID	UP_REC_ENV_051
Recommended Action	Check if env file exists in "/staging/billing/" directory. If not present add the ENV file and execute the script "refreshEnvironment.pl" present in the location "\$JBOSS_HOME/bin".
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_052

Check if variable "oracle.net.tns_admin" is set in \${jboss.home.dir}/conf/application.properties

Table 171 UP_CHK_ENV_052 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_052
Command	grep -w oracle.net.tns_admin \$JBOSS_HOME/conf/application.properties
Recommended Action ID	UP_REC_ENV_052
Recommended Action	Execute the script "refreshEnvironment.pl" present in the location "\$JBOSS_HOME/bin"
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_053

Check if variable "env.shell" is set in \${jboss.home.dir}/conf/application.properties

Table 172 UP_CHK_ENV_053 details

Name	Value/Description
Application	UPA
Category	Environment

Table 172 UP_CHK_ENV_053 details

Name	Value/Description
Validation Check Identifier	UP_CHK_ENV_053
Command	grep -w env.shell \$JBOSS_HOME/conf/application.properties
Recommended Action ID	UP_REC_ENV_053
Recommended Action	Check if ENV file exists in "/staging/billing/" directory. If not present, then add the ENV file and execute the script "refreshEnvironment.pl" present in the location "\$JBOSS_HOME/bin"
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_058

Check if variable "clstr.app.rg" is set in \${jboss.home.dir}/conf/application.properties

Table 173 UP_CHK_ENV_058 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_058
Command	grep -w clstr.app.rg \$JBOSS_HOME/conf/application.properties
Recommended Action ID	UP_REC_ENV_058
Recommended Action	Set the variable "clstr.app.rg" in file "\$JBOSS_HOME/conf/application.properties". It should have the value of "CLSTR_APP_RG" set in "root" profile.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_057

Check if variable "clstr.db.rg" is set in \${jboss.home.dir}/conf/application.properties

Table 174 UP_CHK_ENV_057 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_057
Command	grep -w clstr.db.rg \$JBOSS_HOME/conf/application.properties

Table 174 UP_CHK_ENV_057 details

Name	Value/Description
Recommended Action ID	UP_REC_ENV_057
Recommended Action	Set the variable "clstr.db.rg" in "\$JBOSS_HOME/conf/application.properties". It should have the value of "CLSTR_DB_RG" set in "root" profile
Automation Status	Automated
Release Date	6/24/09

INSTALLATION

UP_CHK_INS_001

Check if \$JBOSS_HOME/process directory is present

Table 175 UP_CHK_INS_001 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_001
Command	ls -l \$JBOSS_HOME grep -w "process"
Recommended Action ID	UP_REC_INS_001
Recommended Action	Check if the process component package is installed. Check if the directory "\$JBOSS_HOME/process" exists with process files in it.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_INS_005

Check if \${jboss.home.dir}/process/instrumented directory contains process CFGs

Table 176 UP_CHK_INS_005 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_005

Table 176 UP_CHK_INS_005 details

Name	Value/Description
Command	ls -l \$JBOSS_HOME/process/instrumented/*.icfg wc -l
Recommended Action ID	UP_REC_INS_005
Recommended Action	Check if there exists .icfg files in the \$JBOSS_HOME/process/instrumented directory
Automation Status	Automated
Release Date	8/18/09

UP_CHK_INS_002

Check if "ProcessManager" Service has started

Table 177 UP_CHK_INS_002 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_002
Command	\$JBOSS_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD status grep "ProcessManagerService"
Recommended Action ID	UP_REC_INS_002
Recommended Action	Check the "wrapper.log" or "ProcessManagerService.log" in "\$JBOSS_HOME/log" for any errors
Automation Status	Automated
Release Date	6/24/09

UP_CHK_INS_003

Check if "ProcessHandler" Service has started

Table 178 UP_CHK_INS_003 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_003
Command	\$JBOSS_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD status grep "ProcessHandlerService"

Table 178 UP_CHK_INS_003 details

Name	Value/Description
Recommended Action ID	UP_REC_INS_003
Recommended Action	Check the "wrapper.log" or "ProcessHandlerService.log" in "\$JBOSS_HOME/log" for any errors
Automation Status	Automated
Release Date	6/24/09

NETWORK

UP_CHK_NET_005

Check if RSH can connect from LOCAL to LOCAL node without being prompted for a password

Table 179 UP_CHK_NET_005 details

Name	Value/Description
Application	UPA
Category	Network
Validation Check Identifier	UP_CHK_NET_005
Command	rsh <hostname>
Recommended Action ID	UP_REC_NET_005
Recommended Action	<p>Add the entry for the LOCAL node in the LOCAL \$HOME/.rhosts file. This file allows you to execute commands on remote nodes without being prompted for a password. The permissions on this file usually must be 0644 ([rw-r--]). It must exist in your home directory on every node that you need to use rsh with. Each line in the .rhosts file indicates a machine and user that programs may be launched from. For example, if the user abcd wishes to launch programs from the machine abcdmachine to the machines alpha, beta, and gamma, there must be a .rhosts file on each of the three remote machines ([alpha], beta, and gamma) with at least the following line in it: abcdmachine abcd</p> <p>The first field indicates the name of the machine where jobs may originate from; the second field indicates the user ID who may originate jobs from that machine</p>
Automation Status	Automated
Release Date	6/30/09

UP_CHK_NET_006

Check if RSH can connect from PEER to LOCAL node through the cross-link without being prompted for a password

Table 180 UP_CHK_NET_006 details

Name	Value/Description
Application	UPA
Category	Network
Validation Check Identifier	UP_CHK_NET_006
Command	rsh <peer_cross> rsh <hostname>
Recommended Action ID	UP_REC_NET_006
Recommended Action	<p>Add the entry for the PEER node in the LOCAL \$HOME/.rhosts file. This file allows you to execute commands on remote nodes without being prompted for a password. The permissions on this file usually must be 0644 ([rw-r--r--]). It must exist in your home directory on every node that you need to use rsh with. Each line in the .rhosts file indicates a machine and user that programs may be launched from. For example, if the user abcd wishes to launch programs from the machine abcdmachine to the machines alpha, beta, and gamma, there must be a .rhosts file on each of the three remote machines ([alpha], beta, and gamma) with at least the following line in it:</p> <pre>abcdmachine abcd</pre> <p>The first field indicates the name of the machine where jobs may originate from; the second field indicates the user ID who may originate jobs from that machine</p>
Automation Status	Automated
Release Date	6/30/09

UP_CHK_NET_007

Check if RSH can connect from LOCAL to PEER node through the cross-link without being prompted for a password

Table 181 UP_CHK_NET_007 details

Name	Value/Description
Application	UPA
Category	Network
Validation Check Identifier	UP_CHK_NET_007
Command	rsh <peer_cross>
Recommended Action ID	UP_REC_NET_007

Table 181 UP_CHK_NET_007 details

Name	Value/Description
Recommended Action	<p>Add the entry for the LOCAL node in the REMOTE \$HOME/.rhosts file. This file allows you to execute commands on remote nodes without being prompted for a password. The permissions on this file usually must be 0644 ([rw-r--r--]). It must exist in your home directory on every node that you need to use rsh with. Each line in the .rhosts file indicates a machine and user that programs may be launched from. For example, if the user abcd wishes to launch programs from the machine abcdmachine to the machines alpha, beta, and gamma, there must be a .rhosts file on each of the three remote machines ([alpha], beta, and gamma) with at least the following line in it: abcdmachine abcd</p> <p>The first field indicates the name of the machine where jobs may originate from; the second field indicates the user ID who may originate jobs from that machine</p>
Automation Status	Automated
Release Date	6/30/09

UP_CHK_NET_008

Check if RSH can connect from PEER to PEER node without being prompted for a password

Table 182 UP_CHK_NET_008 details

Name	Value/Description
Application	UPA
Category	Network
Validation Check Identifier	UP_CHK_NET_008
Command	rsh <peer_cross> rsh <peer>
Recommended Action ID	UP_REC_NET_008
Recommended Action	<p>Add the entry for the PEER node in the REMOTE \$HOME/.rhosts file. This file allows you to execute commands on remote nodes without being prompted for a password. The permissions on this file usually must be 0644 ([rw-r--r--]). It must exist in your home directory on every node that you need to use rsh with. Each line in the .rhosts file indicates a machine and user that programs may be launched from. For example, if the user abcd wishes to launch programs from the machine abcdmachine to the machines alpha, beta, and gamma, there must be a .rhosts file on each of the three remote machines ([alpha], beta, and gamma) with at least the following line in it: abcdmachine abcd</p> <p>The first field indicates the name of the machine where jobs may originate from; the second field indicates the user ID who may originate jobs from that machine</p>
Automation Status	Automated
Release Date	6/30/09

PLATFORM

UP_CHK_PLF_002

Check if the filesystem that will contain JBOSS_HOME directory, has sufficient space for installation

Table 183 UP_CHK_PLF_002 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_002
Command	df -g <jboss_parent_directory> grep -v Filesystem awk '{print \$3}' tail -1
Recommended Action ID	UP_REC_PLF_002
Recommended Action	Free at least 1GB of memory space in the filesystem that will contain "JBOSS_HOME" directory
Automation Status	Automated
Release Date	6/24/09

UP_CHK_PLF_001

Check if NTP is running and correctly synced with the External Time Server

Table 184 UP_CHK_PLF_001 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_001
Command	ntpq -p Check the "delay" field in the row marked with * in the "remote" column. If the delay is "0", then machine time is in sync with the external server.
Recommended Action ID	UP_REC_PLF_001
Recommended Action	Start that the NTP service if it is not already running and ensure that it is synchronised with the external server.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_PLF_004

Check if the total memory in both the nodes is equal

Table 185 UP_CHK_PLF_004 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_004
Command	free grep Mem awk '{print \$2}'
Recommended Action ID	UP_REC_PLF_004
Recommended Action	Ensure that the host and peer nodes have the same amount of total memory.
Automation Status	Automated
Release Date	6/24/09

PMS

UP_CHK_PMS_001

Check if the supported process types are loaded

Table 186 UP_CHK_PMS_001 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_001
Command	\$JBOSS_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD list_process_types
Recommended Action ID	UP_REC_PMS_001
Recommended Action	Check "\$JBOSS/process/instrumented/" directory. There should be ".icfg" files present. If they are present, then execute from mshell the command "list_process_types". If it does not show any process then check "ProcessHandlerService" in "\$JBOSS_HOME/log/" directory for any errors.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_PMS_006

Check if the "onlineDB_RG_ServerId" script returns the server id

Table 187 UP_CHK_PMS_006 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_006
Command	sh \$JBOSS_HOME/bin/onlineDB_RG_ServerId
Recommended Action ID	UP_REC_PMS_006
Recommended Action	Check the scripts for errors (OR) ensure that the script connects to a valid database instance, if it is UNKNOWN (OR) ensure that the local server id can be retrieved from the database instance
Automation Status	Automated
Release Date	9/23/09

UP_CHK_PMS_002

Check if the server id is set

Table 188 UP_CHK_PMS_002 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_002
Command	\$JBOSS_HOME_DIR/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD list_process_types -bp <process_name> grep server_id
Recommended Action ID	UP_REC_PMS_002

Table 188 UP_CHK_PMS_002 details

Name	Value/Description
Recommended Action	<p>Ensure the following:</p> <p>Step 1 : Check if the "ARBOR_CATALOG_DATABASE" and "ARBORDBU" values are set correctly in ENV file. Try connecting to "ARBOR_CATALOG_DATABASE" using "ARBORDBU" using "sqlplus". Check the "SERVER_DEFINITION" table to see if there are Server IDs available.</p> <p>Step 2 : If Step 1 is OK, then check the values of "serverdef.instance.name" and "database.instance.user" in "\$JBOSS_HOME/conf/application.properties" file. It should be same as the values in Step 1. If not then execute "\$JBOSS_HOME/bin/refreshEnvironment.pl".</p> <p>Step 3: If Step 1 and Step 2 are OK, then check the command after 5 minutes. Otherwise check "\$JBOSS_HOME/log/ProcessHandlerService.log" for any errors reported.</p>
Automation Status	Automated
Release Date	6/24/09

UP_CHK_PMS_003

Check if each continuous process has the default value set for the SERVER_ID

Table 189 UP_CHK_PMS_003 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_003
Command	\$JBOSS_HOME_DIR/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD list_process_types -bp <process_name> grep server_id
Recommended Action ID	UP_REC_PMS_003
Recommended Action	Follow the required procedure as described in the 3.0/3.1 UP RDD to set the default Server ids on UPM for each supported process type.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_PMS_004

Check if Unified Platform is able to start processes

Table 190 UP_CHK_PMS_004 details

Name	Value/Description
Application	UPA

Table 190 UP_CHK_PMS_004 details

Name	Value/Description
Category	PMS
Validation Check Identifier	UP_CHK_PMS_004
Command	No command is available. This is a manual check
Recommended Action ID	UP_REC_PMS_004
Recommended Action	<p>(a) Check if Unified Platform is able to start a process. This can be done by executing the MSHELL command "list_processes". If the process status is "NOEXEC", then check if an alarm is seen for the process using the MSHELL command "list_active_events".</p> <p>(b) If an alarm exists, then check for any errors reported in process log present in /staging/billing/data/log. Try fixing the issue.</p> <p>(c) If the error is due to password retrieval from security server, then check if the credentials are available in the security server on UPM (by executing the MSHELL command "list_credential" on UPM). If the entry is unavailable, add the credential entry using MSHELL command "store_credential".</p> <p>(d) If the error indicates that a previous process entry exists in the "PROCESS_STATUS", then check if the entry for the process already exists in "PROCESS_STATUS" table of the Server ID (DB instance). If it does, then remove it (as it is due to a previous crashed process). Try starting the process.</p> <p>(e) After fixing, try starting the process from outside Unified Platform. If the process starts successfully, then try starting from Unified Platform.</p>
Automation Status	Automated
Release Date	9/15/09

UP_CHK_PMS_005

Check if "process.start.disable" (corresponding to flag "enable_process_start") is set to false in \${jboss.home.dir}/conf/process.properties

Table 191 UP_CHK_PMS_005 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_005
Command	grep -w '^process.start.disable' \$JBOSS_HOME/conf/process.properties
Recommended Action ID	UP_REC_PMS_005

Table 191 UP_CHK_PMS_005 details

Name	Value/Description
Recommended Action	This flag is set to "TRUE" when Unified Platform is installed. This is done so that the processes are started in a pre-defined order using Process Orchestration. To start processes manually, this flag needs to be set to "FALSE" (if using MSHELL using the command "enable_process_start") or it is done automatically through the GUI.
Automation Status	Automated
Release Date	9/15/09

PRE-REQUISITE

UP_CHK_REQ_001

Check if pre-requisite "Term::Size" Perl module is installed

Table 192 UP_CHK_REQ_001 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_001
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: <pre>#!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/Size.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look for the Perl module "Term/Size.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_001
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_REQ_002

Check if pre-requisite "Term::ReadLine::Gnu" Perl module is installed

Table 193 UP_CHK_REQ_002 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_002
Command	<p>Create a file by name "perlQuery" with permissions 755 and having the following contents:</p> <pre>#!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\.pm\\\$/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadLine/Gnu.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadLine/Gnu.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_002
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_REQ_003

Check if pre-requisite "Text::Shellwords" Perl module is installed

Table 194 UP_CHK_REQ_003 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_003

Table 194 UP_CHK_REQ_003 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Text/Shellwords.pm`; chomp(\\\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Text/Shellwords.pm" in the output
Recommended Action ID	UP_REC_REQ_003
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_REQ_004

Check if pre-requisite "Term::ReadKey" Perl module is installed

Table 195 UP_CHK_REQ_004 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_004
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadKey.pm`; chomp(\\\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadKey.pm" in the output
Recommended Action ID	UP_REC_REQ_004
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated

Table 195 UP_CHK_REQ_004 details

Name	Value/Description
Release Date	6/24/09

UP_CHK_REQ_005

Check if pre-requisite "File::Remote" Perl module is installed

Table 196 UP_CHK_REQ_005 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_005
Command	<pre>Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\\$_ if /\\\\.pm\\\\\\\\z/ };no_chdir => 1 }, \\\@INC' grep -w File/Remote.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "TFile/Remote.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_005
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_REQ_006

Check if pre-requisite "Tie::File" Perl module is installed

Table 197 UP_CHK_REQ_006 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_006

Table 197 UP_CHK_REQ_006 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$ _ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Tie/File.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Tie/File.pm" in the output
Recommended Action ID	UP_REC_REQ_006
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_REQ_007

Check if pre-requisite "readline" Perl module is installed

Table 198 UP_CHK_REQ_007 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_007
Command	rpm -qa grep -w \$rpm_name grep -v "readline"
Recommended Action ID	UP_REC_REQ_007
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_REQ_008

Check if pre-requisite "readline-devel" Perl module is installed

Table 199 UP_CHK_REQ_008 details

Name	Value/Description
Application	UPA

Table 199 UP_CHK_REQ_008 details

Name	Value/Description
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_008
Command	rpm -qa grep -w "readline-devel"
Recommended Action ID	UP_REC_REQ_008
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_REQ_009

Check if pre-requisite RPM "expect-5" is installed

Table 200 UP_CHK_REQ_009 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_009
Command	rpm -qa grep -w "expect-5"
Recommended Action ID	UP_REC_REQ_009
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_REQ_010

Check if pre-requisite RPM "tcsh" is installed

Table 201 UP_CHK_REQ_010 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_010
Command	rpm -qa grep -w "tcsh"
Recommended Action ID	UP_REC_REQ_010

Table 201 UP_CHK_REQ_010 details

Name	Value/Description
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_REQ_011

Check if pre-requisite RPM "tcl" is installed

Table 202 UP_CHK_REQ_011 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_011
Command	rpm -qa grep -w "tcl"
Recommended Action ID	UP_REC_REQ_011
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_REQ_012

Check if pre-requisite RPM "tk" is installed

Table 203 UP_CHK_REQ_012 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_012
Command	rpm -qa grep -w "tk"
Recommended Action ID	UP_REC_REQ_012
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	6/24/09

DGU System Checks

UPA

ENVIRONMENT

UP_CHK_ENV_001

Check if "JBOSS_HOME" exists in root profile

Table 204 UP_CHK_ENV_001 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_001
Command	echo \$JBOSS_HOME
Recommended Action ID	UP_REC_ENV_001
Recommended Action	Set the environment variable JBOSS_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_002

Check if "JAVA_HOME" exists in root profile

Table 205 UP_CHK_ENV_002 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_002
Command	echo \$JAVA_HOME
Recommended Action ID	UP_REC_ENV_002
Recommended Action	Set the environment variable JAVA_HOME in the "root" profile

Table 205 UP_CHK_ENV_002 details

Name	Value/Description
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_003

Check if "ANT_HOME" exists in root profile

Table 206 UP_CHK_ENV_003 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_003
Command	echo \$ANT_HOME
Recommended Action ID	UP_REC_ENV_003
Recommended Action	Set the environment variable ORACLE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_004

Check if "PERL5LIB" exists in root profile

Table 207 UP_CHK_ENV_004 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_004
Command	echo \$PERL5LIB
Recommended Action ID	UP_REC_ENV_004
Recommended Action	Set the environment variable SCORE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_006

Check if "ORACLE_HOME" exists in root profile

Table 208 UP_CHK_ENV_006 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_006
Command	echo \$ORACLE_HOME
Recommended Action ID	UP_REC_ENV_006
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_007

Check if "LD_LIBRARY_PATH" exists in root profile

Table 209 UP_CHK_ENV_007 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_007
Command	echo \$LD_LIBRARY_PATH
Recommended Action ID	UP_REC_ENV_007
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_016

Check if "ANT" executable is defined on the PATH

Table 210 UP_CHK_ENV_016 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_016
Command	ant -version

Table 210 UP_CHK_ENV_016 details

Name	Value/Description
Recommended Action ID	UP_REC_ENV_016
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_017

Check if "JAVA" executable is defined on the PATH

Table 211 UP_CHK_ENV_017 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_017
Command	java -help
Recommended Action ID	UP_REC_ENV_017
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_061

Check if the "localhost" entry is defined in "/etc/hosts" and is pingable

Table 212 UP_CHK_ENV_061 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_061
Command	ping localhost
Recommended Action ID	UP_REC_ENV_061
Recommended Action	Add the entry "localhost" to the "/etc/hosts" with a valid IP address and ensure that it is pingable.
Automation Status	Automated
Release Date	8/21/09

INSTALLATION

UP_CHK_INS_001

Check if \$JBOSS_HOME/process directory is present

Table 213 UP_CHK_INS_001 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_001
Command	ls -l \$JBOSS_HOME grep -w "process"
Recommended Action ID	UP_REC_INS_001
Recommended Action	Check if the process component package is installed. Check if the directory "\$JBOSS_HOME/process" exists with process files in it.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_INS_002

Check if "ProcessManager" Service has started

Table 214 UP_CHK_INS_002 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_002
Command	\$JBOSS_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD status grep "ProcessManagerService"
Recommended Action ID	UP_REC_INS_002
Recommended Action	Check the "wrapper.log" or "ProcessManagerService.log" in "\$JBOSS_HOME/log" for any errors
Automation Status	Automated
Release Date	8/18/09

PLATFORM

UP_CHK_PLF_002

Check if the filesystem that will contain JBOSS_HOME directory, has sufficient space for installation

Table 215 UP_CHK_PLF_002 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_002
Command	df -g <jboss_parent_directory> grep -v Filesystem awk '{print \$3}' tail -1
Recommended Action ID	UP_REC_PLF_002
Recommended Action	Free at least 1GB of memory space in the filesystem that will contain "JBOSS_HOME" directory
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_001

Check if NTP is running and correctly synced with the External Time Server

Table 216 UP_CHK_PLF_001 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_001
Command	ntpq -p Check the "delay" field in the row marked with * in the "remote" column. If the delay is "0", then machine time is in sync with the external server.
Recommended Action ID	UP_REC_PLF_001
Recommended Action	Start that the NTP service if it is not already running and ensure that it is synchronised with the external server.
Automation Status	Automated
Release Date	8/18/09

PMS

UP_CHK_PMS_005

Check if "process.start.disable" (corresponding to flag "enable_process_start") is set to false in \${jboss.home.dir}/conf/process.properties

Table 217 UP_CHK_PMS_005 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_005
Command	grep -w '^process.start.disable' \$JBOSS_HOME/conf/process.properties
Recommended Action ID	UP_REC_PMS_005
Recommended Action	This flag is set to "TRUE" when Unified Platform is installed. This is done so that the processes are started in a pre-defined order using Process Orchestration. To start processes manually, this flag needs to be set to "FALSE" (if using MSHELL using the command "enable_process_start") or it is done automatically is done through the GUI.
Automation Status	Automated
Release Date	9/15/09

PRE-REQUISITE

UP_CHK_REQ_001

Check if pre-requisite "Term::Size" Perl module is installed

Table 218 UP_CHK_REQ_001 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_001

Table 218 UP_CHK_REQ_001 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/Size.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/Size.pm" in the output
Recommended Action ID	UP_REC_REQ_001
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_002

Check if pre-requisite "Term::ReadLine::Gnu" Perl module is installed

Table 219 UP_CHK_REQ_002 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_002
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadLine/Gnu.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadLine/Gnu.pm" in the output
Recommended Action ID	UP_REC_REQ_002
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated

Table 219 UP_CHK_REQ_002 details

Name	Value/Description
Release Date	8/18/09

UP_CHK_REQ_003

Check if pre-requisite "Text::Shellwords" Perl module is installed

Table 220 UP_CHK_REQ_003 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_003
Command	<pre>Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\.pm\\\\\\\\z/ };no_chdir => 1 }, \\@INC' grep -w Text/Shellwords.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Text/Shellwords.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_003
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_004

Check if pre-requisite "Term::ReadKey" Perl module is installed

Table 221 UP_CHK_REQ_004 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_004

Table 221 UP_CHK_REQ_004 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadKey.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadKey.pm" in the output
Recommended Action ID	UP_REC_REQ_004
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_005

Check if pre-requisite "File::Remote" Perl module is installed

Table 222 UP_CHK_REQ_005 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_005
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w File/Remote.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "TFile/Remote.pm" in the output
Recommended Action ID	UP_REC_REQ_005
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated

Table 222 UP_CHK_REQ_005 details

Name	Value/Description
Release Date	8/18/09

UP_CHK_REQ_006

Check if pre-requisite "Tie::File" Perl module is installed

Table 223 UP_CHK_REQ_006 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_006
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\\$_ if /\\\.pm\\\\\\\\z/ };no_chdir => 1 }, \\\\.@INC' grep -w Tie/File.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Tie/File.pm" in the output
Recommended Action ID	UP_REC_REQ_006
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_007

Check if pre-requisite "readline" Perl module is installed

Table 224 UP_CHK_REQ_007 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_007
Command	rpm -qa grep -w \$rpm_name grep -v "readline"
Recommended Action ID	UP_REC_REQ_007

Table 224 UP_CHK_REQ_007 details

Name	Value/Description
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_008

Check if pre-requisite "readline-devel" Perl module is installed

Table 225 UP_CHK_REQ_008 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_008
Command	rpm -qa grep -w "readline-devel"
Recommended Action ID	UP_REC_REQ_008
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_009

Check if pre-requisite RPM "expect-5" is installed

Table 226 UP_CHK_REQ_009 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_009
Command	rpm -qa grep -w "expect-5"
Recommended Action ID	UP_REC_REQ_009
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_010

Check if pre-requisite RPM "tcl" is installed

Table 227 UP_CHK_REQ_010 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_010
Command	rpm -qa grep -w "tcl"
Recommended Action ID	UP_REC_REQ_010
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_011

Check if pre-requisite RPM "tcl" is installed

Table 228 UP_CHK_REQ_011 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_011
Command	rpm -qa grep -w "tcl"
Recommended Action ID	UP_REC_REQ_011
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

DTR System Checks

UPA

ENVIRONMENT

UP_CHK_ENV_001

Check if "JBOSS_HOME" exists in root profile

Table 229 UP_CHK_ENV_001 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_001
Command	echo \$JBOSS_HOME
Recommended Action ID	UP_REC_ENV_001
Recommended Action	Set the environment variable JBOSS_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_002

Check if "JAVA_HOME" exists in root profile

Table 230 UP_CHK_ENV_002 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_002
Command	echo \$JAVA_HOME
Recommended Action ID	UP_REC_ENV_002
Recommended Action	Set the environment variable JAVA_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_003

Check if "ANT_HOME" exists in root profile

Table 231 UP_CHK_ENV_003 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_003
Command	echo \$ANT_HOME
Recommended Action ID	UP_REC_ENV_003
Recommended Action	Set the environment variable ORACLE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_004

Check if "PERL5LIB" exists in root profile

Table 232 UP_CHK_ENV_004 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_004
Command	echo \$PERL5LIB
Recommended Action ID	UP_REC_ENV_004
Recommended Action	Set the environment variable SCORE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_006

Check if "ORACLE_HOME" exists in root profile

Table 233 UP_CHK_ENV_006 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_006
Command	echo \$ORACLE_HOME

Table 233 UP_CHK_ENV_006 details

Name	Value/Description
Recommended Action ID	UP_REC_ENV_006
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_007

Check if "LD_LIBRARY_PATH" exists in root profile

Table 234 UP_CHK_ENV_007 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_007
Command	echo \$LD_LIBRARY_PATH
Recommended Action ID	UP_REC_ENV_007
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_008

Check if "CBS_BATCH_INSTALLDIR" exists in "cbsuser" profile

Table 235 UP_CHK_ENV_008 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_008
Command	su - cbsuser -c "echo \$CBS_BATCH_INSTALLDIR"
Recommended Action ID	UP_REC_ENV_008
Recommended Action	Set the environment variable CBS_BATCH_INSTALLDIR in the "cbsuser" profile
Automation Status	Automated

Table 235 UP_CHK_ENV_008 details

Name	Value/Description
Release Date	8/18/09

UP_CHK_ENV_016

Check if "ANT" executable is defined on the PATH

Table 236 UP_CHK_ENV_016 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_016
Command	ant -version
Recommended Action ID	UP_REC_ENV_016
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_017

Check if "JAVA" executable is defined on the PATH

Table 237 UP_CHK_ENV_017 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_017
Command	java -help
Recommended Action ID	UP_REC_ENV_017
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_061

Check if the "localhost" entry is defined in "/etc/hosts" and is pingable

Table 238 UP_CHK_ENV_061 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_061
Command	ping localhost
Recommended Action ID	UP_REC_ENV_061
Recommended Action	Add the entry "localhost" to the "/etc/hosts" with a valid IP address and ensure that it is pingable.
Automation Status	Automated
Release Date	8/21/09

INSTALLATION

UP_CHK_INS_002

Check if "ProcessManager" Service has started

Table 239 UP_CHK_INS_002 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_002
Command	\$JBOSS_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD status grep "ProcessManagerService"
Recommended Action ID	UP_REC_INS_002
Recommended Action	Check the "wrapper.log" or "ProcessManagerService.log" in "\$JBOSS_HOME/log" for any errors
Automation Status	Automated
Release Date	8/18/09

PLATFORM

UP_CHK_PLF_002

Check if the filesystem that will contain JBOSS_HOME directory, has sufficient space for installation

Table 240 UP_CHK_PLF_002 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_002
Command	df -g <jboss_parent_directory> grep -v Filesystem awk '{print \$3}' tail -1
Recommended Action ID	UP_REC_PLF_002
Recommended Action	Free at least 1GB of memory space in the filesystem that will contain "JBOSS_HOME" directory
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_001

Check if NTP is running and correctly synced with the External Time Server

Table 241 UP_CHK_PLF_001 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_001
Command	ntpq -p Check the "delay" field in the row marked with * in the "remote" column. If the delay is "0", then machine time is in sync with the external server.
Recommended Action ID	UP_REC_PLF_001
Recommended Action	Start that the NTP service if it is not already running and ensure that it is synchronised with the external server.
Automation Status	Automated
Release Date	8/18/09

PMS

UP_CHK_PMS_005

Check if "process.start.disable" (corresponding to flag "enable_process_start") is set to false in \${jboss.home.dir}/conf/process.properties

Table 242 UP_CHK_PMS_005 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_005
Command	grep -w '^process.start.disable' \$JBOSS_HOME/conf/process.properties
Recommended Action ID	UP_REC_PMS_005
Recommended Action	This flag is set to "TRUE" when Unified Platform is installed. This is done so that the processes are started in a pre-defined order using Process Orchestration. To start processes manually, this flag needs to be set to "FALSE" (if using MSHELL using the command "enable_process_start") or it is done automatically through the GUI.
Automation Status	Automated
Release Date	9/15/09

PRE-REQUISITE

UP_CHK_REQ_001

Check if pre-requisite "Term::Size" Perl module is installed

Table 243 UP_CHK_REQ_001 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_001

Table 243 UP_CHK_REQ_001 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/Size.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/Size.pm" in the output
Recommended Action ID	UP_REC_REQ_001
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_002

Check if pre-requisite "Term::ReadLine::Gnu" Perl module is installed

Table 244 UP_CHK_REQ_002 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_002
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadLine/Gnu.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadLine/Gnu.pm" in the output
Recommended Action ID	UP_REC_REQ_002
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated

Table 244 UP_CHK_REQ_002 details

Name	Value/Description
Release Date	8/18/09

UP_CHK_REQ_003

Check if pre-requisite "Text::Shellwords" Perl module is installed

Table 245 UP_CHK_REQ_003 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_003
Command	<pre>Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\.pm\\\\\\\\z/ };no_chdir => 1 }, \\@INC' grep -w Text/Shellwords.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Text/Shellwords.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_003
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_004

Check if pre-requisite "Term::ReadKey" Perl module is installed

Table 246 UP_CHK_REQ_004 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_004

Table 246 UP_CHK_REQ_004 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$ _ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadKey.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadKey.pm" in the output
Recommended Action ID	UP_REC_REQ_004
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_005

Check if pre-requisite "File::Remote" Perl module is installed

Table 247 UP_CHK_REQ_005 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_005
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$ _ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w File/Remote.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "TFile/Remote.pm" in the output
Recommended Action ID	UP_REC_REQ_005
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated

Table 247 UP_CHK_REQ_005 details

Name	Value/Description
Release Date	8/18/09

UP_CHK_REQ_006

Check if pre-requisite "Tie::File" Perl module is installed

Table 248 UP_CHK_REQ_006 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_006
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\\$_ if /\\\.pm\\\\z/ };no_chdir => 1 }, \\\@INC' grep -w Tie/File.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Tie/File.pm" in the output
Recommended Action ID	UP_REC_REQ_006
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_007

Check if pre-requisite "readline" Perl module is installed

Table 249 UP_CHK_REQ_007 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_007
Command	rpm -qa grep -w \$rpm_name grep -v "readline"
Recommended Action ID	UP_REC_REQ_007

Table 249 UP_CHK_REQ_007 details

Name	Value/Description
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_008

Check if pre-requisite "readline-devel" Perl module is installed

Table 250 UP_CHK_REQ_008 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_008
Command	rpm -qa grep -w "readline-devel"
Recommended Action ID	UP_REC_REQ_008
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_009

Check if pre-requisite RPM "expect-5" is installed

Table 251 UP_CHK_REQ_009 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_009
Command	rpm -qa grep -w "expect-5"
Recommended Action ID	UP_REC_REQ_009
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_010

Check if pre-requisite RPM "tssh" is installed

Table 252 UP_CHK_REQ_010 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_010
Command	rpm -qa grep -w "tssh"
Recommended Action ID	UP_REC_REQ_010
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_011

Check if pre-requisite RPM "tcl" is installed

Table 253 UP_CHK_REQ_011 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_011
Command	rpm -qa grep -w "tcl"
Recommended Action ID	UP_REC_REQ_011
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

INFOR-APP System Checks

UPA

ENVIRONMENT

UP_CHK_ENV_001

Check if "JBOSS_HOME" exists in root profile

Table 254 UP_CHK_ENV_001 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_001
Command	echo \$JBOSS_HOME
Recommended Action ID	UP_REC_ENV_001
Recommended Action	Set the environment variable JBOSS_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_002

Check if "JAVA_HOME" exists in root profile

Table 255 UP_CHK_ENV_002 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_002
Command	echo \$JAVA_HOME
Recommended Action ID	UP_REC_ENV_002
Recommended Action	Set the environment variable JAVA_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_003

Check if "ANT_HOME" exists in root profile

Table 256 UP_CHK_ENV_003 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_003
Command	echo \$ANT_HOME
Recommended Action ID	UP_REC_ENV_003
Recommended Action	Set the environment variable ORACLE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_004

Check if "PERL5LIB" exists in root profile

Table 257 UP_CHK_ENV_004 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_004
Command	echo \$PERL5LIB
Recommended Action ID	UP_REC_ENV_004
Recommended Action	Set the environment variable SCORE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_006

Check if "ORACLE_HOME" exists in root profile

Table 258 UP_CHK_ENV_006 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_006
Command	echo \$ORACLE_HOME

Table 258 UP_CHK_ENV_006 details

Name	Value/Description
Recommended Action ID	UP_REC_ENV_006
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_007

Check if "LD_LIBRARY_PATH" exists in root profile

Table 259 UP_CHK_ENV_007 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_007
Command	echo \$LD_LIBRARY_PATH
Recommended Action ID	UP_REC_ENV_007
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_016

Check if "ANT" executable is defined on the PATH

Table 260 UP_CHK_ENV_016 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_016
Command	ant -version
Recommended Action ID	UP_REC_ENV_016
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_017

Check if "JAVA" executable is defined on the PATH

Table 261 UP_CHK_ENV_017 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_017
Command	java -help
Recommended Action ID	UP_REC_ENV_017
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_061

Check if the "localhost" entry is defined in "/etc/hosts" and is pingable

Table 262 UP_CHK_ENV_061 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_061
Command	ping localhost
Recommended Action ID	UP_REC_ENV_061
Recommended Action	Add the entry "localhost" to the "/etc/hosts" with a valid IP address and ensure that it is pingable.
Automation Status	Automated
Release Date	8/21/09

INSTALLATION

UP_CHK_INS_002

Check if "ProcessManager" Service has started

Table 263 UP_CHK_INS_002 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_002
Command	\$JBOSS_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD status grep "ProcessManagerService"
Recommended Action ID	UP_REC_INS_002
Recommended Action	Check the "wrapper.log" or "ProcessManagerService.log" in "\$JBOSS_HOME/log" for any errors
Automation Status	Automated
Release Date	8/18/09

PLATFORM

UP_CHK_PLF_002

Check if the filesystem that will contain JBOSS_HOME directory, has sufficient space for installation

Table 264 UP_CHK_PLF_002 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_002
Command	df -g <jboss_parent_directory> grep -v Filesystem awk '{print \$3}' tail -1
Recommended Action ID	UP_REC_PLF_002
Recommended Action	Free at least 1GB of memory space in the filesystem that will contain "JBOSS_HOME" directory
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_001

Check if NTP is running and correctly synced with the External Time Server

Table 265 UP_CHK_PLF_001 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_001
Command	ntpq -p Check the "delay" field in the row marked with * in the "remote" column. If the delay is "0", then machine time is in sync with the external server.
Recommended Action ID	UP_REC_PLF_001
Recommended Action	Start that the NTP service if it is not already running and ensure that it is synchronised with the external server.
Automation Status	Automated
Release Date	8/18/09

PMS

UP_CHK_PMS_005

Check if "process.start.disable" (corresponding to flag "enable_process_start") is set to false in `$(jboss.home.dir)/conf/process.properties`

Table 266 UP_CHK_PMS_005 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_005
Command	grep -w '^process.start.disable' \$JBOSS_HOME/conf/process.properties
Recommended Action ID	UP_REC_PMS_005
Recommended Action	This flag is set to "TRUE" when Unified Platform is installed. This is done so that the processes are started in a pre-defined order using Process Orchestration. To start processes manually, this flag needs to be set to "FALSE" (if using MSHELL using the command "enable_process_start") or it is done automatically through the GUI.
Automation Status	Automated
Release Date	9/15/09

PRE-REQUISITE

UP_CHK_REQ_001

Check if pre-requisite "Term::Size" Perl module is installed

Table 267 UP_CHK_REQ_001 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_001
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\\$_ if /\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\\@INC' grep -w Term/Size.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/Size.pm" in the output
Recommended Action ID	UP_REC_REQ_001
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_002

Check if pre-requisite "Term::ReadLine::Gnu" Perl module is installed

Table 268 UP_CHK_REQ_002 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_002

Table 268 UP_CHK_REQ_002 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadLine/Gnu.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadLine/Gnu.pm" in the output
Recommended Action ID	UP_REC_REQ_002
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_003

Check if pre-requisite "Text::Shellwords" Perl module is installed

Table 269 UP_CHK_REQ_003 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_003
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Text/Shellwords.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Text/Shellwords.pm" in the output
Recommended Action ID	UP_REC_REQ_003
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile

Table 269 UP_CHK_REQ_003 details

Name	Value/Description
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_004

Check if pre-requisite "Term::ReadKey" Perl module is installed

Table 270 UP_CHK_REQ_004 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_004
Command	<p>Create a file by name "perlQuery" with permissions 755 and having the following contents:</p> <pre>#!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadKey.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadKey.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_004
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_005

Check if pre-requisite "File::Remote" Perl module is installed

Table 271 UP_CHK_REQ_005 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_005

Table 271 UP_CHK_REQ_005 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w File/Remote.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "TFile/Remote.pm" in the output
Recommended Action ID	UP_REC_REQ_005
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_006

Check if pre-requisite "Tie::File" Perl module is installed

Table 272 UP_CHK_REQ_006 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_006
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Tie/File.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Tie/File.pm" in the output
Recommended Action ID	UP_REC_REQ_006
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated

Table 272 UP_CHK_REQ_006 details

Name	Value/Description
Release Date	8/18/09

UP_CHK_REQ_007

Check if pre-requisite "readline" Perl module is installed

Table 273 UP_CHK_REQ_007 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_007
Command	rpm -qa grep -w \$rpm_name grep -v "readline"
Recommended Action ID	UP_REC_REQ_007
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_008

Check if pre-requisite "readline-devel" Perl module is installed

Table 274 UP_CHK_REQ_008 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_008
Command	rpm -qa grep -w "readline-devel"
Recommended Action ID	UP_REC_REQ_008
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_009

Check if pre-requisite RPM "expect-5" is installed

Table 275 UP_CHK_REQ_009 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_009
Command	rpm -qa grep -w "expect-5"
Recommended Action ID	UP_REC_REQ_009
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_010

Check if pre-requisite RPM "tcl" is installed

Table 276 UP_CHK_REQ_010 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_010
Command	rpm -qa grep -w "tclsh"
Recommended Action ID	UP_REC_REQ_010
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_011

Check if pre-requisite RPM "tcl" is installed

Table 277 UP_CHK_REQ_011 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_011
Command	rpm -qa grep -w "tclsh"

Table 277 UP_CHK_REQ_011 details

Name	Value/Description
Recommended Action ID	UP_REC_REQ_011
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

INFOR-DB System Checks

UPA

CLUSTER

UP_CHK_CLS_001

Check if the Cluster Services are correctly configured

Table 278 UP_CHK_CLS_001 details

Name	Value/Description
Application	UPA
Category	Cluster
Validation Check Identifier	UP_CHK_CLS_001
Command	cldump
Recommended Action ID	UP_REC_CLS_001
Recommended Action	Ensure that the Cluster services are correctly running.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_CLS_002

Check if the Cluster Resource Groups are ONLINE and correctly configured

Table 279 UP_CHK_CLS_002 details

Name	Value/Description
Application	UPA
Category	Cluster
Validation Check Identifier	UP_CHK_CLS_002
Command	clRGinfo -c Check if any one of resource groups "Database_RG", "App_RG", "FX_APP_RG" or "FX_DB_RG" is online
Recommended Action ID	UP_REC_CLS_002
Recommended Action	Ensure that at least one Cluster Resource Group is ONLINE.
Automation Status	Automated
Release Date	8/18/09

ENVIRONMENT

UP_CHK_ENV_001

Check if "JBOSS_HOME" exists in root profile

Table 280 UP_CHK_ENV_001 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_001
Command	echo \$JBOSS_HOME
Recommended Action ID	UP_REC_ENV_001
Recommended Action	Set the environment variable JBOSS_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_002

Check if "JAVA_HOME" exists in root profile

Table 281 UP_CHK_ENV_002 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_002
Command	echo \$JAVA_HOME
Recommended Action ID	UP_REC_ENV_002
Recommended Action	Set the environment variable JAVA_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_003

Check if "ANT_HOME" exists in root profile

Table 282 UP_CHK_ENV_003 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_003
Command	echo \$ANT_HOME
Recommended Action ID	UP_REC_ENV_003
Recommended Action	Set the environment variable ORACLE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_005

Check if "SCORE_HOME" exists in root profile

Table 283 UP_CHK_ENV_005 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_005
Command	echo \$SCORE_HOME

Table 283 UP_CHK_ENV_005 details

Name	Value/Description
Recommended Action ID	UP_REC_ENV_005
Recommended Action	Set the environment variable ANT_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_004

Check if "PERL5LIB" exists in root profile

Table 284 UP_CHK_ENV_004 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_004
Command	echo \$PERL5LIB
Recommended Action ID	UP_REC_ENV_004
Recommended Action	Set the environment variable SCORE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_016

Check if "ANT" executable is defined on the PATH

Table 285 UP_CHK_ENV_016 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_016
Command	ant -version
Recommended Action ID	UP_REC_ENV_016
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_017

Check if "JAVA" executable is defined on the PATH

Table 286 UP_CHK_ENV_017 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_017
Command	java -help
Recommended Action ID	UP_REC_ENV_017
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_061

Check if the "localhost" entry is defined in "/etc/hosts" and is pingable

Table 287 UP_CHK_ENV_061 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_061
Command	ping localhost
Recommended Action ID	UP_REC_ENV_061
Recommended Action	Add the entry "localhost" to the "/etc/hosts" with a valid IP address and ensure that it is pingable.
Automation Status	Automated
Release Date	8/21/09

INSTALLATION**UP_CHK_INS_002**

Check if "ProcessManager" Service has started

Table 288 UP_CHK_INS_002 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_002
Command	\$JBOSS_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD status grep "ProcessManagerService"
Recommended Action ID	UP_REC_INS_002
Recommended Action	Check the "wrapper.log" or "ProcessManagerService.log" in "\$JBOSS_HOME/log" for any errors
Automation Status	Automated
Release Date	8/18/09

NETWORK

UP_CHK_NET_005

Check if RSH can connect from LOCAL to LOCAL node without being prompted for a password

Table 289 UP_CHK_NET_005 details

Name	Value/Description
Application	UPA
Category	Network
Validation Check Identifier	UP_CHK_NET_005
Command	rsh <hostname>
Recommended Action ID	UP_REC_NET_005
Recommended Action	<p>Add the entry for the LOCAL node in the LOCAL \$HOME/.rhosts file. This file allows you to execute commands on remote nodes without being prompted for a password. The permissions on this file usually must be 0644 ([rw-r--r--]). It must exist in your home directory on every node that you need to use rsh with. Each line in the .rhosts file indicates a machine and user that programs may be launched from. For example, if the user abcd wishes to launch programs from the machine abcdmachine to the machines alpha, beta, and gamma, there must be a .rhosts file on each of the three remote machines ([alpha], beta, and gamma) with at least the following line in it: abcdmachine abcd</p> <p>The first field indicates the name of the machine where jobs may originate from; the second field indicates the user ID who may originate jobs from that machine</p>

Table 289 UP_CHK_NET_005 details

Name	Value/Description
Automation Status	Automated
Release Date	8/18/09

UP_CHK_NET_006

Check if RSH can connect from PEER to LOCAL node through the cross-link without being prompted for a password

Table 290 UP_CHK_NET_006 details

Name	Value/Description
Application	UPA
Category	Network
Validation Check Identifier	UP_CHK_NET_006
Command	rsh <peer_cross> rsh <hostname>
Recommended Action ID	UP_REC_NET_006
Recommended Action	<p>Add the entry for the PEER node in the LOCAL \$HOME/.rhosts file. This file allows you to execute commands on remote nodes without being prompted for a password. The permissions on this file usually must be 0644 ([rw-r--r--]). It must exist in your home directory on every node that you need to use rsh with. Each line in the .rhosts file indicates a machine and user that programs may be launched from. For example, if the user abcd wishes to launch programs from the machine abcdmachine to the machines alpha, beta, and gamma, there must be a .rhosts file on each of the three remote machines ([alpha], beta, and gamma) with at least the following line in it:</p> <pre>abcdmachine abcd</pre> <p>The first field indicates the name of the machine where jobs may originate from; the second field indicates the user ID who may originate jobs from that machine</p>
Automation Status	Automated
Release Date	8/18/09

UP_CHK_NET_007

Check if RSH can connect from LOCAL to PEER node through the cross-link without being prompted for a password

Table 291 UP_CHK_NET_007 details

Name	Value/Description
Application	UPA
Category	Network
Validation Check Identifier	UP_CHK_NET_007

Table 291 UP_CHK_NET_007 details

Name	Value/Description
Command	rsh <peer_cross>
Recommended Action ID	UP_REC_NET_007
Recommended Action	<p>Add the entry for the LOCAL node in the REMOTE \$HOME/.rhosts file. This file allows you to execute commands on remote nodes without being prompted for a password. The permissions on this file usually must be 0644 ([rw-r--r--]). It must exist in your home directory on every node that you need to use rsh with. Each line in the .rhosts file indicates a machine and user that programs may be launched from. For example, if the user abcd wishes to launch programs from the machine abcdmachine to the machines alpha, beta, and gamma, there must be a .rhosts file on each of the three remote machines ([alpha], beta, and gamma) with at least the following line in it: abcdmachine abcd</p> <p>The first field indicates the name of the machine where jobs may originate from; the second field indicates the user ID who may originate jobs from that machine</p>
Automation Status	Automated
Release Date	8/18/09

UP_CHK_NET_008

Check if RSH can connect from PEER to PEER node without being prompted for a password

Table 292 UP_CHK_NET_008 details

Name	Value/Description
Application	UPA
Category	Network
Validation Check Identifier	UP_CHK_NET_008
Command	rsh <peer_cross> rsh <peer>
Recommended Action ID	UP_REC_NET_008
Recommended Action	<p>Add the entry for the PEER node in the REMOTE \$HOME/.rhosts file. This file allows you to execute commands on remote nodes without being prompted for a password. The permissions on this file usually must be 0644 ([rw-r--r--]). It must exist in your home directory on every node that you need to use rsh with. Each line in the .rhosts file indicates a machine and user that programs may be launched from. For example, if the user abcd wishes to launch programs from the machine abcdmachine to the machines alpha, beta, and gamma, there must be a .rhosts file on each of the three remote machines ([alpha], beta, and gamma) with at least the following line in it: abcdmachine abcd</p> <p>The first field indicates the name of the machine where jobs may originate from; the second field indicates the user ID who may originate jobs from that machine</p>
Automation Status	Automated

Table 292 UP_CHK_NET_008 details

Name	Value/Description
Release Date	8/18/09

PLATFORM

UP_CHK_PLF_002

Check if the filesystem that will contain JBOSS_HOME directory, has sufficient space for installation

Table 293 UP_CHK_PLF_002 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_002
Command	df -g <jboss_parent_directory> grep -v Filesystem awk '{print \$3}' tail -1
Recommended Action ID	UP_REC_PLF_002
Recommended Action	Free at least 1GB of memory space in the filesystem that will contain "JBOSS_HOME" directory
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_001

Check if NTP is running and correctly synced with the External Time Server

Table 294 UP_CHK_PLF_001 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_001
Command	ntpq -p Check the "delay" field in the row marked with * in the "remote" column. If the delay is "0", then machine time is in sync with the external server.
Recommended Action ID	UP_REC_PLF_001

Table 294 UP_CHK_PLF_001 details

Name	Value/Description
Recommended Action	Start that the NTP service if it is not already running and ensure that it is synchronised with the external server.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_004

Check if the total memory in both the nodes is equal

Table 295 UP_CHK_PLF_004 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_004
Command	free grep Mem awk '{print \$2}'
Recommended Action ID	UP_REC_PLF_004
Recommended Action	Ensure that the host and peer nodes have the same amount of total memory.
Automation Status	Automated
Release Date	8/18/09

PMS

UP_CHK_PMS_005

Check if "process.start.disable" (corresponding to flag "enable_process_start") is set to false in \${jboss.home.dir}/conf/process.properties

Table 296 UP_CHK_PMS_005 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_005
Command	grep -w '^process.start.disable' \$JBoss_HOME/conf/process.properties

Table 296 UP_CHK_PMS_005 details

Name	Value/Description
Recommended Action ID	UP_REC_PMS_005
Recommended Action	This flag is set to "TRUE" when Unified Platform is installed. This is done so that the processes are started in a pre-defined order using Process Orchestration. To start processes manually, this flag needs to be set to "FALSE" (if using MSHELL using the command "enable_process_start") or it is done automatically is done through the GUI.
Automation Status	Automated
Release Date	9/15/09

PRE-REQUISITE

UP_CHK_REQ_001

Check if pre-requisite "Term::Size" Perl module is installed

Table 297 UP_CHK_REQ_001 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_001
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath "\\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\\\\\@INC' grep -w Term/Size.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look for the Perl module "Term/Size.pm" in the output
Recommended Action ID	UP_REC_REQ_001
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_002

Check if pre-requisite "Term::ReadLine::Gnu" Perl module is installed

Table 298 UP_CHK_REQ_002 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_002
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadLine/Gnu.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadLine/Gnu.pm" in the output
Recommended Action ID	UP_REC_REQ_002
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_003

Check if pre-requisite "Text::Shellwords" Perl module is installed

Table 299 UP_CHK_REQ_003 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_003

Table 299 UP_CHK_REQ_003 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Text/Shellwords.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Text/Shellwords.pm" in the output
Recommended Action ID	UP_REC_REQ_003
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_004

Check if pre-requisite "Term::ReadKey" Perl module is installed

Table 300 UP_CHK_REQ_004 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_004
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadKey.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadKey.pm" in the output
Recommended Action ID	UP_REC_REQ_004
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated

Table 300 UP_CHK_REQ_004 details

Name	Value/Description
Release Date	8/18/09

UP_CHK_REQ_005

Check if pre-requisite "File::Remote" Perl module is installed

Table 301 UP_CHK_REQ_005 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_005
Command	<pre>Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\\$_ if /\\\.pm\\\\z/ };no_chdir => 1 }, \\\@INC' grep -w File/Remote.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "TFile/Remote.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_005
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_006

Check if pre-requisite "Tie::File" Perl module is installed

Table 302 UP_CHK_REQ_006 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_006

Table 302 UP_CHK_REQ_006 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -Tlw -e 'find { wanted => sub { print canonpath \\\$ _ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Tie/File.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Tie/File.pm" in the output
Recommended Action ID	UP_REC_REQ_006
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_007

Check if pre-requisite "readline" Perl module is installed

Table 303 UP_CHK_REQ_007 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_007
Command	rpm -qa grep -w \$rpm_name grep -v "readline"
Recommended Action ID	UP_REC_REQ_007
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_008

Check if pre-requisite "readline-devel" Perl module is installed

Table 304 UP_CHK_REQ_008 details

Name	Value/Description
Application	UPA

Table 304 UP_CHK_REQ_008 details

Name	Value/Description
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_008
Command	rpm -qa grep -w "readline-devel"
Recommended Action ID	UP_REC_REQ_008
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_009

Check if pre-requisite RPM "expect-5" is installed

Table 305 UP_CHK_REQ_009 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_009
Command	rpm -qa grep -w "expect-5"
Recommended Action ID	UP_REC_REQ_009
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_010

Check if pre-requisite RPM "tcsh" is installed

Table 306 UP_CHK_REQ_010 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_010
Command	rpm -qa grep -w "tcsh"
Recommended Action ID	UP_REC_REQ_010

Table 306 UP_CHK_REQ_010 details

Name	Value/Description
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_011

Check if pre-requisite RPM "tcl" is installed

Table 307 UP_CHK_REQ_011 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_011
Command	rpm -qa grep -w "tcl"
Recommended Action ID	UP_REC_REQ_011
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_012

Check if pre-requisite RPM "tk" is installed

Table 308 UP_CHK_REQ_012 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_012
Command	rpm -qa grep -w "tk"
Recommended Action ID	UP_REC_REQ_012
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

INFOR-WEB System Checks

UPA

ENVIRONMENT

UP_CHK_ENV_001

Check if "JBOSS_HOME" exists in root profile

Table 309 UP_CHK_ENV_001 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_001
Command	echo \$JBOSS_HOME
Recommended Action ID	UP_REC_ENV_001
Recommended Action	Set the environment variable JBOSS_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_002

Check if "JAVA_HOME" exists in root profile

Table 310 UP_CHK_ENV_002 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_002
Command	echo \$JAVA_HOME
Recommended Action ID	UP_REC_ENV_002
Recommended Action	Set the environment variable JAVA_HOME in the "root" profile

Table 310 UP_CHK_ENV_002 details

Name	Value/Description
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_003

Check if "ANT_HOME" exists in root profile

Table 311 UP_CHK_ENV_003 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_003
Command	echo \$ANT_HOME
Recommended Action ID	UP_REC_ENV_003
Recommended Action	Set the environment variable ORACLE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_004

Check if "PERL5LIB" exists in root profile

Table 312 UP_CHK_ENV_004 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_004
Command	echo \$PERL5LIB
Recommended Action ID	UP_REC_ENV_004
Recommended Action	Set the environment variable SCORE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_006

Check if "ORACLE_HOME" exists in root profile

Table 313 UP_CHK_ENV_006 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_006
Command	echo \$ORACLE_HOME
Recommended Action ID	UP_REC_ENV_006
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_007

Check if "LD_LIBRARY_PATH" exists in root profile

Table 314 UP_CHK_ENV_007 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_007
Command	echo \$LD_LIBRARY_PATH
Recommended Action ID	UP_REC_ENV_007
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_016

Check if "ANT" executable is defined on the PATH

Table 315 UP_CHK_ENV_016 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_016
Command	ant -version

Table 315 UP_CHK_ENV_016 details

Name	Value/Description
Recommended Action ID	UP_REC_ENV_016
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_017

Check if "JAVA" executable is defined on the PATH

Table 316 UP_CHK_ENV_017 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_017
Command	java -help
Recommended Action ID	UP_REC_ENV_017
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_061

Check if the "localhost" entry is defined in "/etc/hosts" and is pingable

Table 317 UP_CHK_ENV_061 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_061
Command	ping localhost
Recommended Action ID	UP_REC_ENV_061
Recommended Action	Add the entry "localhost" to the "/etc/hosts" with a valid IP address and ensure that it is pingable.
Automation Status	Automated
Release Date	8/21/09

INSTALLATION

UP_CHK_INS_002

Check if "ProcessManager" Service has started

Table 318 UP_CHK_INS_002 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_002
Command	<code>\$JBOSS_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD status grep "ProcessManagerService"</code>
Recommended Action ID	UP_REC_INS_002
Recommended Action	Check the "wrapper.log" or "ProcessManagerService.log" in "\$JBOSS_HOME/log" for any errors
Automation Status	Automated
Release Date	8/18/09

PLATFORM

UP_CHK_PLF_002

Check if the filesystem that will contain JBOSS_HOME directory, has sufficient space for installation

Table 319 UP_CHK_PLF_002 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_002
Command	<code>df -g <jboss_parent_directory> grep -v Filesystem awk '{print \$3}' tail -1</code>
Recommended Action ID	UP_REC_PLF_002
Recommended Action	Free at least 1GB of memory space in the filesystem that will contain "JBOSS_HOME" directory

Table 319 UP_CHK_PLF_002 details

Name	Value/Description
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_001

Check if NTP is running and correctly synced with the External Time Server

Table 320 UP_CHK_PLF_001 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_001
Command	ntpq -p Check the "delay" field in the row marked with * in the "remote" column. If the delay is "0", then machine time is in sync with the external server.
Recommended Action ID	UP_REC_PLF_001
Recommended Action	Start that the NTP service if it is not already running and ensure that it is synchronised with the external server.
Automation Status	Automated
Release Date	8/18/09

PMS**UP_CHK_PMS_005**

Check if "process.start.disable" (corresponding to flag "enable_process_start") is set to false in \${jboss.home.dir}/conf/process.properties

Table 321 UP_CHK_PMS_005 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_005
Command	grep -w '^process.start.disable' \$JBOSS_HOME/conf/process.properties

Table 321 UP_CHK_PMS_005 details

Name	Value/Description
Recommended Action ID	UP_REC_PMS_005
Recommended Action	This flag is set to "TRUE" when Unified Platform is installed. This is done so that the processes are started in a pre-defined order using Process Orchestration. To start processes manually, this flag needs to be set to "FALSE" (if using MSHELL using the command "enable_process_start") or it is done automatically is done through the GUI.
Automation Status	Automated
Release Date	9/15/09

PRE-REQUISITE

UP_CHK_REQ_001

Check if pre-requisite "Term::Size" Perl module is installed

Table 322 UP_CHK_REQ_001 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_001
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\\\@INC' grep -w Term/Size.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look for the Perl module "Term/Size.pm" in the output
Recommended Action ID	UP_REC_REQ_001
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_002

Check if pre-requisite "Term::ReadLine::Gnu" Perl module is installed

Table 323 UP_CHK_REQ_002 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_002
Command	<pre>Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadLine/Gnu.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadLine/Gnu.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_002
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_003

Check if pre-requisite "Text::Shellwords" Perl module is installed

Table 324 UP_CHK_REQ_003 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_003

Table 324 UP_CHK_REQ_003 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -Tlw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\\\@INC' grep -w Text/Shellwords.pm`; chomp(\\\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Text/Shellwords.pm" in the output
Recommended Action ID	UP_REC_REQ_003
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_004

Check if pre-requisite "Term::ReadKey" Perl module is installed

Table 325 UP_CHK_REQ_004 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_004
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -Tlw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\\\@INC' grep -w Term/ReadKey.pm`; chomp(\\\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadKey.pm" in the output
Recommended Action ID	UP_REC_REQ_004
Recommended Action	Install ANT and ensure that it is available in the system PATH

Table 325 UP_CHK_REQ_004 details

Name	Value/Description
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_005

Check if pre-requisite "File::Remote" Perl module is installed

Table 326 UP_CHK_REQ_005 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_005
Command	<p>Create a file by name "perlQuery" with permissions 755 and having the following contents:</p> <pre>#!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w File/Remote.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "TFile/Remote.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_005
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_006

Check if pre-requisite "Tie::File" Perl module is installed

Table 327 UP_CHK_REQ_006 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_006

Table 327 UP_CHK_REQ_006 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$ _ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Tie/File.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Tie/File.pm" in the output
Recommended Action ID	UP_REC_REQ_006
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_007

Check if pre-requisite "readline" Perl module is installed

Table 328 UP_CHK_REQ_007 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_007
Command	rpm -qa grep -w \$rpm_name grep -v "readline"
Recommended Action ID	UP_REC_REQ_007
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_008

Check if pre-requisite "readline-devel" Perl module is installed

Table 329 UP_CHK_REQ_008 details

Name	Value/Description
Application	UPA

Table 329 UP_CHK_REQ_008 details

Name	Value/Description
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_008
Command	rpm -qa grep -w "readline-devel"
Recommended Action ID	UP_REC_REQ_008
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_009

Check if pre-requisite RPM "expect-5" is installed

Table 330 UP_CHK_REQ_009 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_009
Command	rpm -qa grep -w "expect-5"
Recommended Action ID	UP_REC_REQ_009
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_010

Check if pre-requisite RPM "tcsh" is installed

Table 331 UP_CHK_REQ_010 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_010
Command	rpm -qa grep -w "tcsh"
Recommended Action ID	UP_REC_REQ_010

Table 331 UP_CHK_REQ_010 details

Name	Value/Description
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_011

Check if pre-requisite RPM "tcl" is installed

Table 332 UP_CHK_REQ_011 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_011
Command	rpm -qa grep -w "tcl"
Recommended Action ID	UP_REC_REQ_011
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

OFFRATER System Checks

UPA

ENVIRONMENT

UP_CHK_ENV_001

Check if "JBOSS_HOME" exists in root profile

Table 333 UP_CHK_ENV_001 details

Name	Value/Description
Application	UPA

Table 333 UP_CHK_ENV_001 details

Name	Value/Description
Category	Environment
Validation Check Identifier	UP_CHK_ENV_001
Command	echo \$JBOSS_HOME
Recommended Action ID	UP_REC_ENV_001
Recommended Action	Set the environment variable JBOSS_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_002

Check if "JAVA_HOME" exists in root profile

Table 334 UP_CHK_ENV_002 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_002
Command	echo \$JAVA_HOME
Recommended Action ID	UP_REC_ENV_002
Recommended Action	Set the environment variable JAVA_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_003

Check if "ANT_HOME" exists in root profile

Table 335 UP_CHK_ENV_003 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_003
Command	echo \$ANT_HOME
Recommended Action ID	UP_REC_ENV_003

Table 335 UP_CHK_ENV_003 details

Name	Value/Description
Recommended Action	Set the environment variable ORACLE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_004

Check if "PERL5LIB" exists in root profile

Table 336 UP_CHK_ENV_004 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_004
Command	echo \$PERL5LIB
Recommended Action ID	UP_REC_ENV_004
Recommended Action	Set the environment variable SCORE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_006

Check if "ORACLE_HOME" exists in root profile

Table 337 UP_CHK_ENV_006 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_006
Command	echo \$ORACLE_HOME
Recommended Action ID	UP_REC_ENV_006
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_007

Check if "LD_LIBRARY_PATH" exists in root profile

Table 338 UP_CHK_ENV_007 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_007
Command	echo \$LD_LIBRARY_PATH
Recommended Action ID	UP_REC_ENV_007
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_016

Check if "ANT" executable is defined on the PATH

Table 339 UP_CHK_ENV_016 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_016
Command	ant -version
Recommended Action ID	UP_REC_ENV_016
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_017

Check if "JAVA" executable is defined on the PATH

Table 340 UP_CHK_ENV_017 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_017

Table 340 UP_CHK_ENV_017 details

Name	Value/Description
Command	java -help
Recommended Action ID	UP_REC_ENV_017
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_061

Check if the "localhost" entry is defined in "/etc/hosts" and is pingable

Table 341 UP_CHK_ENV_061 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_061
Command	ping localhost
Recommended Action ID	UP_REC_ENV_061
Recommended Action	Add the entry "localhost" to the "/etc/hosts" with a valid IP address and ensure that it is pingable.
Automation Status	Automated
Release Date	8/21/09

UP_CHK_ENV_018

Check if the "secserv" entry is defined in "/etc/hosts" and is pingable

Table 342 UP_CHK_ENV_018 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_018
Command	ping secserv
Recommended Action ID	UP_REC_ENV_018
Recommended Action	Add the entry "secserv" to file "/etc/hosts" with a valid IP address and ensure that it is pingable.

Table 342 UP_CHK_ENV_018 details

Name	Value/Description
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_032

Check if "/home/sncpuser/profile/omnisetup.sh" file exists

Table 343 UP_CHK_ENV_032 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_032
Command	Check is the file "/home/sncpuser/profile/omnisetup.sh" exists using: ls -l /home/sncpuser/profile/omnisetup.sh
Recommended Action ID	UP_REC_ENV_032
Recommended Action	Check if the ENV file "/home/sncpuser/profile/omnisetup.sh" exists.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_033

Check if "sncpuser" is the owner of "/home/sncpuser/profile/omnisetup.sh" file

Table 344 UP_CHK_ENV_033 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_033
Command	ls -ltr /home/sncpuser/profile/omnisetup.sh awk '{print \$3}'
Recommended Action ID	UP_REC_ENV_033
Recommended Action	Check if the ENV file "/home/sncpuser/profile/omnisetup.sh" is set with "sncpuser" as the owner.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_060

Check if the specified ".profile" file has any errors, echo statements

Table 345 UP_CHK_ENV_060 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_060
Command	su - <user> -c ""
Recommended Action ID	UP_REC_ENV_060
Recommended Action	If the check is on UPM/Billing/SDP, then the user profile to check is "cbsuser"; else if the check is on Offrater, then the user profile to check is "sncpuser". For other nodes, there are specific users (check the XML configuration file). Check if the user's .profile file has any errors/echo statements/clear statements. If yes, then comment them and check again.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_034

Check if "/home/sncpuser/profile/omnisetup.sh" file can be sourced properly using "sncpuser"

Table 346 UP_CHK_ENV_034 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_034
Command	su - sncpuser -c 'ksh -c ". /home/sncpuser/profile/omnisetup.sh"'
Recommended Action ID	UP_REC_ENV_034
Recommended Action	Ensure that the file "/home/sncpuser/profile/omnisetup.sh" can be sourced correctly without error and no output messages
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_035

Check if variable "ARBOR_ADMIN_DB_INST" is set in "/home/sncpuser/profile/omnisetup.sh"

Table 347 UP_CHK_ENV_035 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_035
Command	su - sncpuser -c 'ksh -c ". /home/sncpuser/profile/omnisetup.sh;echo \\\\$ARBOR_ADMIN_DB_INST"'
Recommended Action ID	UP_REC_ENV_035
Recommended Action	Set the variable "ARBOR_ADMIN_DB_INST" with a valid and non-null value in the file "/home/sncpuser/profile/omnisetup.sh"
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_036

Check if variable "ARBOR_ADMIN_USER" is set in "/home/sncpuser/profile/omnisetup.sh"

Table 348 UP_CHK_ENV_036 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_036
Command	su - sncpuser -c 'ksh -c ". /home/sncpuser/profile/omnisetup.sh;echo \\\\$ARBOR_ADMIN_USER"'
Recommended Action ID	UP_REC_ENV_036
Recommended Action	Set the variable "ARBOR_ADMIN_USER" with a valid and non-null value in the file "/home/sncpuser/profile/omnisetup.sh".
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_037

Check if variable "OAM_ENV_CONN_MA" is set to "TRUE" in "/home/sncpuser/profile/omnisetup.sh"

Table 349 UP_CHK_ENV_037 details

Name	Value/Description
Application	UPA
Category	Environment

Table 349 UP_CHK_ENV_037 details

Name	Value/Description
Validation Check Identifier	UP_CHK_ENV_037
Command	su - sncpuser -c 'ksh -c " . /home/sncpuser/profile/omnisetup.sh;echo \ \$OAM_ENV_CONN_MA"'
Recommended Action ID	UP_REC_ENV_037
Recommended Action	Set the variable "OAM_ENV_CONN_MA" with a value as "TRUE" in the file "/home/sncpuser/profile/omnisetup.sh".
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_038

Check if variable "ISM_AGENT" is set to "22021" in "/home/sncpuser/profile/omnisetup.sh"

Table 350 UP_CHK_ENV_038 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_038
Command	su - sncpuser -c 'ksh -c " . /home/sncpuser/profile/omnisetup.sh;echo \ \$ISM_AGENT"'
Recommended Action ID	UP_REC_ENV_038
Recommended Action	Set the variable "ISM_AGENT" with a value as "22021" in the file "/home/sncpuser/profile/omnisetup.sh".
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_039

Check if variable "ISM_AGENT_JAVA" is set to "22022" in "/home/sncpuser/profile/omnisetup.sh"

Table 351 UP_CHK_ENV_039 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_039

Table 351 UP_CHK_ENV_039 details

Name	Value/Description
Command	su - sncpuser -c 'ksh -c " . /home/sncpuser/profile/omnisetup.sh;echo \\\ISM_AGENT_JAVA"'
Recommended Action ID	UP_REC_ENV_039
Recommended Action	Set the variable "ISM_AGENT_JAVA" with a value as "22022" in the file "/home/sncpuser/profile/omnisetup.sh".
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_065

Check if the "ARBOR_ADMIN_DB_INST" database instance is up and running

Table 352 UP_CHK_ENV_065 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_065
Command	Create a file by name "shellQuery" with permissions 755 and having the following contents: #!/bin/sh su - -c "tnsping <ARBOR_ADMIN_DB_INST_INSTANCE_NAME>;" Execute the file and check if the output indicates that the listener is up.
Recommended Action ID	UP_REC_ENV_065
Recommended Action	Check for the database instance entry in "tnsnames.ora file". If not present, then add it.
Automation Status	Automated
Release Date	9/23/09

UP_CHK_ENV_048

Check if variable "serverdef.instance.name" is set in \${jboss.home.dir}/conf/application.properties

Table 353 UP_CHK_ENV_048 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_048

Table 353 UP_CHK_ENV_048 details

Name	Value/Description
Command	grep -w serverdef.instance.name \$JBOSS_HOME/conf/application.properties
Recommended Action ID	UP_REC_ENV_048
Recommended Action	Set the variable "\$ARBOR_CATALOG_DATABASE" in the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh". Once done, execute the script "refreshEnvironment.pl" present in the location "\$JBOSS_HOME/bin". It takes about 5 minutes to set the property in UP environment
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_049

Check if variable "database.instance.user" is set in \${jboss.home.dir}/conf/application.properties

Table 354 UP_CHK_ENV_049 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_049
Command	grep -w database.instance.user \$JBOSS_HOME/conf/application.properties
Recommended Action ID	UP_REC_ENV_049
Recommended Action	Set the variable "\$ARBORDBU" in the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh". Once done, execute the script "refreshEnvironment.pl" present in the location "\$JBOSS_HOME/bin". It takes about 5 minutes to set the property in UP environment
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_050

Check if variable "billing.batch.env.file" is set in \${jboss.home.dir}/conf/application.properties

Table 355 UP_CHK_ENV_050 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_050
Command	grep -w billing.batch.env.file \$JBOSS_HOME/conf/application.properties
Recommended Action ID	UP_REC_ENV_050
Recommended Action	Check if ENV file exists in "/staging/billing/" directory. If not present, then add the ENV file and execute the script "refreshEnvironment.pl" present in the location "\$JBOSS_HOME/bin".
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_051

Check if variable "billing.envfile.owner" is set in \${jboss.home.dir}/conf/application.properties

Table 356 UP_CHK_ENV_051 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_051
Command	grep -w billing.envfile.owner \$JBOSS_HOME/conf/application.properties
Recommended Action ID	UP_REC_ENV_051
Recommended Action	Check if env file exists in "/staging/billing/" directory. If not present add the ENV file and execute the script "refreshEnvironment.pl" present in the location "\$JBOSS_HOME/bin".
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_052

Check if variable "oracle.net.tns_admin" is set in \${jboss.home.dir}/conf/application.properties

Table 357 UP_CHK_ENV_052 details

Name	Value/Description
Application	UPA

Table 357 UP_CHK_ENV_052 details

Name	Value/Description
Category	Environment
Validation Check Identifier	UP_CHK_ENV_052
Command	grep -w oracle.net.tns_admin \$JBOSS_HOME/conf/application.properties
Recommended Action ID	UP_REC_ENV_052
Recommended Action	Execute the script "refreshEnvironment.pl" present in the location "\$JBOSS_HOME/bin"
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_053

Check if variable "env.shell" is set in \${jboss.home.dir}/conf/application.properties

Table 358 UP_CHK_ENV_053 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_053
Command	grep -w env.shell \$JBOSS_HOME/conf/application.properties
Recommended Action ID	UP_REC_ENV_053
Recommended Action	Check if ENV file exists in "/staging/billing/" directory. If not present, then add the ENV file and execute the script "refreshEnvironment.pl" present in the location "\$JBOSS_HOME/bin"
Automation Status	Automated
Release Date	8/18/09

INSTALLATION

UP_CHK_INS_001

Check if \$JBOSS_HOME/process directory is present

Table 359 UP_CHK_INS_001 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_001
Command	ls -l \$JBOSS_HOME grep -w "process"
Recommended Action ID	UP_REC_INS_001
Recommended Action	Check if the process component package is installed. Check if the directory "\$JBOSS_HOME/process" exists with process files in it.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_INS_005

Check if \${jboss.home.dir}/process/instrumented directory contains process CFGs

Table 360 UP_CHK_INS_005 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_005
Command	ls -l \$JBOSS_HOME/process/instrumented/*.icfg wc -l
Recommended Action ID	UP_REC_INS_005
Recommended Action	Check if there exists .icfg files in the \$JBOSS_HOME/process/instrumented directory
Automation Status	Automated
Release Date	8/18/09

UP_CHK_INS_002

Check if "ProcessManager" Service has started

Table 361 UP_CHK_INS_002 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_002

Table 361 UP_CHK_INS_002 details

Name	Value/Description
Command	\$JBOSS_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD status grep "ProcessManagerService"
Recommended Action ID	UP_REC_INS_002
Recommended Action	Check the "wrapper.log" or "ProcessManagerService.log" in "\$JBOSS_HOME/log" for any errors
Automation Status	Automated
Release Date	8/18/09

UP_CHK_INS_003

Check if "ProcessHandler" Service has started

Table 362 UP_CHK_INS_003 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_003
Command	\$JBOSS_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD status grep "ProcessHandlerService"
Recommended Action ID	UP_REC_INS_003
Recommended Action	Check the "wrapper.log" or "ProcessHandlerService.log" in "\$JBOSS_HOME/log" for any errors
Automation Status	Automated
Release Date	8/18/09

PLATFORM

UP_CHK_PLF_002

Check if the filesystem that will contain JBOSS_HOME directory, has sufficient space for installation

Table 363 UP_CHK_PLF_002 details

Name	Value/Description
Application	UPA

Table 363 UP_CHK_PLF_002 details

Name	Value/Description
Category	Platform
Validation Check Identifier	UP_CHK_PLF_002
Command	df -g <jboss_parent_directory> grep -v Filesystem awk '{print \$3}' tail -1
Recommended Action ID	UP_REC_PLF_002
Recommended Action	Free at least 1GB of memory space in the filesystem that will contain "JBOSS_HOME" directory
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_001

Check if NTP is running and correctly synced with the External Time Server

Table 364 UP_CHK_PLF_001 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_001
Command	ntpq -p Check the "delay" field in the row marked with * in the "remote" column. If the delay is "0", then machine time is in sync with the external server.
Recommended Action ID	UP_REC_PLF_001
Recommended Action	Start that the NTP service if it is not already running and ensure that it is synchronised with the external server.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_003

Check if there is sufficient physical memory available on the device

Table 365 UP_CHK_PLF_003 details

Name	Value/Description
Application	UPA
Category	Platform

Table 365 UP_CHK_PLF_003 details

Name	Value/Description
Validation Check Identifier	UP_CHK_PLF_003
Command	free -m grep -i "mem" awk '{print \$2}'
Recommended Action ID	UP_REC_PLF_003
Recommended Action	Ensure that the device has sufficient physical memory (as indicated by the check)
Automation Status	Automated
Release Date	8/18/09

PMS

UP_CHK_PMS_001

Check if the supported process types are loaded

Table 366 UP_CHK_PMS_001 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_001
Command	\$JBOSS_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD list_process_types
Recommended Action ID	UP_REC_PMS_001
Recommended Action	Check "\$JBOSS/process/instrumented/" directory. There should be ".icfg" files present. If they are present, then execute from mshell the command "list_process_types". If it does not show any process then check "ProcessHandlerService" in "\$JBOSS_HOME/log/" directory for any errors.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PMS_002

Check if the server id is set

Table 367 UP_CHK_PMS_002 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_002
Command	\$JBOSS_HOME_DIR/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD list_process_types -bp <process_name> grep server_id
Recommended Action ID	UP_REC_PMS_002
Recommended Action	Ensure the following: Step 1 : Check if the "ARBOR_CATALOG_DATABASE" and "ARBORDBU" values are set correctly in ENV file. Try connecting to "ARBOR_CATALOG_DATABASE" using "ARBORDBU" using "sqlplus". Check the "SERVER_DEFINITION" table to see if there are Server IDs available. Step 2 : If Step 1 is OK, then check the values of "serverdef.instance.name" and "database.instance.user" in "\$JBOSS_HOME/conf/application.properties" file. It should be same as the values in Step 1. If not then execute "\$JBOSS_HOME/bin/refreshEnvironment.pl". Step 3: If Step 1 and Step 2 are OK, then check the command after 5 minutes. Otherwise check "\$JBOSS_HOME/log/ProcessHandlerService.log" for any errors reported.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PMS_004

Check if Unified Platform is able to start processes

Table 368 UP_CHK_PMS_004 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_004
Command	No command is available. This is a manual check
Recommended Action ID	UP_REC_PMS_004

Table 368 UP_CHK_PMS_004 details

Name	Value/Description
Recommended Action	<p>(a) Check if Unified Platform is able to start a process. This can be done by executing the MSHELL command "list_processes". If the process status is "NOEXEC", then check if an alarm is seen for the process using the MSHELL command "list_active_events".</p> <p>(b) If an alarm exists, then check for any errors reported in process log present in /staging/billing/data/log. Try fixing the issue.</p> <p>(c) If the error is due to password retrieval from security server, then check if the credentials are available in the security server on UPM (by executing the MSHELL command "list_credential" on UPM). If the entry is unavailable, add the credential entry using MSHELL command "store_credential".</p> <p>(d) If the error indicates that a previous process entry exists in the "PROCESS_STATUS", then check if the entry for the process already exists in "PROCESS_STATUS" table of the Server ID (DB instance). If it does, then remove it (as it is due to a previous crashed process). Try starting the process.</p> <p>(e) After fixing, try starting the process from outside Unified Platform. If the process starts successfully, then try starting from Unified Platform.</p>
Automation Status	Automated
Release Date	9/15/09

UP_CHK_PMS_005

Check if "process.start.disable" (corresponding to flag "enable_process_start") is set to false in \${jboss.home.dir}/conf/process.properties

Table 369 UP_CHK_PMS_005 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_005
Command	grep -w '^process.start.disable' \$JBoss_HOME/conf/process.properties
Recommended Action ID	UP_REC_PMS_005
Recommended Action	This flag is set to "TRUE" when Unified Platform is installed. This is done so that the processes are started in a pre-defined order using Process Orchestration. To start processes manually, this flag needs to be set to "FALSE" (if using MSHELL using the command "enable_process_start") or it is done automatically is done through the GUI.
Automation Status	Automated
Release Date	9/15/09

PRE-REQUISITE

UP_CHK_REQ_001

Check if pre-requisite "Term::Size" Perl module is installed

Table 370 UP_CHK_REQ_001 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_001
Command	<p>Create a file by name "perlQuery" with permissions 755 and having the following contents:</p> <pre>#!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\\$_ if /\\\.pm\\\\z/ },no_chdir => 1 }, \\\@INC' grep -w Term/Size.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/Size.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_001
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_002

Check if pre-requisite "Term::ReadLine::Gnu" Perl module is installed

Table 371 UP_CHK_REQ_002 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_002

Table 371 UP_CHK_REQ_002 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadLine/Gnu.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadLine/Gnu.pm" in the output
Recommended Action ID	UP_REC_REQ_002
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_003

Check if pre-requisite "Text::Shellwords" Perl module is installed

Table 372 UP_CHK_REQ_003 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_003
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Text/Shellwords.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Text/Shellwords.pm" in the output
Recommended Action ID	UP_REC_REQ_003
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated

Table 372 UP_CHK_REQ_003 details

Name	Value/Description
Release Date	8/18/09

UP_CHK_REQ_004

Check if pre-requisite "Term::ReadKey" Perl module is installed

Table 373 UP_CHK_REQ_004 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_004
Command	<pre>Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ };no_chdir => 1 }, \\@INC' grep -w Term/ReadKey.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadKey.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_004
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_005

Check if pre-requisite "File::Remote" Perl module is installed

Table 374 UP_CHK_REQ_005 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_005

Table 374 UP_CHK_REQ_005 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w File/Remote.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "TFile/Remote.pm" in the output
Recommended Action ID	UP_REC_REQ_005
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_006

Check if pre-requisite "Tie::File" Perl module is installed

Table 375 UP_CHK_REQ_006 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_006
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Tie/File.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Tie/File.pm" in the output
Recommended Action ID	UP_REC_REQ_006
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated

Table 375 UP_CHK_REQ_006 details

Name	Value/Description
Release Date	8/18/09

UP_CHK_REQ_007

Check if pre-requisite "readline" Perl module is installed

Table 376 UP_CHK_REQ_007 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_007
Command	rpm -qa grep -w \$rpm_name grep -v "readline"
Recommended Action ID	UP_REC_REQ_007
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_008

Check if pre-requisite "readline-devel" Perl module is installed

Table 377 UP_CHK_REQ_008 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_008
Command	rpm -qa grep -w "readline-devel"
Recommended Action ID	UP_REC_REQ_008
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_009

Check if pre-requisite RPM "expect-5" is installed

Table 378 UP_CHK_REQ_009 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_009
Command	rpm -qa grep -w "expect-5"
Recommended Action ID	UP_REC_REQ_009
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_010

Check if pre-requisite RPM "tclsh" is installed

Table 379 UP_CHK_REQ_010 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_010
Command	rpm -qa grep -w "tclsh"
Recommended Action ID	UP_REC_REQ_010
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_011

Check if pre-requisite RPM "tcl" is installed

Table 380 UP_CHK_REQ_011 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_011
Command	rpm -qa grep -w "tclsh"

Table 380 UP_CHK_REQ_011 details

Name	Value/Description
Recommended Action ID	UP_REC_REQ_011
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

ONRATER System Checks

UPA

ENVIRONMENT

UP_CHK_ENV_001

Check if "JBOSS_HOME" exists in root profile

Table 381 UP_CHK_ENV_001 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_001
Command	echo \$JBOSS_HOME
Recommended Action ID	UP_REC_ENV_001
Recommended Action	Set the environment variable JBOSS_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_002

Check if "JAVA_HOME" exists in root profile

Table 382 UP_CHK_ENV_002 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_002
Command	echo \$JAVA_HOME
Recommended Action ID	UP_REC_ENV_002
Recommended Action	Set the environment variable JAVA_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_003

Check if "ANT_HOME" exists in root profile

Table 383 UP_CHK_ENV_003 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_003
Command	echo \$ANT_HOME
Recommended Action ID	UP_REC_ENV_003
Recommended Action	Set the environment variable ORACLE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_004

Check if "PERL5LIB" exists in root profile

Table 384 UP_CHK_ENV_004 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_004
Command	echo \$PERL5LIB

Table 384 UP_CHK_ENV_004 details

Name	Value/Description
Recommended Action ID	UP_REC_ENV_004
Recommended Action	Set the environment variable SCORE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_006

Check if "ORACLE_HOME" exists in root profile

Table 385 UP_CHK_ENV_006 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_006
Command	echo \$ORACLE_HOME
Recommended Action ID	UP_REC_ENV_006
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_007

Check if "LD_LIBRARY_PATH" exists in root profile

Table 386 UP_CHK_ENV_007 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_007
Command	echo \$LD_LIBRARY_PATH
Recommended Action ID	UP_REC_ENV_007
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_016

Check if "ANT" executable is defined on the PATH

Table 387 UP_CHK_ENV_016 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_016
Command	ant -version
Recommended Action ID	UP_REC_ENV_016
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_017

Check if "JAVA" executable is defined on the PATH

Table 388 UP_CHK_ENV_017 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_017
Command	java -help
Recommended Action ID	UP_REC_ENV_017
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_061

Check if the "localhost" entry is defined in "/etc/hosts" and is pingable

Table 389 UP_CHK_ENV_061 details

Name	Value/Description
Application	UPA
Category	Environment

Table 389 UP_CHK_ENV_061 details

Name	Value/Description
Validation Check Identifier	UP_CHK_ENV_061
Command	ping localhost
Recommended Action ID	UP_REC_ENV_061
Recommended Action	Add the entry "localhost" to the "/etc/hosts" with a valid IP address and ensure that it is pingable.
Automation Status	Automated
Release Date	8/21/09

INSTALLATION

UP_CHK_INS_001

Check if \$JBOSS_HOME/process directory is present

Table 390 UP_CHK_INS_001 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_001
Command	ls -l \$JBOSS_HOME grep -w "process"
Recommended Action ID	UP_REC_INS_001
Recommended Action	Check if the process component package is installed. Check if the directory "\$JBOSS_HOME/process" exists with process files in it.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_INS_002

Check if "ProcessManager" Service has started

Table 391 UP_CHK_INS_002 details

Name	Value/Description
Application	UPA
Category	Installation

Table 391 UP_CHK_INS_002 details

Name	Value/Description
Validation Check Identifier	UP_CHK_INS_002
Command	<code>\$JBOSS_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD status grep "ProcessManagerService"</code>
Recommended Action ID	UP_REC_INS_002
Recommended Action	Check the "wrapper.log" or "ProcessManagerService.log" in "\$JBOSS_HOME/log" for any errors
Automation Status	Automated
Release Date	8/18/09

PLATFORM

UP_CHK_PLF_002

Check if the filesystem that will contain JBOSS_HOME directory, has sufficient space for installation

Table 392 UP_CHK_PLF_002 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_002
Command	<code>df -g <jboss_parent_directory> grep -v Filesystem awk '{print \$3}' tail -1</code>
Recommended Action ID	UP_REC_PLF_002
Recommended Action	Free at least 1GB of memory space in the filesystem that will contain "JBOSS_HOME" directory
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_001

Check if NTP is running and correctly synced with the External Time Server

Table 393 UP_CHK_PLF_001 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_001
Command	ntpq -p Check the "delay" field in the row marked with * in the "remote" column. If the delay is "0", then machine time is in sync with the external server.
Recommended Action ID	UP_REC_PLF_001
Recommended Action	Start that the NTP service if it is not already running and ensure that it is synchronised with the external server.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_003

Check if there is sufficient physical memory available on the device

Table 394 UP_CHK_PLF_003 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_003
Command	free -m grep -i "mem" awk '{print \$2}'
Recommended Action ID	UP_REC_PLF_003
Recommended Action	Ensure that the device has sufficient physical memory (as indicated by the check)
Automation Status	Automated
Release Date	8/18/09

PMS**UP_CHK_PMS_005**

Check if "process.start.disable" (corresponding to flag "enable_process_start") is set to false in `$(jboss.home.dir)/conf/process.properties`

Table 395 UP_CHK_PMS_005 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_005
Command	grep -w '^process.start.disable' \$JBOSS_HOME/conf/process.properties
Recommended Action ID	UP_REC_PMS_005
Recommended Action	This flag is set to "TRUE" when Unified Platform is installed. This is done so that the processes are started in a pre-defined order using Process Orchestration. To start processes manually, this flag needs to be set to "FALSE" (if using MSHELL using the command "enable_process_start") or it is done automatically is done through the GUI.
Automation Status	Automated
Release Date	9/15/09

PRE-REQUISITE

UP_CHK_REQ_001

Check if pre-requisite "Term::Size" Perl module is installed

Table 396 UP_CHK_REQ_001 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_001
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\.pm\$/ } ,no_chdir => 1 }, \\@INC' grep -w Term/Size.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look for the Perl module "Term/Size.pm" in the output

Table 396 UP_CHK_REQ_001 details

Name	Value/Description
Recommended Action ID	UP_REC_REQ_001
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_002

Check if pre-requisite "Term::ReadLine::Gnu" Perl module is installed

Table 397 UP_CHK_REQ_002 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_002
Command	<pre>Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\.pm\\\.z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadLine/Gnu.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadLine/Gnu.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_002
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_003

Check if pre-requisite "Text::Shellwords" Perl module is installed

Table 398 UP_CHK_REQ_003 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite

Table 398 UP_CHK_REQ_003 details

Name	Value/Description
Validation Check Identifier	UP_CHK_REQ_003
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: <pre>#!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\.pm\\\.z/ },no_chdir => 1 }, \\@INC' grep -w Text/Shellwords.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Text/Shellwords.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_003
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_004

Check if pre-requisite "Term::ReadKey" Perl module is installed

Table 399 UP_CHK_REQ_004 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_004
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: <pre>#!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\.pm\\\.z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadKey.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadKey.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_004
Recommended Action	Install the Unified Platform pre-requisite package.

Table 399 UP_CHK_REQ_004 details

Name	Value/Description
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_005

Check if pre-requisite "File::Remote" Perl module is installed

Table 400 UP_CHK_REQ_005 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_005
Command	<p>Create a file by name "perlQuery" with permissions 755 and having the following contents:</p> <pre>#!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w File/Remote.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "TFile/Remote.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_005
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_006

Check if pre-requisite "Tie::File" Perl module is installed

Table 401 UP_CHK_REQ_006 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_006

Table 401 UP_CHK_REQ_006 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$ _ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Tie/File.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Tie/File.pm" in the output
Recommended Action ID	UP_REC_REQ_006
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_007

Check if pre-requisite "readline" Perl module is installed

Table 402 UP_CHK_REQ_007 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_007
Command	rpm -qa grep -w \$rpm_name grep -v "readline"
Recommended Action ID	UP_REC_REQ_007
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_008

Check if pre-requisite "readline-devel" Perl module is installed

Table 403 UP_CHK_REQ_008 details

Name	Value/Description
Application	UPA

Table 403 UP_CHK_REQ_008 details

Name	Value/Description
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_008
Command	rpm -qa grep -w "readline-devel"
Recommended Action ID	UP_REC_REQ_008
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_009

Check if pre-requisite RPM "expect-5" is installed

Table 404 UP_CHK_REQ_009 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_009
Command	rpm -qa grep -w "expect-5"
Recommended Action ID	UP_REC_REQ_009
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_010

Check if pre-requisite RPM "tcsh" is installed

Table 405 UP_CHK_REQ_010 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_010
Command	rpm -qa grep -w "tcsh"
Recommended Action ID	UP_REC_REQ_010

Table 405 UP_CHK_REQ_010 details

Name	Value/Description
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_011

Check if pre-requisite RPM "tcl" is installed

Table 406 UP_CHK_REQ_011 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_011
Command	rpm -qa grep -w "tcl"
Recommended Action ID	UP_REC_REQ_011
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

RHT System Checks

UPA

ENVIRONMENT

UP_CHK_ENV_001

Check if "JBOSS_HOME" exists in root profile

Table 407 UP_CHK_ENV_001 details

Name	Value/Description
Application	UPA

Table 407 UP_CHK_ENV_001 details

Name	Value/Description
Category	Environment
Validation Check Identifier	UP_CHK_ENV_001
Command	echo \$JBOSS_HOME
Recommended Action ID	UP_REC_ENV_001
Recommended Action	Set the environment variable JBOSS_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_002

Check if "JAVA_HOME" exists in root profile

Table 408 UP_CHK_ENV_002 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_002
Command	echo \$JAVA_HOME
Recommended Action ID	UP_REC_ENV_002
Recommended Action	Set the environment variable JAVA_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_003

Check if "ANT_HOME" exists in root profile

Table 409 UP_CHK_ENV_003 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_003
Command	echo \$ANT_HOME
Recommended Action ID	UP_REC_ENV_003

Table 409 UP_CHK_ENV_003 details

Name	Value/Description
Recommended Action	Set the environment variable ORACLE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_004

Check if "PERL5LIB" exists in root profile

Table 410 UP_CHK_ENV_004 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_004
Command	echo \$PERL5LIB
Recommended Action ID	UP_REC_ENV_004
Recommended Action	Set the environment variable SCORE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_006

Check if "ORACLE_HOME" exists in root profile

Table 411 UP_CHK_ENV_006 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_006
Command	echo \$ORACLE_HOME
Recommended Action ID	UP_REC_ENV_006
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_007

Check if "LD_LIBRARY_PATH" exists in root profile

Table 412 UP_CHK_ENV_007 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_007
Command	echo \$LD_LIBRARY_PATH
Recommended Action ID	UP_REC_ENV_007
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_008

Check if "CBS_BATCH_INSTALLDIR" in "apiuser" profile exists

Table 413 UP_CHK_ENV_008 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_008
Command	su - apiuser -c 'bash -c "echo \$CBS_BATCH_INSTALLDIR"'
Recommended Action ID	UP_REC_ENV_008
Recommended Action	Set the environment variable CBS_BATCH_INSTALLDIR in the "cbsuser" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_009

Check if "CBS_WORKFLOW_SERVER_INSTALLDIR" in "workflow" profile exists

Table 414 UP_CHK_ENV_009 details

Name	Value/Description
Application	UPA
Category	Environment

Table 414 UP_CHK_ENV_009 details

Name	Value/Description
Validation Check Identifier	UP_CHK_ENV_009
Command	su - workflow -c 'bash -c "echo \$CBS_WORKFLOW_SERVER_INSTALLDIR"'
Recommended Action ID	UP_REC_ENV_009
Recommended Action	Set the environment variable CBS_WORKFLOW_SERVER_INSTALLDIR in the "workflow" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_016

Check if "ANT" executable is defined on the PATH

Table 415 UP_CHK_ENV_016 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_016
Command	ant -version
Recommended Action ID	UP_REC_ENV_016
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_017

Check if "JAVA" executable is defined on the PATH

Table 416 UP_CHK_ENV_017 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_017
Command	java -help
Recommended Action ID	UP_REC_ENV_017

Table 416 UP_CHK_ENV_017 details

Name	Value/Description
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_061

Check if the "localhost" entry is defined in "/etc/hosts" and is pingable

Table 417 UP_CHK_ENV_061 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_061
Command	ping localhost
Recommended Action ID	UP_REC_ENV_061
Recommended Action	Add the entry "localhost" to the "/etc/hosts" with a valid IP address and ensure that it is pingable.
Automation Status	Automated
Release Date	8/21/09

INSTALLATION**UP_CHK_INS_002**

Check if "ProcessManager" Service has started

Table 418 UP_CHK_INS_002 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_002
Command	\$JBOSS_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD status grep "ProcessManagerService"
Recommended Action ID	UP_REC_INS_002

Table 418 UP_CHK_INS_002 details

Name	Value/Description
Recommended Action	Check the "wrapper.log" or "ProcessManagerService.log" in "\$JBOSS_HOME/log" for any errors
Automation Status	Automated
Release Date	8/18/09

PLATFORM

UP_CHK_PLF_002

Check if the filesystem that will contain JBOSS_HOME directory, has sufficient space for installation

Table 419 UP_CHK_PLF_002 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_002
Command	df -g <jboss_parent_directory> grep -v Filesystem awk '{print \$3}' tail -1
Recommended Action ID	UP_REC_PLF_002
Recommended Action	Free at least 1GB of memory space in the filesystem that will contain "JBOSS_HOME" directory
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_001

Check if NTP is running and correctly synced with the External Time Server

Table 420 UP_CHK_PLF_001 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_001

Table 420 UP_CHK_PLF_001 details

Name	Value/Description
Command	ntpq -p Check the "delay" field in the row marked with * in the "remote" column. If the delay is "0", then machine time is in sync with the external server.
Recommended Action ID	UP_REC_PLF_001
Recommended Action	Start that the NTP service if it is not already running and ensure that it is synchronised with the external server.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_003

Check if there is sufficient physical memory available on the device

Table 421 UP_CHK_PLF_003 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_003
Command	free -m grep -i "mem" awk '{print \$2}'
Recommended Action ID	UP_REC_PLF_003
Recommended Action	Ensure that the device has sufficient physical memory (as indicated by the check)
Automation Status	Automated
Release Date	8/18/09

PMS**UP_CHK_PMS_005**

Check if "process.start.disable" (corresponding to flag "enable_process_start") is set to false in \${jboss.home.dir}/conf/process.properties

Table 422 UP_CHK_PMS_005 details

Name	Value/Description
Application	UPA

Table 422 UP_CHK_PMS_005 details

Name	Value/Description
Category	PMS
Validation Check Identifier	UP_CHK_PMS_005
Command	grep -w '^process.start.disable' \$JBOSS_HOME/conf/process.properties
Recommended Action ID	UP_REC_PMS_005
Recommended Action	This flag is set to "TRUE" when Unified Platform is installed. This is done so that the processes are started in a pre-defined order using Process Orchestration. To start processes manually, this flag needs to be set to "FALSE" (if using MSHELL using the command "enable_process_start") or it is done automatically is done through the GUI.
Automation Status	Automated
Release Date	9/15/09

PRE-REQUISITE

UP_CHK_REQ_001

Check if pre-requisite "Term::Size" Perl module is installed

Table 423 UP_CHK_REQ_001 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_001
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -Tlw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/Size.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look for the Perl module "Term/Size.pm" in the output
Recommended Action ID	UP_REC_REQ_001

Table 423 UP_CHK_REQ_001 details

Name	Value/Description
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_002

Check if pre-requisite "Term::ReadLine::Gnu" Perl module is installed

Table 424 UP_CHK_REQ_002 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_002
Command	<pre>Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\.pm\\\.z/ };no_chdir => 1 }, \\@INC' grep -w Term/ReadLine/Gnu.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadLine/Gnu.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_002
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_003

Check if pre-requisite "Text::Shellwords" Perl module is installed

Table 425 UP_CHK_REQ_003 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_003

Table 425 UP_CHK_REQ_003 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Text/Shellwords.pm`; chomp(\\\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Text/Shellwords.pm" in the output
Recommended Action ID	UP_REC_REQ_003
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_004

Check if pre-requisite "Term::ReadKey" Perl module is installed

Table 426 UP_CHK_REQ_004 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_004
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadKey.pm`; chomp(\\\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadKey.pm" in the output
Recommended Action ID	UP_REC_REQ_004
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated

Table 426 UP_CHK_REQ_004 details

Name	Value/Description
Release Date	8/18/09

UP_CHK_REQ_005

Check if pre-requisite "File::Remote" Perl module is installed

Table 427 UP_CHK_REQ_005 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_005
Command	<pre>Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\.pm\\\\\\\\z/ };no_chdir => 1 }, \\@INC' grep -w File/Remote.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "TFile/Remote.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_005
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_006

Check if pre-requisite "Tie::File" Perl module is installed

Table 428 UP_CHK_REQ_006 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_006

Table 428 UP_CHK_REQ_006 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -Tlw -e 'find { wanted => sub { print canonpath \\\$ _ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Tie/File.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Tie/File.pm" in the output
Recommended Action ID	UP_REC_REQ_006
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_007

Check if pre-requisite "readline" Perl module is installed

Table 429 UP_CHK_REQ_007 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_007
Command	rpm -qa grep -w \$rpm_name grep -v "readline"
Recommended Action ID	UP_REC_REQ_007
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_008

Check if pre-requisite "readline-devel" Perl module is installed

Table 430 UP_CHK_REQ_008 details

Name	Value/Description
Application	UPA

Table 430 UP_CHK_REQ_008 details

Name	Value/Description
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_008
Command	rpm -qa grep -w "readline-devel"
Recommended Action ID	UP_REC_REQ_008
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_009

Check if pre-requisite RPM "expect-5" is installed

Table 431 UP_CHK_REQ_009 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_009
Command	rpm -qa grep -w "expect-5"
Recommended Action ID	UP_REC_REQ_009
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_010

Check if pre-requisite RPM "tcsh" is installed

Table 432 UP_CHK_REQ_010 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_010
Command	rpm -qa grep -w "tcsh"
Recommended Action ID	UP_REC_REQ_010

Table 432 UP_CHK_REQ_010 details

Name	Value/Description
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_011

Check if pre-requisite RPM "tcl" is installed

Table 433 UP_CHK_REQ_011 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_011
Command	rpm -qa grep -w "tcl"
Recommended Action ID	UP_REC_REQ_011
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

RHT-ADMIN System Checks

UPA

ENVIRONMENT

UP_CHK_ENV_001

Check if "JBOSS_HOME" exists in root profile

Table 434 UP_CHK_ENV_001 details

Name	Value/Description
Application	UPA

Table 434 UP_CHK_ENV_001 details

Name	Value/Description
Category	Environment
Validation Check Identifier	UP_CHK_ENV_001
Command	echo \$JBOSS_HOME
Recommended Action ID	UP_REC_ENV_001
Recommended Action	Set the environment variable JBOSS_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_002

Check if "JAVA_HOME" exists in root profile

Table 435 UP_CHK_ENV_002 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_002
Command	echo \$JAVA_HOME
Recommended Action ID	UP_REC_ENV_002
Recommended Action	Set the environment variable JAVA_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_003

Check if "ANT_HOME" exists in root profile

Table 436 UP_CHK_ENV_003 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_003
Command	echo \$ANT_HOME
Recommended Action ID	UP_REC_ENV_003

Table 436 UP_CHK_ENV_003 details

Name	Value/Description
Recommended Action	Set the environment variable ORACLE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_004

Check if "PERL5LIB" exists in root profile

Table 437 UP_CHK_ENV_004 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_004
Command	echo \$PERL5LIB
Recommended Action ID	UP_REC_ENV_004
Recommended Action	Set the environment variable SCORE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_006

Check if "ORACLE_HOME" exists in root profile

Table 438 UP_CHK_ENV_006 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_006
Command	echo \$ORACLE_HOME
Recommended Action ID	UP_REC_ENV_006
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_007

Check if "LD_LIBRARY_PATH" exists in root profile

Table 439 UP_CHK_ENV_007 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_007
Command	echo \$LD_LIBRARY_PATH
Recommended Action ID	UP_REC_ENV_007
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_008

Check if "CBS_BATCH_INSTALLDIR" in "apiuser" profile exists

Table 440 UP_CHK_ENV_008 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_008
Command	su - apiuser -c 'bash -c "echo \$CBS_BATCH_INSTALLDIR"'
Recommended Action ID	UP_REC_ENV_008
Recommended Action	Set the environment variable CBS_BATCH_INSTALLDIR in the "cbsuser" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_009

Check if "CBS_WORKFLOW_SERVER_INSTALLDIR" in "workflow" profile exists

Table 441 UP_CHK_ENV_009 details

Name	Value/Description
Application	UPA
Category	Environment

Table 441 UP_CHK_ENV_009 details

Name	Value/Description
Validation Check Identifier	UP_CHK_ENV_009
Command	su - workflow -c 'bash -c "echo \$CBS_WORKFLOW_SERVER_INSTALLDIR"'
Recommended Action ID	UP_REC_ENV_009
Recommended Action	Set the environment variable CBS_WORKFLOW_SERVER_INSTALLDIR in the "workflow" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_016

Check if "ANT" executable is defined on the PATH

Table 442 UP_CHK_ENV_016 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_016
Command	ant -version
Recommended Action ID	UP_REC_ENV_016
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_017

Check if "JAVA" executable is defined on the PATH

Table 443 UP_CHK_ENV_017 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_017
Command	java -help
Recommended Action ID	UP_REC_ENV_017

Table 443 UP_CHK_ENV_017 details

Name	Value/Description
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_061

Check if the "localhost" entry is defined in "/etc/hosts" and is pingable

Table 444 UP_CHK_ENV_061 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_061
Command	ping localhost
Recommended Action ID	UP_REC_ENV_061
Recommended Action	Add the entry "localhost" to the "/etc/hosts" with a valid IP address and ensure that it is pingable.
Automation Status	Automated
Release Date	8/21/09

INSTALLATION**UP_CHK_INS_002**

Check if "ProcessManager" Service has started

Table 445 UP_CHK_INS_002 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_002
Command	\$JBOSS_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD status grep "ProcessManagerService"
Recommended Action ID	UP_REC_INS_002

Table 445 UP_CHK_INS_002 details

Name	Value/Description
Recommended Action	Check the "wrapper.log" or "ProcessManagerService.log" in "\$JBOSS_HOME/log" for any errors
Automation Status	Automated
Release Date	8/18/09

PLATFORM

UP_CHK_PLF_002

Check if the filesystem that will contain JBOSS_HOME directory, has sufficient space for installation

Table 446 UP_CHK_PLF_002 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_002
Command	df -g <jboss_parent_directory> grep -v Filesystem awk '{print \$3}' tail -1
Recommended Action ID	UP_REC_PLF_002
Recommended Action	Free at least 1GB of memory space in the filesystem that will contain "JBOSS_HOME" directory
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_001

Check if NTP is running and correctly synced with the External Time Server

Table 447 UP_CHK_PLF_001 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_001

Table 447 UP_CHK_PLF_001 details

Name	Value/Description
Command	ntpq -p Check the "delay" field in the row marked with * in the "remote" column. If the delay is "0", then machine time is in sync with the external server.
Recommended Action ID	UP_REC_PLF_001
Recommended Action	Start that the NTP service if it is not already running and ensure that it is synchronised with the external server.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_003

Check if there is sufficient physical memory available on the device

Table 448 UP_CHK_PLF_003 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_003
Command	free -m grep -i "mem" awk '{print \$2}'
Recommended Action ID	UP_REC_PLF_003
Recommended Action	Ensure that the device has sufficient physical memory (as indicated by the check)
Automation Status	Automated
Release Date	8/18/09

PMS**UP_CHK_PMS_005**

Check if "process.start.disable" (corresponding to flag "enable_process_start") is set to false in \${jboss.home.dir}/conf/process.properties

Table 449 UP_CHK_PMS_005 details

Name	Value/Description
Application	UPA

Table 449 UP_CHK_PMS_005 details

Name	Value/Description
Category	PMS
Validation Check Identifier	UP_CHK_PMS_005
Command	grep -w '^process.start.disable' \$JBOSS_HOME/conf/process.properties
Recommended Action ID	UP_REC_PMS_005
Recommended Action	This flag is set to "TRUE" when Unified Platform is installed. This is done so that the processes are started in a pre-defined order using Process Orchestration. To start processes manually, this flag needs to be set to "FALSE" (if using MSHELL using the command "enable_process_start") or it is done automatically is done through the GUI.
Automation Status	Automated
Release Date	9/15/09

PRE-REQUISITE

UP_CHK_REQ_001

Check if pre-requisite "Term::Size" Perl module is installed

Table 450 UP_CHK_REQ_001 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_001
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/Size.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look for the Perl module "Term/Size.pm" in the output
Recommended Action ID	UP_REC_REQ_001

Table 450 UP_CHK_REQ_001 details

Name	Value/Description
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_002

Check if pre-requisite "Term::ReadLine::Gnu" Perl module is installed

Table 451 UP_CHK_REQ_002 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_002
Command	<pre>Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\.pm\\\.z/ };no_chdir => 1 }, \\@INC' grep -w Term/ReadLine/Gnu.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadLine/Gnu.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_002
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_003

Check if pre-requisite "Text::Shellwords" Perl module is installed

Table 452 UP_CHK_REQ_003 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_003

Table 452 UP_CHK_REQ_003 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Text/Shellwords.pm`; chomp(\\\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Text/Shellwords.pm" in the output
Recommended Action ID	UP_REC_REQ_003
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_004

Check if pre-requisite "Term::ReadKey" Perl module is installed

Table 453 UP_CHK_REQ_004 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_004
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadKey.pm`; chomp(\\\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadKey.pm" in the output
Recommended Action ID	UP_REC_REQ_004
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated

Table 453 UP_CHK_REQ_004 details

Name	Value/Description
Release Date	8/18/09

UP_CHK_REQ_005

Check if pre-requisite "File::Remote" Perl module is installed

Table 454 UP_CHK_REQ_005 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_005
Command	<pre>Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\\$_ if /\\\.pm\\\\z/ };no_chdir => 1 }, \\\@INC' grep -w File/Remote.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "TFile/Remote.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_005
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_006

Check if pre-requisite "Tie::File" Perl module is installed

Table 455 UP_CHK_REQ_006 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_006

Table 455 UP_CHK_REQ_006 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -Tlw -e 'find { wanted => sub { print canonpath \\\$ _ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Tie/File.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Tie/File.pm" in the output
Recommended Action ID	UP_REC_REQ_006
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_007

Check if pre-requisite "readline" Perl module is installed

Table 456 UP_CHK_REQ_007 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_007
Command	rpm -qa grep -w \$rpm_name grep -v "readline"
Recommended Action ID	UP_REC_REQ_007
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_008

Check if pre-requisite "readline-devel" Perl module is installed

Table 457 UP_CHK_REQ_008 details

Name	Value/Description
Application	UPA

Table 457 UP_CHK_REQ_008 details

Name	Value/Description
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_008
Command	rpm -qa grep -w "readline-devel"
Recommended Action ID	UP_REC_REQ_008
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_009

Check if pre-requisite RPM "expect-5" is installed

Table 458 UP_CHK_REQ_009 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_009
Command	rpm -qa grep -w "expect-5"
Recommended Action ID	UP_REC_REQ_009
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_010

Check if pre-requisite RPM "tcsh" is installed

Table 459 UP_CHK_REQ_010 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_010
Command	rpm -qa grep -w "tcsh"
Recommended Action ID	UP_REC_REQ_010

Table 459 UP_CHK_REQ_010 details

Name	Value/Description
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_011

Check if pre-requisite RPM "tcl" is installed

Table 460 UP_CHK_REQ_011 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_011
Command	rpm -qa grep -w "tcl"
Recommended Action ID	UP_REC_REQ_011
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

SAPI System Checks

UPA

ENVIRONMENT

UP_CHK_ENV_001

Check if "JBOSS_HOME" exists in root profile

Table 461 UP_CHK_ENV_001 details

Name	Value/Description
Application	UPA

Table 461 UP_CHK_ENV_001 details

Name	Value/Description
Category	Environment
Validation Check Identifier	UP_CHK_ENV_001
Command	echo \$JBOSS_HOME
Recommended Action ID	UP_REC_ENV_001
Recommended Action	Set the environment variable JBOSS_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_002

Check if "JAVA_HOME" exists in root profile

Table 462 UP_CHK_ENV_002 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_002
Command	echo \$JAVA_HOME
Recommended Action ID	UP_REC_ENV_002
Recommended Action	Set the environment variable JAVA_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_003

Check if "ANT_HOME" exists in root profile

Table 463 UP_CHK_ENV_003 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_003
Command	echo \$ANT_HOME
Recommended Action ID	UP_REC_ENV_003

Table 463 UP_CHK_ENV_003 details

Name	Value/Description
Recommended Action	Set the environment variable ORACLE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_004

Check if "PERL5LIB" exists in root profile

Table 464 UP_CHK_ENV_004 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_004
Command	echo \$PERL5LIB
Recommended Action ID	UP_REC_ENV_004
Recommended Action	Set the environment variable SCORE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_006

Check if "ORACLE_HOME" exists in root profile

Table 465 UP_CHK_ENV_006 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_006
Command	echo \$ORACLE_HOME
Recommended Action ID	UP_REC_ENV_006
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_007

Check if "LD_LIBRARY_PATH" exists in root profile

Table 466 UP_CHK_ENV_007 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_007
Command	echo \$LD_LIBRARY_PATH
Recommended Action ID	UP_REC_ENV_007
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_010

Check if "CBS_SAPI_SERVER_INSTALLDIR" in "apiuser" profile exists

Table 467 UP_CHK_ENV_010 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_010
Command	su - apiuser -c 'bash -c "echo \$CBS_SAPI_SERVER_INSTALLDIR"'
Recommended Action ID	UP_REC_ENV_010
Recommended Action	Set the environment variable CBS_SAPI_SERVER_INSTALLDIR in the "apiuser" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_016

Check if "ANT" executable is defined on the PATH

Table 468 UP_CHK_ENV_016 details

Name	Value/Description
Application	UPA
Category	Environment

Table 468 UP_CHK_ENV_016 details

Name	Value/Description
Validation Check Identifier	UP_CHK_ENV_016
Command	ant -version
Recommended Action ID	UP_REC_ENV_016
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_017

Check if "JAVA" executable is defined on the PATH

Table 469 UP_CHK_ENV_017 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_017
Command	java -help
Recommended Action ID	UP_REC_ENV_017
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_061

Check if the "localhost" entry is defined in "/etc/hosts" and is pingable

Table 470 UP_CHK_ENV_061 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_061
Command	ping localhost
Recommended Action ID	UP_REC_ENV_061
Recommended Action	Add the entry "localhost" to the "/etc/hosts" with a valid IP address and ensure that it is pingable.

Table 470 UP_CHK_ENV_061 details

Name	Value/Description
Automation Status	Automated
Release Date	8/21/09

UP_CHK_ENV_014

Check if "JAVA_HOME" is set to 1.6 in "apiuser" profile and to 1.5 in "root" profile

Table 471 UP_CHK_ENV_014 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_014
Command	echo \$JAVA_HOME su - apiuser -c 'bash -c "echo \$JAVA_HOME"'
Recommended Action ID	UP_REC_ENV_014
Recommended Action	Set the variable JAVA_HOME to JDK 1.6 in "apiuser" profile and to 1.5 in "root" profile
Automation Status	Automated
Release Date	8/18/09

INSTALLATION**UP_CHK_INS_002**

Check if "ProcessManager" Service has started

Table 472 UP_CHK_INS_002 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_002
Command	\$JBOSS_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD status grep "ProcessManagerService"
Recommended Action ID	UP_REC_INS_002

Table 472 UP_CHK_INS_002 details

Name	Value/Description
Recommended Action	Check the "wrapper.log" or "ProcessManagerService.log" in "\$JBOSS_HOME/log" for any errors
Automation Status	Automated
Release Date	8/18/09

PLATFORM

UP_CHK_PLF_002

Check if the filesystem that will contain JBOSS_HOME directory, has sufficient space for installation

Table 473 UP_CHK_PLF_002 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_002
Command	df -g <jboss_parent_directory> grep -v Filesystem awk '{print \$3}' tail -1
Recommended Action ID	UP_REC_PLF_002
Recommended Action	Free at least 1GB of memory space in the filesystem that will contain "JBOSS_HOME" directory
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_001

Check if NTP is running and correctly synced with the External Time Server

Table 474 UP_CHK_PLF_001 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_001

Table 474 UP_CHK_PLF_001 details

Name	Value/Description
Command	ntpq -p Check the "delay" field in the row marked with * in the "remote" column. If the delay is "0", then machine time is in sync with the external server.
Recommended Action ID	UP_REC_PLF_001
Recommended Action	Start that the NTP service if it is not already running and ensure that it is synchronised with the external server.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_003

Check if there is sufficient physical memory available on the device

Table 475 UP_CHK_PLF_003 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_003
Command	free -m grep -i "mem" awk '{print \$2}'
Recommended Action ID	UP_REC_PLF_003
Recommended Action	Ensure that the device has sufficient physical memory (as indicated by the check)
Automation Status	Automated
Release Date	8/18/09

PMS**UP_CHK_PMS_005**

Check if "process.start.disable" (corresponding to flag "enable_process_start") is set to false in \${jboss.home.dir}/conf/process.properties

Table 476 UP_CHK_PMS_005 details

Name	Value/Description
Application	UPA

Table 476 UP_CHK_PMS_005 details

Name	Value/Description
Category	PMS
Validation Check Identifier	UP_CHK_PMS_005
Command	grep -w '^process.start.disable' \$JBOSS_HOME/conf/process.properties
Recommended Action ID	UP_REC_PMS_005
Recommended Action	This flag is set to "TRUE" when Unified Platform is installed. This is done so that the processes are started in a pre-defined order using Process Orchestration. To start processes manually, this flag needs to be set to "FALSE" (if using MSHELL using the command "enable_process_start") or it is done automatically is done through the GUI.
Automation Status	Automated
Release Date	9/15/09

PRE-REQUISITE

UP_CHK_REQ_001

Check if pre-requisite "Term::Size" Perl module is installed

Table 477 UP_CHK_REQ_001 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_001
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/Size.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look for the Perl module "Term/Size.pm" in the output
Recommended Action ID	UP_REC_REQ_001

Table 477 UP_CHK_REQ_001 details

Name	Value/Description
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_002

Check if pre-requisite "Term::ReadLine::Gnu" Perl module is installed

Table 478 UP_CHK_REQ_002 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_002
Command	<pre>Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\.pm\\\.z/ };no_chdir => 1 }, \\@INC' grep -w Term/ReadLine/Gnu.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadLine/Gnu.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_002
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_003

Check if pre-requisite "Text::Shellwords" Perl module is installed

Table 479 UP_CHK_REQ_003 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_003

Table 479 UP_CHK_REQ_003 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Text/Shellwords.pm`; chomp(\\\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Text/Shellwords.pm" in the output
Recommended Action ID	UP_REC_REQ_003
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_004

Check if pre-requisite "Term::ReadKey" Perl module is installed

Table 480 UP_CHK_REQ_004 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_004
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadKey.pm`; chomp(\\\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadKey.pm" in the output
Recommended Action ID	UP_REC_REQ_004
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated

Table 480 UP_CHK_REQ_004 details

Name	Value/Description
Release Date	8/18/09

UP_CHK_REQ_005

Check if pre-requisite "File::Remote" Perl module is installed

Table 481 UP_CHK_REQ_005 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_005
Command	<pre>Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\.pm\\\\\\\\z/ };no_chdir => 1 }, \\@INC' grep -w File/Remote.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "TFile/Remote.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_005
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_006

Check if pre-requisite "Tie::File" Perl module is installed

Table 482 UP_CHK_REQ_006 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_006

Table 482 UP_CHK_REQ_006 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -Tlw -e 'find { wanted => sub { print canonpath \\\$ _ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Tie/File.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Tie/File.pm" in the output
Recommended Action ID	UP_REC_REQ_006
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_007

Check if pre-requisite "readline" Perl module is installed

Table 483 UP_CHK_REQ_007 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_007
Command	rpm -qa grep -w \$rpm_name grep -v "readline"
Recommended Action ID	UP_REC_REQ_007
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_008

Check if pre-requisite "readline-devel" Perl module is installed

Table 484 UP_CHK_REQ_008 details

Name	Value/Description
Application	UPA

Table 484 UP_CHK_REQ_008 details

Name	Value/Description
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_008
Command	rpm -qa grep -w "readline-devel"
Recommended Action ID	UP_REC_REQ_008
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_009

Check if pre-requisite RPM "expect-5" is installed

Table 485 UP_CHK_REQ_009 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_009
Command	rpm -qa grep -w "expect-5"
Recommended Action ID	UP_REC_REQ_009
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_010

Check if pre-requisite RPM "tcsh" is installed

Table 486 UP_CHK_REQ_010 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_010
Command	rpm -qa grep -w "tcsh"
Recommended Action ID	UP_REC_REQ_010

Table 486 UP_CHK_REQ_010 details

Name	Value/Description
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_011

Check if pre-requisite RPM "tcl" is installed

Table 487 UP_CHK_REQ_011 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_011
Command	rpm -qa grep -w "tcl"
Recommended Action ID	UP_REC_REQ_011
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

SAPI-ADMIN System Checks

UPA

ENVIRONMENT

UP_CHK_ENV_001

Check if "JBOSS_HOME" exists in root profile

Table 488 UP_CHK_ENV_001 details

Name	Value/Description
Application	UPA

Table 488 UP_CHK_ENV_001 details

Name	Value/Description
Category	Environment
Validation Check Identifier	UP_CHK_ENV_001
Command	echo \$JBOSS_HOME
Recommended Action ID	UP_REC_ENV_001
Recommended Action	Set the environment variable JBOSS_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_002

Check if "JAVA_HOME" exists in root profile

Table 489 UP_CHK_ENV_002 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_002
Command	echo \$JAVA_HOME
Recommended Action ID	UP_REC_ENV_002
Recommended Action	Set the environment variable JAVA_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_003

Check if "ANT_HOME" exists in root profile

Table 490 UP_CHK_ENV_003 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_003
Command	echo \$ANT_HOME
Recommended Action ID	UP_REC_ENV_003

Table 490 UP_CHK_ENV_003 details

Name	Value/Description
Recommended Action	Set the environment variable ORACLE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_004

Check if "PERL5LIB" exists in root profile

Table 491 UP_CHK_ENV_004 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_004
Command	echo \$PERL5LIB
Recommended Action ID	UP_REC_ENV_004
Recommended Action	Set the environment variable SCORE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_006

Check if "ORACLE_HOME" exists in root profile

Table 492 UP_CHK_ENV_006 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_006
Command	echo \$ORACLE_HOME
Recommended Action ID	UP_REC_ENV_006
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_007

Check if "LD_LIBRARY_PATH" exists in root profile

Table 493 UP_CHK_ENV_007 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_007
Command	echo \$LD_LIBRARY_PATH
Recommended Action ID	UP_REC_ENV_007
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_010

Check if "CBS_SAPI_SERVER_INSTALLDIR" in "apiuser" profile exists

Table 494 UP_CHK_ENV_010 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_010
Command	su - apiuser -c 'bash -c "echo \$CBS_SAPI_SERVER_INSTALLDIR"'
Recommended Action ID	UP_REC_ENV_010
Recommended Action	Set the environment variable CBS_SAPI_SERVER_INSTALLDIR in the "apiuser" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_016

Check if "ANT" executable is defined on the PATH

Table 495 UP_CHK_ENV_016 details

Name	Value/Description
Application	UPA
Category	Environment

Table 495 UP_CHK_ENV_016 details

Name	Value/Description
Validation Check Identifier	UP_CHK_ENV_016
Command	ant -version
Recommended Action ID	UP_REC_ENV_016
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_017

Check if "JAVA" executable is defined on the PATH

Table 496 UP_CHK_ENV_017 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_017
Command	java -help
Recommended Action ID	UP_REC_ENV_017
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_061

Check if the "localhost" entry is defined in "/etc/hosts" and is pingable

Table 497 UP_CHK_ENV_061 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_061
Command	ping localhost
Recommended Action ID	UP_REC_ENV_061
Recommended Action	Add the entry "localhost" to the "/etc/hosts" with a valid IP address and ensure that it is pingable.

Table 497 UP_CHK_ENV_061 details

Name	Value/Description
Automation Status	Automated
Release Date	8/21/09

UP_CHK_ENV_014

Check if "JAVA_HOME" is set to 1.6 in "apiuser" profile and to 1.5 in "root" profile

Table 498 UP_CHK_ENV_014 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_014
Command	echo \$JAVA_HOME su - apiuser -c 'bash -c "echo \$JAVA_HOME"'
Recommended Action ID	UP_REC_ENV_014
Recommended Action	Set the variable JAVA_HOME to JDK 1.6 in "apiuser" profile and to 1.5 in "root" profile
Automation Status	Automated
Release Date	8/18/09

INSTALLATION**UP_CHK_INS_002**

Check if "ProcessManager" Service has started

Table 499 UP_CHK_INS_002 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_002
Command	\$JBOSS_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD status grep "ProcessManagerService"
Recommended Action ID	UP_REC_INS_002

Table 499 UP_CHK_INS_002 details

Name	Value/Description
Recommended Action	Check the "wrapper.log" or "ProcessManagerService.log" in "\$JBoss_HOME/log" for any errors
Automation Status	Automated
Release Date	8/18/09

PLATFORM

UP_CHK_PLF_002

Check if the filesystem that will contain JBoss_HOME directory, has sufficient space for installation

Table 500 UP_CHK_PLF_002 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_002
Command	df -g <jboss_parent_directory> grep -v Filesystem awk '{print \$3}' tail -1
Recommended Action ID	UP_REC_PLF_002
Recommended Action	Free at least 1GB of memory space in the filesystem that will contain "JBoss_HOME" directory
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_001

Check if NTP is running and correctly synced with the External Time Server

Table 501 UP_CHK_PLF_001 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_001

Table 501 UP_CHK_PLF_001 details

Name	Value/Description
Command	ntpq -p Check the "delay" field in the row marked with * in the "remote" column. If the delay is "0", then machine time is in sync with the external server.
Recommended Action ID	UP_REC_PLF_001
Recommended Action	Start that the NTP service if it is not already running and ensure that it is synchronised with the external server.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_003

Check if there is sufficient physical memory available on the device

Table 502 UP_CHK_PLF_003 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_003
Command	free -m grep -i "mem" awk '{print \$2}'
Recommended Action ID	UP_REC_PLF_003
Recommended Action	Ensure that the device has sufficient physical memory (as indicated by the check)
Automation Status	Automated
Release Date	8/18/09

PMS**UP_CHK_PMS_005**

Check if "process.start.disable" (corresponding to flag "enable_process_start") is set to false in \${jboss.home.dir}/conf/process.properties

Table 503 UP_CHK_PMS_005 details

Name	Value/Description
Application	UPA

Table 503 UP_CHK_PMS_005 details

Name	Value/Description
Category	PMS
Validation Check Identifier	UP_CHK_PMS_005
Command	grep -w '^process.start.disable' \$JBOSS_HOME/conf/process.properties
Recommended Action ID	UP_REC_PMS_005
Recommended Action	This flag is set to "TRUE" when Unified Platform is installed. This is done so that the processes are started in a pre-defined order using Process Orchestration. To start processes manually, this flag needs to be set to "FALSE" (if using MSHELL using the command "enable_process_start") or it is done automatically is done through the GUI.
Automation Status	Automated
Release Date	9/15/09

PRE-REQUISITE

UP_CHK_REQ_001

Check if pre-requisite "Term::Size" Perl module is installed

Table 504 UP_CHK_REQ_001 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_001
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/Size.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look for the Perl module "Term/Size.pm" in the output
Recommended Action ID	UP_REC_REQ_001

Table 504 UP_CHK_REQ_001 details

Name	Value/Description
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_002

Check if pre-requisite "Term::ReadLine::Gnu" Perl module is installed

Table 505 UP_CHK_REQ_002 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_002
Command	<pre>Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\.pm\\\.z/ };no_chdir => 1 }, \\@INC' grep -w Term/ReadLine/Gnu.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadLine/Gnu.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_002
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_003

Check if pre-requisite "Text::Shellwords" Perl module is installed

Table 506 UP_CHK_REQ_003 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_003

Table 506 UP_CHK_REQ_003 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Text/Shellwords.pm`; chomp(\\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Text/Shellwords.pm" in the output
Recommended Action ID	UP_REC_REQ_003
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_004

Check if pre-requisite "Term::ReadKey" Perl module is installed

Table 507 UP_CHK_REQ_004 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_004
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadKey.pm`; chomp(\\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadKey.pm" in the output
Recommended Action ID	UP_REC_REQ_004
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated

Table 507 UP_CHK_REQ_004 details

Name	Value/Description
Release Date	8/18/09

UP_CHK_REQ_005

Check if pre-requisite "File::Remote" Perl module is installed

Table 508 UP_CHK_REQ_005 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_005
Command	<pre>Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\.pm\\\\\\\\z/ };no_chdir => 1 }, \\@INC' grep -w File/Remote.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "TFile/Remote.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_005
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_006

Check if pre-requisite "Tie::File" Perl module is installed

Table 509 UP_CHK_REQ_006 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_006

Table 509 UP_CHK_REQ_006 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -Tlw -e 'find { wanted => sub { print canonpath \\\$ _ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Tie/File.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Tie/File.pm" in the output
Recommended Action ID	UP_REC_REQ_006
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_007

Check if pre-requisite "readline" Perl module is installed

Table 510 UP_CHK_REQ_007 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_007
Command	rpm -qa grep -w \$rpm_name grep -v "readline"
Recommended Action ID	UP_REC_REQ_007
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_008

Check if pre-requisite "readline-devel" Perl module is installed

Table 511 UP_CHK_REQ_008 details

Name	Value/Description
Application	UPA

Table 511 UP_CHK_REQ_008 details

Name	Value/Description
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_008
Command	rpm -qa grep -w "readline-devel"
Recommended Action ID	UP_REC_REQ_008
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_009

Check if pre-requisite RPM "expect-5" is installed

Table 512 UP_CHK_REQ_009 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_009
Command	rpm -qa grep -w "expect-5"
Recommended Action ID	UP_REC_REQ_009
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_010

Check if pre-requisite RPM "tcsh" is installed

Table 513 UP_CHK_REQ_010 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_010
Command	rpm -qa grep -w "tcsh"
Recommended Action ID	UP_REC_REQ_010

Table 513 UP_CHK_REQ_010 details

Name	Value/Description
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_011

Check if pre-requisite RPM "tcl" is installed

Table 514 UP_CHK_REQ_011 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_011
Command	rpm -qa grep -w "tcl"
Recommended Action ID	UP_REC_REQ_011
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

SDP System Checks

UPA

CLUSTER

UP_CHK_CLS_001

Check if the Cluster Services are correctly configured

Table 515 UP_CHK_CLS_001 details

Name	Value/Description
Application	UPA

Table 515 UP_CHK_CLS_001 details

Name	Value/Description
Category	Cluster
Validation Check Identifier	UP_CHK_CLS_001
Command	cldump
Recommended Action ID	UP_REC_CLS_001
Recommended Action	Ensure that the Cluster services are correctly running.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_CLS_002

Check if the Cluster Resource Groups are ONLINE and correctly configured

Table 516 UP_CHK_CLS_002 details

Name	Value/Description
Application	UPA
Category	Cluster
Validation Check Identifier	UP_CHK_CLS_002
Command	clRGinfo -c Check if any one of resource groups "Database_RG","App_RG","FX_APP_RG" or "FX_DB_RG" is online
Recommended Action ID	UP_REC_CLS_002
Recommended Action	Ensure that at least one Cluster Resource Group is ONLINE.
Automation Status	Automated
Release Date	6/24/09

DATABASE**UP_CHK_DBS_001**

Check if the Oracle Listener is up and running

Table 517 UP_CHK_DBS_001 details

Name	Value/Description
Application	UPA

Table 517 UP_CHK_DBS_001 details

Name	Value/Description
Category	Database
Validation Check Identifier	UP_CHK_DBS_001
Command	Create a file by name "shellQuery" with permissions 755 and having the following contents: #!/bin/sh su - oracle8 -c "lsnrctl status;" Execute the file and check if the output indicates that the listener is up.
Recommended Action ID	UP_REC_DBS_001
Recommended Action	Check if the listeners are up using the following sequence of commands: su - oracle8 cd /oralce/oracle8/dba ./listener_start_stop status If the status is not running, then bring up the listeners using the following sequence of commands: su - oracle8 cd /oralce/oracle8/dba execute ./listener_start_stop start all
Automation Status	Automated
Release Date	6/24/09

UP_CHK_DBS_009

Check if the \${jboss.home.dir}/bin/showNodeInstance script outputs the database instance name correctly

Table 518 UP_CHK_DBS_009 details

Name	Value/Description
Application	UPA
Category	Database
Validation Check Identifier	UP_CHK_DBS_009
Command	perl \$JBOSS_HOME/bin/showNodeInstance The script must not execute with any errors or output "UNKNOWN"
Recommended Action ID	UP_REC_DBS_009
Recommended Action	The "showNodeInstance" script in "\$JBOSS_HOME/bin/" should return the node name. Please check if node name is configured correctly and it should not return "UNKNOWN" or any failures due to permissions,etc.
Automation Status	Automated
Release Date	8/18/09

ENVIRONMENT

UP_CHK_ENV_001

Check if "JBOSS_HOME" exists in root profile

Table 519 UP_CHK_ENV_001 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_001
Command	echo \$JBOSS_HOME
Recommended Action ID	UP_REC_ENV_001
Recommended Action	Set the environment variable JBOSS_HOME in the "root" profile
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_002

Check if "JAVA_HOME" exists in root profile

Table 520 UP_CHK_ENV_002 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_002
Command	echo \$JAVA_HOME
Recommended Action ID	UP_REC_ENV_002
Recommended Action	Set the environment variable JAVA_HOME in the "root" profile
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_003

Check if "ANT_HOME" exists in root profile

Table 521 UP_CHK_ENV_003 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_003
Command	echo \$ANT_HOME
Recommended Action ID	UP_REC_ENV_003
Recommended Action	Set the environment variable ORACLE_HOME in the "root" profile
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_004

Check if "PERL5LIB" exists in root profile

Table 522 UP_CHK_ENV_004 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_004
Command	echo \$PERL5LIB
Recommended Action ID	UP_REC_ENV_004
Recommended Action	Set the environment variable SCORE_HOME in the "root" profile
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_005

Check if "SCORE_HOME" exists in root profile

Table 523 UP_CHK_ENV_005 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_005
Command	echo \$SCORE_HOME

Table 523 UP_CHK_ENV_005 details

Name	Value/Description
Recommended Action ID	UP_REC_ENV_005
Recommended Action	Set the environment variable ANT_HOME in the "root" profile
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_047

Check if variable "CLSTR_DB_RG" is set correctly

Table 524 UP_CHK_ENV_047 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_047
Command	echo \$CLSTR_DB_RG
Recommended Action ID	UP_REC_ENV_047
Recommended Action	Check whether the variable "CLSTR_DB_RG" is set in "root" profile. If not, then set "CLSTR_DB_RG=DATABASE_RG" or "CLSTR_DB_RG=FX_DB_RG" (check clRGinfo command)
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_016

Check if "ANT" executable is defined on the PATH

Table 525 UP_CHK_ENV_016 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_016
Command	ant -version
Recommended Action ID	UP_REC_ENV_016
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated

Table 525 UP_CHK_ENV_016 details

Name	Value/Description
Release Date	6/24/09

UP_CHK_ENV_017

Check if "JAVA" executable is defined on the PATH

Table 526 UP_CHK_ENV_017 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_017
Command	java -help
Recommended Action ID	UP_REC_ENV_017
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_061

Check if the "localhost" entry is defined in "/etc/hosts" and is pingable

Table 527 UP_CHK_ENV_061 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_061
Command	ping localhost
Recommended Action ID	UP_REC_ENV_061
Recommended Action	Add the entry "localhost" to the "/etc/hosts" with a valid IP address and ensure that it is pingable.
Automation Status	Automated
Release Date	8/21/09

UP_CHK_ENV_018

Check if the "secserv" entry is defined in "/etc/hosts" and is pingable

Table 528 UP_CHK_ENV_018 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_018
Command	ping secserv
Recommended Action ID	UP_REC_ENV_018
Recommended Action	Add the entry "secserv" to file "/etc/hosts" with a valid IP address and ensure that it is pingable.
Automation Status	Automated
Release Date	6/30/09

UP_CHK_ENV_062

Check if /staging/billing/bin directory exists (i.e. check if the Rating package is installed)

Table 529 UP_CHK_ENV_062 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_062
Command	ls -l /staging/billing/ grep -w "bin"
Recommended Action ID	UP_REC_ENV_062
Recommended Action	Install the Rating package
Automation Status	Automated
Release Date	8/28/09

UP_CHK_ENV_022

Check if "/staging/billing/envSetting.env" file is present

Table 530 UP_CHK_ENV_022 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_022

Table 530 UP_CHK_ENV_022 details

Name	Value/Description
Command	Check if any one of these files is present (in the same order): 1) ls -l /staging/billing/envSetting.env 2) ls -l /staging/billing/envSetting.env.tcsh 3) ls -l /staging/billing/envSetting.env.ksh
Recommended Action ID	UP_REC_ENV_022
Recommended Action	Check if the billing package is installed. Then check if the required ENV file is available in "/staging/billing" directory. The ENV file can be "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh".
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_023

Check if "cbsuser" is the owner of "/staging/billing/envSetting.env" file or not

Table 531 UP_CHK_ENV_023 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_023
Command	ls -ltr /staging/ grep -w billing awk '{print \$3}'
Recommended Action ID	UP_REC_ENV_023
Recommended Action	Check if the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh" is installed with "cbsuser" as the owner.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_060

Check if the specified ".profile" file has any errors, echo statements

Table 532 UP_CHK_ENV_060 details

Name	Value/Description
Application	UPA
Category	Environment

Table 532 UP_CHK_ENV_060 details

Name	Value/Description
Validation Check Identifier	UP_CHK_ENV_060
Command	su - <user> -c ""
Recommended Action ID	UP_REC_ENV_060
Recommended Action	If the check is on UPM/Billing/SDP, then the user profile to check is "cbsuser"; else if the check is on Offrater, then the user profile to check is "sncpuser". For other nodes, there are specific users (check the XML configuration file). Check if the user's .profile file has any errors/echo statements/clear statements. If yes, then comment them and check again.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_024

Check if "/staging/billing/envSetting.env" file can be sourced properly using "cbsuser"

Table 533 UP_CHK_ENV_024 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_024
Command	su - \$envOwner -c 'ksh -c ". \$envFile"'
Recommended Action ID	UP_REC_ENV_024
Recommended Action	Ensure that the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh" can be sourced correctly without any errors or any output messages.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_021

Check if "/staging/billing" directory is installed with "cbsuser"

Table 534 UP_CHK_ENV_021 details

Name	Value/Description
Application	UPA
Category	Environment

Table 534 UP_CHK_ENV_021 details

Name	Value/Description
Validation Check Identifier	UP_CHK_ENV_021
Command	ls -ltr /staging/ grep -w billing awk '{print \$3}'
Recommended Action ID	UP_REC_ENV_021
Recommended Action	Install the "/staging/billing" directory with the owner as "cbsuser"
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_025

Check if variable "ARBOR_CATALOG_DATABASE" is set in "/staging/billing/envSetting.env"

Table 535 UP_CHK_ENV_025 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_025
Command	su - cbsuser -c 'ksh -c ". /staging/billing/envSetting.env;echo \$ARBOR_CATALOG_DATABASE"'
Recommended Action ID	UP_REC_ENV_025
Recommended Action	Set the variable "ARBOR_CATALOG_DATABASE" with a valid and non-null value in the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh"
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_026

Check if variable "ARBORDBU" is set in "/staging/billing/envSetting.env"

Table 536 UP_CHK_ENV_026 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_026
Command	su - cbsuser -c 'ksh -c ". /staging/billing/envSetting.env;echo \$ARBORDBU"'

Table 536 UP_CHK_ENV_026 details

Name	Value/Description
Recommended Action ID	UP_REC_ENV_026
Recommended Action	Set the variable "ARBORDBU" with a valid and non-null value in the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh"
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_027

Check if variable "ARBORDIR" is set in "/staging/billing/envSetting.env"

Table 537 UP_CHK_ENV_027 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_027
Command	su - cbsuser -c 'ksh -c ". /staging/billing/envSetting.env;echo \$ARBORDIR"'
Recommended Action ID	UP_REC_ENV_027
Recommended Action	Set the variable "ARBORDIR" with a valid and non-null value in the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh"
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_029

Check if variable "OAM_ENV_CONN_MA" is set to "TRUE" in "/staging/billing/envSetting.env"

Table 538 UP_CHK_ENV_029 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_029
Command	su - cbsuser -c 'ksh -c ". /staging/billing/envSetting.env;echo \$OAM_ENV_CONN_MA "'

Table 538 UP_CHK_ENV_029 details

Name	Value/Description
Recommended Action ID	UP_REC_ENV_029
Recommended Action	Set the variable "OAM_ENV_CONN_MA" with value as "TRUE" in the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh"
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_030

Check if variable "ISM_AGENT" is set to "22021" in "/staging/billing/envSetting.env"

Table 539 UP_CHK_ENV_030 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_030
Command	su - cbsuser -c 'ksh -c "/staging/billing/envSetting.env;echo \$ISM_AGENT"'
Recommended Action ID	UP_REC_ENV_030
Recommended Action	Set the variable "ISM_AGENT" with a value as "22021" in the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh"
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_031

Check if variable "ISM_AGENT_JAVA" is set to "22022" in "/staging/billing/envSetting.env"

Table 540 UP_CHK_ENV_031 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_031
Command	su - cbsuser -c 'ksh -c "/staging/billing/envSetting.env;echo \$ISM_AGENT_JAVA"'

Table 540 UP_CHK_ENV_031 details

Name	Value/Description
Recommended Action ID	UP_REC_ENV_031
Recommended Action	Set the variable "ISM_AGENT_JAVA" with a value as "22022" in the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh"
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_064

Check if the "ARBOR_CATALOG_DATABASE" database instance is up and running

Table 541 UP_CHK_ENV_064 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_064
Command	Create a file by name "shellQuery" with permissions 755 and having the following contents: #!/bin/sh su - oracle8 -c "tnsping <ARBOR_CATALOG_DATABASE_INSTANCE_NAME>"; Execute the file and check if the output indicates that the listener is up.
Recommended Action ID	UP_REC_ENV_064
Recommended Action	Check for the database instance entry in "tnsnames.ora file". If not present, then add the same to it.
Automation Status	Automated
Release Date	9/15/09

UP_CHK_ENV_040

Check if the server ids can be retrieved from the "ARBOR_CATALOG_DATABASE" database instance

Table 542 UP_CHK_ENV_040 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_040

Table 542 UP_CHK_ENV_040 details

Name	Value/Description
Command	Create a file by name "shellQuery" with permissions 755 and having the following contents: #!/bin/sh su - oracle8 -c "sqlplus -s cbs_owner/comverse@\$ARBOR_CATALOG_DATABASE <<EOSQL select DS_DATABASE, SERVER_ID from SERVER_DEFINITION;" (where, \$ARBOR_CATALOG_DATABASE contains the value of the Catalog database) Execute the file and check if the you get a list of server ids as the output
Recommended Action ID	UP_REC_ENV_040
Recommended Action	Set the catalog variable - "ARBOR_CATALOG_DATABASE" for Manager, Billing & SDP in the "/staging/billing/envSetting.env" file. In case of Offrater, set the catalog variable "\$ARBOR_ADMIN_DB_INST" in the "/home/sncpuser/omnisetup.sh" file.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_041

Check if the each server id of the catalog database instance is pingable

Table 543 UP_CHK_ENV_041 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_041
Command	Create a file by name "shellQuery" with permissions 755 and having the following contents: #!/bin/sh su - oracle8 -c "tnsping <server_id>" Execute the file and check if the you get a success message
Recommended Action ID	UP_REC_ENV_041
Recommended Action	Check if entries for each of the Server IDs (i.e.catalog database instances) is present in the "tnsnames.ora" file, so that they can be connected to. If any of the Server IDs are not required then it can be ignored.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_042

Check if the each server id of the catalog database instance can be connected to using "cbs_owner"

Table 544 UP_CHK_ENV_042 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_042
Command	Create a file by name "shellQuery" with permissions 755 and having the following contents: #!/bin/sh su - oracle8 -c "sqlplus cbs_owner/comverse@<server_id>" Execute the file and check if the you get a success message
Recommended Action ID	UP_REC_ENV_042
Recommended Action	Check if the Server IDs can be connected using user set in ARBORDBU variable in env file. Generally the user name is "cbs_owner". In case some of the Server IDs are not required then it can be ignored.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_043

Check if the deployment mode value is set

Table 545 UP_CHK_ENV_043 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_043
Command	grep deployment.mode \$JBOSS_HOME/conf/wrapper.conf
Recommended Action ID	UP_REC_ENV_043
Recommended Action	Check if "deployment.mode" variable is set to a valid value in the "JBOSS_HOME/conf/wrapper.conf" file.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_044

Check if "clu_rg_info.pl" file exists

Table 546 UP_CHK_ENV_044 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_044
Command	ls -l \$SCORE_HOME/tools/clu_rg_info.pl grep -w "clu_rg_info.pl"
Recommended Action ID	UP_REC_ENV_044
Recommended Action	Check if the "clu_rg_info.pl" file exists at the location "\$SCORE_HOME/tools/" with execute permissions for all users. If the file does not exist then check the NGSCORE version. This file is available with ngscore version 2.2. The command to check the present NGSCORE version is "cat /etc/BaseOS_version"
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_059

Check if "Database_RG" is configured

Table 547 UP_CHK_ENV_059 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_059
Command	cIRGinfo From the output, check for "Database_RG" or "FX_DB_RG"
Recommended Action ID	UP_REC_ENV_059
Recommended Action	Check if "DATABASE_RG" or "FX_DB_RG" is present in the output of "cIRGinfo" command.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_048

Check if variable "serverdef.instance.name" is set in \${jboss.home.dir}/conf/application.properties

Table 548 UP_CHK_ENV_048 details

Name	Value/Description
Application	UPA

Table 548 UP_CHK_ENV_048 details

Name	Value/Description
Category	Environment
Validation Check Identifier	UP_CHK_ENV_048
Command	grep -w serverdef.instance.name \$JBOSS_HOME/conf/application.properties
Recommended Action ID	UP_REC_ENV_048
Recommended Action	Set the variable "\$ARBOR_CATALOG_DATABASE" in the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh". Once done, execute the script "refreshEnvironment.pl" present in the location "\$JBOSS_HOME/bin". It takes about 5 minutes to set the property in UP environment
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_049

Check if variable "database.instance.user" is set in \${jboss.home.dir}/conf/application.properties

Table 549 UP_CHK_ENV_049 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_049
Command	grep -w database.instance.user \$JBOSS_HOME/conf/application.properties
Recommended Action ID	UP_REC_ENV_049
Recommended Action	Set the variable "\$ARBORDBU" in the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh". Once done, execute the script "refreshEnvironment.pl" present in the location "\$JBOSS_HOME/bin". It takes about 5 minutes to set the property in UP environment
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_050

Check if variable "billing.batch.env.file" is set in \${jboss.home.dir}/conf/application.properties

Table 550 UP_CHK_ENV_050 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_050
Command	grep -w billing.batch.env.file \$JBOSS_HOME/conf/application.properties
Recommended Action ID	UP_REC_ENV_050
Recommended Action	Check if ENV file exists in "/staging/billing/" directory. If not present, then add the ENV file and execute the script "refreshEnvironment.pl" present in the location "\$JBOSS_HOME/bin".
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_051

Check if variable "billing.envfile.owner" is set in \${jboss.home.dir}/conf/application.properties

Table 551 UP_CHK_ENV_051 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_051
Command	grep -w billing.envfile.owner \$JBOSS_HOME/conf/application.properties
Recommended Action ID	UP_REC_ENV_051
Recommended Action	Check if env file exists in "/staging/billing/" directory. If not present add the ENV file and execute the script "refreshEnvironment.pl" present in the location "\$JBOSS_HOME/bin".
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_052

Check if variable "oracle.net.tns_admin" is set in \${jboss.home.dir}/conf/application.properties

Table 552 UP_CHK_ENV_052 details

Name	Value/Description
Application	UPA

Table 552 UP_CHK_ENV_052 details

Name	Value/Description
Category	Environment
Validation Check Identifier	UP_CHK_ENV_052
Command	grep -w oracle.net.tns_admin \$JBOSS_HOME/conf/application.properties
Recommended Action ID	UP_REC_ENV_052
Recommended Action	Execute the script "refreshEnvironment.pl" present in the location "\$JBOSS_HOME/bin"
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_053

Check if variable "env.shell" is set in \${jboss.home.dir}/conf/application.properties

Table 553 UP_CHK_ENV_053 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_053
Command	grep -w env.shell \$JBOSS_HOME/conf/application.properties
Recommended Action ID	UP_REC_ENV_053
Recommended Action	Check if ENV file exists in "/staging/billing/" directory. If not present, then add the ENV file and execute the script "refreshEnvironment.pl" present in the location "\$JBOSS_HOME/bin"
Automation Status	Automated
Release Date	6/24/09

INSTALLATION**UP_CHK_INS_001**

Check if \$JBOSS_HOME/process directory is present

Table 554 UP_CHK_INS_001 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_001
Command	ls -l \$JBOSS_HOME grep -w "process"
Recommended Action ID	UP_REC_INS_001
Recommended Action	Check if the process component package is installed. Check if the directory "\$JBOSS_HOME/process" exists with process files in it.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_INS_005

Check if \${jboss.home.dir}/process/instrumented directory contains process CFGs

Table 555 UP_CHK_INS_005 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_005
Command	ls -l \$JBOSS_HOME/process/instrumented/*.icfg wc -l
Recommended Action ID	UP_REC_INS_005
Recommended Action	Check if there exists .icfg files in the \$JBOSS_HOME/process/instrumented directory
Automation Status	Automated
Release Date	6/24/09

UP_CHK_INS_002

Check if "ProcessManager" Service has started

Table 556 UP_CHK_INS_002 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_002

Table 556 UP_CHK_INS_002 details

Name	Value/Description
Command	\$JBOSS_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD status grep "ProcessManagerService"
Recommended Action ID	UP_REC_INS_002
Recommended Action	Check the "wrapper.log" or "ProcessManagerService.log" in "\$JBOSS_HOME/log" for any errors
Automation Status	Automated
Release Date	6/24/09

UP_CHK_INS_003

Check if "ProcessHandler" Service has started

Table 557 UP_CHK_INS_003 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_003
Command	\$JBOSS_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD status grep "ProcessHandlerService"
Recommended Action ID	UP_REC_INS_003
Recommended Action	Check the "wrapper.log" or "ProcessHandlerService.log" in "\$JBOSS_HOME/log" for any errors
Automation Status	Automated
Release Date	6/24/09

NETWORK**UP_CHK_NET_005**

Check if RSH can connect from LOCAL to LOCAL node without being prompted for a password

Table 558 UP_CHK_NET_005 details

Name	Value/Description
Application	UPA

Table 558 UP_CHK_NET_005 details

Name	Value/Description
Category	Network
Validation Check Identifier	UP_CHK_NET_005
Command	rsh <hostname>
Recommended Action ID	UP_REC_NET_005
Recommended Action	<p>Add the entry for the LOCAL node in the LOCAL \$HOME/.rhosts file. This file allows you to execute commands on remote nodes without being prompted for a password. The permissions on this file usually must be 0644 ([rw-r--r--]). It must exist in your home directory on every node that you need to use rsh with. Each line in the .rhosts file indicates a machine and user that programs may be launched from. For example, if the user abcd wishes to launch programs from the machine abcdmachine to the machines alpha, beta, and gamma, there must be a .rhosts file on each of the three remote machines ([alpha], beta, and gamma) with at least the following line in it: abcdmachine abcd</p> <p>The first field indicates the name of the machine where jobs may originate from; the second field indicates the user ID who may originate jobs from that machine</p>
Automation Status	Automated
Release Date	6/30/09

UP_CHK_NET_006

Check if RSH can connect from PEER to LOCAL node through the cross-link without being prompted for a password

Table 559 UP_CHK_NET_006 details

Name	Value/Description
Application	UPA
Category	Network
Validation Check Identifier	UP_CHK_NET_006
Command	rsh <peer_cross> rsh <hostname>
Recommended Action ID	UP_REC_NET_006

Table 559 UP_CHK_NET_006 details

Name	Value/Description
Recommended Action	<p>Add the entry for the PEER node in the LOCAL \$HOME/.rhosts file. This file allows you to execute commands on remote nodes without being prompted for a password. The permissions on this file usually must be 0644 ([rw-r--r--]). It must exist in your home directory on every node that you need to use rsh with. Each line in the .rhosts file indicates a machine and user that programs may be launched from. For example, if the user abcd wishes to launch programs from the machine abcdmachine to the machines alpha, beta, and gamma, there must be a .rhosts file on each of the three remote machines ([alpha], beta, and gamma) with at least the following line in it:</p> <pre>abcdmachine abcd</pre> <p>The first field indicates the name of the machine where jobs may originate from; the second field indicates the user ID who may originate jobs from that machine</p>
Automation Status	Automated
Release Date	6/30/09

UP_CHK_NET_007

Check if RSH can connect from LOCAL to PEER node through the cross-link without being prompted for a password

Table 560 UP_CHK_NET_007 details

Name	Value/Description
Application	UPA
Category	Network
Validation Check Identifier	UP_CHK_NET_007
Command	rsh <peer_cross>
Recommended Action ID	UP_REC_NET_007
Recommended Action	<p>Add the entry for the LOCAL node in the REMOTE \$HOME/.rhosts file. This file allows you to execute commands on remote nodes without being prompted for a password. The permissions on this file usually must be 0644 ([rw-r--r--]). It must exist in your home directory on every node that you need to use rsh with. Each line in the .rhosts file indicates a machine and user that programs may be launched from. For example, if the user abcd wishes to launch programs from the machine abcdmachine to the machines alpha, beta, and gamma, there must be a .rhosts file on each of the three remote machines ([alpha], beta, and gamma) with at least the following line in it:</p> <pre>abcdmachine abcd</pre> <p>The first field indicates the name of the machine where jobs may originate from; the second field indicates the user ID who may originate jobs from that machine</p>
Automation Status	Automated
Release Date	6/30/09

UP_CHK_NET_008

Check if RSH can connect from PEER to PEER node without being prompted for a password

Table 561 UP_CHK_NET_008 details

Name	Value/Description
Application	UPA
Category	Network
Validation Check Identifier	UP_CHK_NET_008
Command	rsh <peer_cross> rsh <peer>
Recommended Action ID	UP_REC_NET_008
Recommended Action	<p>Add the entry for the PEER node in the REMOTE \$HOME/.rhosts file. This file allows you to execute commands on remote nodes without being prompted for a password. The permissions on this file usually must be 0644 ([rw-r--r--]). It must exist in your home directory on every node that you need to use rsh with. Each line in the .rhosts file indicates a machine and user that programs may be launched from. For example, if the user abcd wishes to launch programs from the machine abcdmachine to the machines alpha, beta, and gamma, there must be a .rhosts file on each of the three remote machines ([alpha], beta, and gamma) with at least the following line in it:</p> <pre>abcdmachine abcd</pre> <p>The first field indicates the name of the machine where jobs may originate from; the second field indicates the user ID who may originate jobs from that machine</p>
Automation Status	Automated
Release Date	6/30/09

PLATFORM**UP_CHK_PLF_002**

Check if the filesystem that will contain JBOSS_HOME directory, has sufficient space for installation

Table 562 UP_CHK_PLF_002 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_002
Command	df -g <jboss_parent_directory> grep -v Filesystem awk '{print \$3}' tail -1

Table 562 UP_CHK_PLF_002 details

Name	Value/Description
Recommended Action ID	UP_REC_PLF_002
Recommended Action	Free at least 1GB of memory space in the filesystem that will contain "JBOSS_HOME" directory
Automation Status	Automated
Release Date	6/24/09

UP_CHK_PLF_001

Check if NTP is running and correctly synced with the External Time Server

Table 563 UP_CHK_PLF_001 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_001
Command	ntpq -p Check the "delay" field in the row marked with * in the "remote" column. If the delay is "0", then machine time is in sync with the external server.
Recommended Action ID	UP_REC_PLF_001
Recommended Action	Start that the NTP service if it is not already running and ensure that it is synchronised with the external server.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_PLF_004

Check if the total memory in both the nodes is equal

Table 564 UP_CHK_PLF_004 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_004
Command	free grep Mem awk '{print \$2}'
Recommended Action ID	UP_REC_PLF_004

Table 564 UP_CHK_PLF_004 details

Name	Value/Description
Recommended Action	Ensure that the host and peer nodes have the same amount of total memory.
Automation Status	Automated
Release Date	6/24/09

PMS

UP_CHK_PMS_001

Check if the supported process types are loaded

Table 565 UP_CHK_PMS_001 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_001
Command	\$JBOSS_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD list_process_types
Recommended Action ID	UP_REC_PMS_001
Recommended Action	Check "\$JBOSS/process/instrumented/" directory. There should be ".icfg" files present. If they are present, then execute from mshell the command "list_process_types". If it does not show any process then check "ProcessHandlerService" in "\$JBOSS_HOME/log/" directory for any errors.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_PMS_006

Check if the "onlineDB_RG_ServerId" script returns the server id

Table 566 UP_CHK_PMS_006 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_006

Table 566 UP_CHK_PMS_006 details

Name	Value/Description
Command	sh \$JBOSS_HOME/bin/onlineDB_RG_ServerId
Recommended Action ID	UP_REC_PMS_006
Recommended Action	Check the scripts for errors (OR) ensure that the script connects to a valid database instance, if it is UNKNOWN (OR) ensure that the local server id can be retrieved from the database instance
Automation Status	Automated
Release Date	9/23/09

UP_CHK_PMS_002

Check if the server id is set

Table 567 UP_CHK_PMS_002 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_002
Command	\$JBOSS_HOME_DIR/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD list_process_types -bp <process_name> grep server_id
Recommended Action ID	UP_REC_PMS_002
Recommended Action	Ensure the following: Step 1 : Check if the "ARBOR_CATALOG_DATABASE" and "ARBORDBU" values are set correctly in ENV file. Try connecting to "ARBOR_CATALOG_DATABASE" using "ARBORDBU" using "sqlplus". Check the "SERVER_DEFINITION" table to see if there are Server IDs available. Step 2 : If Step 1 is OK, then check the values of "serverdef.instance.name" and "database.instance.user" in "\$JBOSS_HOME/conf/application.properties" file. It should be same as the values in Step 1. If not then execute "\$JBOSS_HOME/bin/refreshEnvironment.pl". Step 3: If Step 1 and Step 2 are OK, then check the command after 5 minutes. Otherwise check "\$JBOSS_HOME/log/ProcessHandlerService.log" for any errors reported.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_PMS_003

Check if each continuous process has the default value set for the SERVER_ID

Table 568 UP_CHK_PMS_003 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_003
Command	\$JBSS_HOME_DIR/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD list_process_types -bp <process_name> grep server_id
Recommended Action ID	UP_REC_PMS_003
Recommended Action	Follow the required procedure as described in the 3.0/3.1 UP RDD to set the default Server ids on UPM for each supported process type.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_PMS_004

Check if Unified Platform is able to start processes

Table 569 UP_CHK_PMS_004 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_004
Command	No command is available. This is a manual check
Recommended Action ID	UP_REC_PMS_004

Table 569 UP_CHK_PMS_004 details

Name	Value/Description
Recommended Action	<p>(a) Check if Unified Platform is able to start a process. This can be done by executing the MSHELL command "list_processes". If the process status is "NOEXEC", then check if an alarm is seen for the process using the MSHELL command "list_active_events".</p> <p>(b) If an alarm exists, then check for any errors reported in process log present in /staging/billing/data/log. Try fixing the issue.</p> <p>(c) If the error is due to password retrieval from security server, then check if the credentials are available in the security server on UPM (by executing the MSHELL command "list_credential" on UPM). If the entry is unavailable, add the credential entry using MSHELL command "store_credential".</p> <p>(d) If the error indicates that a previous process entry exists in the "PROCESS_STATUS", then check if the entry for the process already exists in "PROCESS_STATUS" table of the Server ID (DB instance). If it does, then remove it (as it is due to a previous crashed process). Try starting the process.</p> <p>(e) After fixing, try starting the process from outside Uinified Platform. If the process starts successfully, then try starting from Unified Platform.</p>
Automation Status	Automated
Release Date	9/15/09

UP_CHK_PMS_005

Check if "process.start.disable" (corresponding to flag "enable_process_start") is set to false in \${jboss.home.dir}/conf/process.properties

Table 570 UP_CHK_PMS_005 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_005
Command	grep -w '^process.start.disable' \$JBoss_HOME/conf/process.properties
Recommended Action ID	UP_REC_PMS_005
Recommended Action	This flag is set to "TRUE" when Unified Platform is installed. This is done so that the processes are started in a pre-defined order using Process Orchestration. To starte processes manually, this flag needs to be set to "FALSE" (if using MSHELL using the command "enable_process_start") or it is done automatically is done through the GUI.
Automation Status	Automated
Release Date	9/15/09

PRE-REQUISITE

UP_CHK_REQ_001

Check if pre-requisite "Term::Size" Perl module is installed

Table 571 UP_CHK_REQ_001 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_001
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\\$_ if /\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\\\.@INC' grep -w Term/Size.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/Size.pm" in the output
Recommended Action ID	UP_REC_REQ_001
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_REQ_002

Check if pre-requisite "Term::ReadLine::Gnu" Perl module is installed

Table 572 UP_CHK_REQ_002 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_002

Table 572 UP_CHK_REQ_002 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadLine/Gnu.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadLine/Gnu.pm" in the output
Recommended Action ID	UP_REC_REQ_002
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_REQ_003

Check if pre-requisite "Text::Shellwords" Perl module is installed

Table 573 UP_CHK_REQ_003 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_003
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Text/Shellwords.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Text/Shellwords.pm" in the output
Recommended Action ID	UP_REC_REQ_003
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated

Table 573 UP_CHK_REQ_003 details

Name	Value/Description
Release Date	6/24/09

UP_CHK_REQ_004

Check if pre-requisite "Term::ReadKey" Perl module is installed

Table 574 UP_CHK_REQ_004 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_004
Command	<pre>Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\.pm\\\\\\\\z/ };no_chdir => 1 }, \\@INC' grep -w Term/ReadKey.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadKey.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_004
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_REQ_005

Check if pre-requisite "File::Remote" Perl module is installed

Table 575 UP_CHK_REQ_005 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_005

Table 575 UP_CHK_REQ_005 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w File/Remote.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "TFile/Remote.pm" in the output
Recommended Action ID	UP_REC_REQ_005
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_REQ_006

Check if pre-requisite "Tie::File" Perl module is installed

Table 576 UP_CHK_REQ_006 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_006
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Tie/File.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Tie/File.pm" in the output
Recommended Action ID	UP_REC_REQ_006
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated

Table 576 UP_CHK_REQ_006 details

Name	Value/Description
Release Date	6/24/09

UP_CHK_REQ_007

Check if pre-requisite "readline" Perl module is installed

Table 577 UP_CHK_REQ_007 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_007
Command	rpm -qa grep -w \$rpm_name grep -v "readline"
Recommended Action ID	UP_REC_REQ_007
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_REQ_008

Check if pre-requisite "readline-devel" Perl module is installed

Table 578 UP_CHK_REQ_008 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_008
Command	rpm -qa grep -w "readline-devel"
Recommended Action ID	UP_REC_REQ_008
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_REQ_009

Check if pre-requisite RPM "expect-5" is installed

Table 579 UP_CHK_REQ_009 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_009
Command	rpm -qa grep -w "expect-5"
Recommended Action ID	UP_REC_REQ_009
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_REQ_010

Check if pre-requisite RPM "tclsh" is installed

Table 580 UP_CHK_REQ_010 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_010
Command	rpm -qa grep -w "tclsh"
Recommended Action ID	UP_REC_REQ_010
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_REQ_011

Check if pre-requisite RPM "tcl" is installed

Table 581 UP_CHK_REQ_011 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_011
Command	rpm -qa grep -w "tclsh"

Table 581 UP_CHK_REQ_011 details

Name	Value/Description
Recommended Action ID	UP_REC_REQ_011
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_REQ_012

Check if pre-requisite RPM "tk" is installed

Table 582 UP_CHK_REQ_012 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_012
Command	rpm -qa grep -w "tk"
Recommended Action ID	UP_REC_REQ_012
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	6/24/09

SGU System Checks

UPA

ENVIRONMENT

UP_CHK_ENV_001

Check if "JBOSS_HOME" exists in root profile

Table 583 UP_CHK_ENV_001 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_001
Command	echo \$JBOSS_HOME
Recommended Action ID	UP_REC_ENV_001
Recommended Action	Set the environment variable JBOSS_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_002

Check if "JAVA_HOME" exists in root profile

Table 584 UP_CHK_ENV_002 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_002
Command	echo \$JAVA_HOME
Recommended Action ID	UP_REC_ENV_002
Recommended Action	Set the environment variable JAVA_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_003

Check if "ANT_HOME" exists in root profile

Table 585 UP_CHK_ENV_003 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_003
Command	echo \$ANT_HOME

Table 585 UP_CHK_ENV_003 details

Name	Value/Description
Recommended Action ID	UP_REC_ENV_003
Recommended Action	Set the environment variable ORACLE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_004

Check if "PERL5LIB" exists in root profile

Table 586 UP_CHK_ENV_004 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_004
Command	echo \$PERL5LIB
Recommended Action ID	UP_REC_ENV_004
Recommended Action	Set the environment variable SCORE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_006

Check if "ORACLE_HOME" exists in root profile

Table 587 UP_CHK_ENV_006 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_006
Command	echo \$ORACLE_HOME
Recommended Action ID	UP_REC_ENV_006
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_007

Check if "LD_LIBRARY_PATH" exists in root profile

Table 588 UP_CHK_ENV_007 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_007
Command	echo \$LD_LIBRARY_PATH
Recommended Action ID	UP_REC_ENV_007
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_016

Check if "ANT" executable is defined on the PATH

Table 589 UP_CHK_ENV_016 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_016
Command	ant -version
Recommended Action ID	UP_REC_ENV_016
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_017

Check if "JAVA" executable is defined on the PATH

Table 590 UP_CHK_ENV_017 details

Name	Value/Description
Application	UPA
Category	Environment

Table 590 UP_CHK_ENV_017 details

Name	Value/Description
Validation Check Identifier	UP_CHK_ENV_017
Command	java -help
Recommended Action ID	UP_REC_ENV_017
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_061

Check if the "localhost" entry is defined in "/etc/hosts" and is pingable

Table 591 UP_CHK_ENV_061 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_061
Command	ping localhost
Recommended Action ID	UP_REC_ENV_061
Recommended Action	Add the entry "localhost" to the "/etc/hosts" with a valid IP address and ensure that it is pingable.
Automation Status	Automated
Release Date	8/21/09

INSTALLATION

UP_CHK_INS_001

Check if \$JBOSS_HOME/process directory is present

Table 592 UP_CHK_INS_001 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_001

Table 592 UP_CHK_INS_001 details

Name	Value/Description
Command	ls -l \$JBOSS_HOME grep -w "process"
Recommended Action ID	UP_REC_INS_001
Recommended Action	Check if the process component package is installed. Check if the directory "\$JBOSS_HOME/process" exists with process files in it.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_INS_002

Check if "ProcessManager" Service has started

Table 593 UP_CHK_INS_002 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_002
Command	\$JBOSS_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD status grep "ProcessManagerService"
Recommended Action ID	UP_REC_INS_002
Recommended Action	Check the "wrapper.log" or "ProcessManagerService.log" in "\$JBOSS_HOME/log" for any errors
Automation Status	Automated
Release Date	8/18/09

PLATFORM**UP_CHK_PLF_002**

Check if the filesystem that will contain JBOSS_HOME directory, has sufficient space for installation

Table 594 UP_CHK_PLF_002 details

Name	Value/Description
Application	UPA

Table 594 UP_CHK_PLF_002 details

Name	Value/Description
Category	Platform
Validation Check Identifier	UP_CHK_PLF_002
Command	df -g <jboss_parent_directory> grep -v Filesystem awk '{print \$3}' tail -1
Recommended Action ID	UP_REC_PLF_002
Recommended Action	Free at least 1GB of memory space in the filesystem that will contain "JBOSS_HOME" directory
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_001

Check if NTP is running and correctly synced with the External Time Server

Table 595 UP_CHK_PLF_001 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_001
Command	ntpq -p Check the "delay" field in the row marked with * in the "remote" column. If the delay is "0", then machine time is in sync with the external server.
Recommended Action ID	UP_REC_PLF_001
Recommended Action	Start that the NTP service if it is not already running and ensure that it is synchronised with the external server.
Automation Status	Automated
Release Date	8/18/09

PMS

UP_CHK_PMS_005

Check if "process.start.disable" (corresponding to flag "enable_process_start") is set to false in \${jboss.home.dir}/conf/process.properties

Table 596 UP_CHK_PMS_005 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_005
Command	grep -w '^process.start.disable' \$JBOSS_HOME/conf/process.properties
Recommended Action ID	UP_REC_PMS_005
Recommended Action	This flag is set to "TRUE" when Unified Platform is installed. This is done so that the processes are started in a pre-defined order using Process Orchestration. To start processes manually, this flag needs to be set to "FALSE" (if using MSHELL using the command "enable_process_start") or it is done automatically through the GUI.
Automation Status	Automated
Release Date	9/15/09

PRE-REQUISITE

UP_CHK_REQ_001

Check if pre-requisite "Term::Size" Perl module is installed

Table 597 UP_CHK_REQ_001 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_001
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\.pm\$/ } ,no_chdir => 1 }, \\@INC' grep -w Term/Size.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look for the Perl module "Term/Size.pm" in the output

Table 597 UP_CHK_REQ_001 details

Name	Value/Description
Recommended Action ID	UP_REC_REQ_001
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_002

Check if pre-requisite "Term::ReadLine::Gnu" Perl module is installed

Table 598 UP_CHK_REQ_002 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_002
Command	<pre>Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\.pm\\\.z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadLine/Gnu.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadLine/Gnu.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_002
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_003

Check if pre-requisite "Text::Shellwords" Perl module is installed

Table 599 UP_CHK_REQ_003 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite

Table 599 UP_CHK_REQ_003 details

Name	Value/Description
Validation Check Identifier	UP_CHK_REQ_003
Command	<p>Create a file by name "perlQuery" with permissions 755 and having the following contents:</p> <pre>#!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Text/Shellwords.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Text/Shellwords.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_003
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_004

Check if pre-requisite "Term::ReadKey" Perl module is installed

Table 600 UP_CHK_REQ_004 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_004
Command	<p>Create a file by name "perlQuery" with permissions 755 and having the following contents:</p> <pre>#!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadKey.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadKey.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_004
Recommended Action	Install the Unified Platform pre-requisite package.

Table 600 UP_CHK_REQ_004 details

Name	Value/Description
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_005

Check if pre-requisite "File::Remote" Perl module is installed

Table 601 UP_CHK_REQ_005 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_005
Command	<p>Create a file by name "perlQuery" with permissions 755 and having the following contents:</p> <pre>#!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w File/Remote.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "TFile/Remote.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_005
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_006

Check if pre-requisite "Tie::File" Perl module is installed

Table 602 UP_CHK_REQ_006 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_006

Table 602 UP_CHK_REQ_006 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -Tlw -e 'find { wanted => sub { print canonpath \\\$ _ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Tie/File.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Tie/File.pm" in the output
Recommended Action ID	UP_REC_REQ_006
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_007

Check if pre-requisite "readline" Perl module is installed

Table 603 UP_CHK_REQ_007 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_007
Command	rpm -qa grep -w \$rpm_name grep -v "readline"
Recommended Action ID	UP_REC_REQ_007
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_008

Check if pre-requisite "readline-devel" Perl module is installed

Table 604 UP_CHK_REQ_008 details

Name	Value/Description
Application	UPA

Table 604 UP_CHK_REQ_008 details

Name	Value/Description
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_008
Command	rpm -qa grep -w "readline-devel"
Recommended Action ID	UP_REC_REQ_008
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_009

Check if pre-requisite RPM "expect-5" is installed

Table 605 UP_CHK_REQ_009 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_009
Command	rpm -qa grep -w "expect-5"
Recommended Action ID	UP_REC_REQ_009
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_010

Check if pre-requisite RPM "tcsh" is installed

Table 606 UP_CHK_REQ_010 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_010
Command	rpm -qa grep -w "tcsh"
Recommended Action ID	UP_REC_REQ_010

Table 606 UP_CHK_REQ_010 details

Name	Value/Description
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_011

Check if pre-requisite RPM "tcl" is installed

Table 607 UP_CHK_REQ_011 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_011
Command	rpm -qa grep -w "tcl"
Recommended Action ID	UP_REC_REQ_011
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

TRVNT-APP System Checks**UPA****ENVIRONMENT****UP_CHK_ENV_001**

Check if "JBOSS_HOME" exists in root profile

Table 608 UP_CHK_ENV_001 details

Name	Value/Description
Application	UPA

Table 608 UP_CHK_ENV_001 details

Name	Value/Description
Category	Environment
Validation Check Identifier	UP_CHK_ENV_001
Command	echo \$JBOSS_HOME
Recommended Action ID	UP_REC_ENV_001
Recommended Action	Set the environment variable JBOSS_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_002

Check if "JAVA_HOME" exists in root profile

Table 609 UP_CHK_ENV_002 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_002
Command	echo \$JAVA_HOME
Recommended Action ID	UP_REC_ENV_002
Recommended Action	Set the environment variable JAVA_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_003

Check if "ANT_HOME" exists in root profile

Table 610 UP_CHK_ENV_003 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_003
Command	echo \$ANT_HOME
Recommended Action ID	UP_REC_ENV_003

Table 610 UP_CHK_ENV_003 details

Name	Value/Description
Recommended Action	Set the environment variable ORACLE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_004

Check if "PERL5LIB" exists in root profile

Table 611 UP_CHK_ENV_004 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_004
Command	echo \$PERL5LIB
Recommended Action ID	UP_REC_ENV_004
Recommended Action	Set the environment variable SCORE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_006

Check if "ORACLE_HOME" exists in root profile

Table 612 UP_CHK_ENV_006 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_006
Command	echo \$ORACLE_HOME
Recommended Action ID	UP_REC_ENV_006
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_007

Check if "LD_LIBRARY_PATH" exists in root profile

Table 613 UP_CHK_ENV_007 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_007
Command	echo \$LD_LIBRARY_PATH
Recommended Action ID	UP_REC_ENV_007
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_016

Check if "ANT" executable is defined on the PATH

Table 614 UP_CHK_ENV_016 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_016
Command	ant -version
Recommended Action ID	UP_REC_ENV_016
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_017

Check if "JAVA" executable is defined on the PATH

Table 615 UP_CHK_ENV_017 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_017

Table 615 UP_CHK_ENV_017 details

Name	Value/Description
Command	java -help
Recommended Action ID	UP_REC_ENV_017
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_061

Check if the "localhost" entry is defined in "/etc/hosts" and is pingable

Table 616 UP_CHK_ENV_061 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_061
Command	ping localhost
Recommended Action ID	UP_REC_ENV_061
Recommended Action	Add the entry "localhost" to the "/etc/hosts" with a valid IP address and ensure that it is pingable.
Automation Status	Automated
Release Date	8/21/09

INSTALLATION**UP_CHK_INS_002**

Check if "ProcessManager" Service has started

Table 617 UP_CHK_INS_002 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_002

Table 617 UP_CHK_INS_002 details

Name	Value/Description
Command	\$JBOSS_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD status grep "ProcessManagerService"
Recommended Action ID	UP_REC_INS_002
Recommended Action	Check the "wrapper.log" or "ProcessManagerService.log" in "\$JBOSS_HOME/log" for any errors
Automation Status	Automated
Release Date	8/18/09

PLATFORM

UP_CHK_PLF_002

Check if the filesystem that will contain JBOSS_HOME directory, has sufficient space for installation

Table 618 UP_CHK_PLF_002 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_002
Command	df -g <jboss_parent_directory> grep -v Filesystem awk '{print \$3}' tail -1
Recommended Action ID	UP_REC_PLF_002
Recommended Action	Free at least 1GB of memory space in the filesystem that will contain "JBOSS_HOME" directory
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_001

Check if NTP is running and correctly synced with the External Time Server

Table 619 UP_CHK_PLF_001 details

Name	Value/Description
Application	UPA

Table 619 UP_CHK_PLF_001 details

Name	Value/Description
Category	Platform
Validation Check Identifier	UP_CHK_PLF_001
Command	ntpq -p Check the "delay" field in the row marked with * in the "remote" column. If the delay is "0", then machine time is in sync with the external server.
Recommended Action ID	UP_REC_PLF_001
Recommended Action	Start that the NTP service if it is not already running and ensure that it is synchronised with the external server.
Automation Status	Automated
Release Date	8/18/09

PMS

UP_CHK_PMS_005

Check if "process.start.disable" (corresponding to flag "enable_process_start") is set to false in `$(jboss.home.dir)/conf/process.properties`

Table 620 UP_CHK_PMS_005 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_005
Command	grep -w '^process.start.disable' \$JBOSS_HOME/conf/process.properties
Recommended Action ID	UP_REC_PMS_005
Recommended Action	This flag is set to "TRUE" when Unified Platform is installed. This is done so that the processes are started in a pre-defined order using Process Orchestration. To start processes manually, this flag needs to be set to "FALSE" (if using MSHELL using the command "enable_process_start") or it is done automatically is done through the GUI.
Automation Status	Automated
Release Date	9/15/09

PRE-REQUISITE

UP_CHK_REQ_001

Check if pre-requisite "Term::Size" Perl module is installed

Table 621 UP_CHK_REQ_001 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_001
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\\$_ if /\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\\\.@INC' grep -w Term/Size.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/Size.pm" in the output
Recommended Action ID	UP_REC_REQ_001
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_002

Check if pre-requisite "Term::ReadLine::Gnu" Perl module is installed

Table 622 UP_CHK_REQ_002 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_002

Table 622 UP_CHK_REQ_002 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$ _ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadLine/Gnu.pm\\`; chomp(\\\$output); if((\\\$output eq "") (\\\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\\\$output"; }; Execute the file and look fo the Perl module "Term/ReadLine/Gnu.pm" in the output
Recommended Action ID	UP_REC_REQ_002
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_003

Check if pre-requisite "Text::Shellwords" Perl module is installed

Table 623 UP_CHK_REQ_003 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_003
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$ _ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Text/Shellwords.pm\\`; chomp(\\\$output); if((\\\$output eq "") (\\\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\\\$output"; }; Execute the file and look fo the Perl module "Text/Shellwords.pm" in the output
Recommended Action ID	UP_REC_REQ_003
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile

Table 623 UP_CHK_REQ_003 details

Name	Value/Description
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_004

Check if pre-requisite "Term::ReadKey" Perl module is installed

Table 624 UP_CHK_REQ_004 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_004
Command	<p>Create a file by name "perlQuery" with permissions 755 and having the following contents:</p> <pre>#!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadKey.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadKey.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_004
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_005

Check if pre-requisite "File::Remote" Perl module is installed

Table 625 UP_CHK_REQ_005 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_005

Table 625 UP_CHK_REQ_005 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w File/Remote.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "TFile/Remote.pm" in the output
Recommended Action ID	UP_REC_REQ_005
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_006

Check if pre-requisite "Tie::File" Perl module is installed

Table 626 UP_CHK_REQ_006 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_006
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Tie/File.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Tie/File.pm" in the output
Recommended Action ID	UP_REC_REQ_006
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated

Table 626 UP_CHK_REQ_006 details

Name	Value/Description
Release Date	8/18/09

UP_CHK_REQ_007

Check if pre-requisite "readline" Perl module is installed

Table 627 UP_CHK_REQ_007 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_007
Command	rpm -qa grep -w \$rpm_name grep -v "readline"
Recommended Action ID	UP_REC_REQ_007
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_008

Check if pre-requisite "readline-devel" Perl module is installed

Table 628 UP_CHK_REQ_008 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_008
Command	rpm -qa grep -w "readline-devel"
Recommended Action ID	UP_REC_REQ_008
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_009

Check if pre-requisite RPM "expect-5" is installed

Table 629 UP_CHK_REQ_009 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_009
Command	rpm -qa grep -w "expect-5"
Recommended Action ID	UP_REC_REQ_009
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_010

Check if pre-requisite RPM "tcl" is installed

Table 630 UP_CHK_REQ_010 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_010
Command	rpm -qa grep -w "tclsh"
Recommended Action ID	UP_REC_REQ_010
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_011

Check if pre-requisite RPM "tcl" is installed

Table 631 UP_CHK_REQ_011 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_011
Command	rpm -qa grep -w "tclsh"

Table 631 UP_CHK_REQ_011 details

Name	Value/Description
Recommended Action ID	UP_REC_REQ_011
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

TRVNT-DB System Checks

UPA

CLUSTER

UP_CHK_CLS_001

Check if the Cluster Services are correctly configured

Table 632 UP_CHK_CLS_001 details

Name	Value/Description
Application	UPA
Category	Cluster
Validation Check Identifier	UP_CHK_CLS_001
Command	cldump
Recommended Action ID	UP_REC_CLS_001
Recommended Action	Ensure that the Cluster services are correctly running.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_CLS_002

Check if the Cluster Resource Groups are ONLINE and correctly configured

Table 633 UP_CHK_CLS_002 details

Name	Value/Description
Application	UPA
Category	Cluster
Validation Check Identifier	UP_CHK_CLS_002
Command	clRGinfo -c Check if any one of resource groups "Database_RG", "App_RG", "FX_APP_RG" or "FX_DB_RG" is online
Recommended Action ID	UP_REC_CLS_002
Recommended Action	Ensure that at least one Cluster Resource Group is ONLINE.
Automation Status	Automated
Release Date	8/18/09

ENVIRONMENT

UP_CHK_ENV_001

Check if "JBOSS_HOME" exists in root profile

Table 634 UP_CHK_ENV_001 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_001
Command	echo \$JBOSS_HOME
Recommended Action ID	UP_REC_ENV_001
Recommended Action	Set the environment variable JBOSS_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_002

Check if "JAVA_HOME" exists in root profile

Table 635 UP_CHK_ENV_002 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_002
Command	echo \$JAVA_HOME
Recommended Action ID	UP_REC_ENV_002
Recommended Action	Set the environment variable JAVA_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_003

Check if "ANT_HOME" exists in root profile

Table 636 UP_CHK_ENV_003 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_003
Command	echo \$ANT_HOME
Recommended Action ID	UP_REC_ENV_003
Recommended Action	Set the environment variable ORACLE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_005

Check if "SCORE_HOME" exists in root profile

Table 637 UP_CHK_ENV_005 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_005
Command	echo \$SCORE_HOME

Table 637 UP_CHK_ENV_005 details

Name	Value/Description
Recommended Action ID	UP_REC_ENV_005
Recommended Action	Set the environment variable ANT_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_004

Check if "PERL5LIB" exists in root profile

Table 638 UP_CHK_ENV_004 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_004
Command	echo \$PERL5LIB
Recommended Action ID	UP_REC_ENV_004
Recommended Action	Set the environment variable SCORE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_016

Check if "ANT" executable is defined on the PATH

Table 639 UP_CHK_ENV_016 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_016
Command	ant -version
Recommended Action ID	UP_REC_ENV_016
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_017

Check if "JAVA" executable is defined on the PATH

Table 640 UP_CHK_ENV_017 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_017
Command	java -help
Recommended Action ID	UP_REC_ENV_017
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_061

Check if the "localhost" entry is defined in "/etc/hosts" and is pingable

Table 641 UP_CHK_ENV_061 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_061
Command	ping localhost
Recommended Action ID	UP_REC_ENV_061
Recommended Action	Add the entry "localhost" to the "/etc/hosts" with a valid IP address and ensure that it is pingable.
Automation Status	Automated
Release Date	8/21/09

INSTALLATION

UP_CHK_INS_002

Check if "ProcessManager" Service has started

Table 642 UP_CHK_INS_002 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_002
Command	\$JBOSS_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD status grep "ProcessManagerService"
Recommended Action ID	UP_REC_INS_002
Recommended Action	Check the "wrapper.log" or "ProcessManagerService.log" in "\$JBOSS_HOME/log" for any errors
Automation Status	Automated
Release Date	8/18/09

NETWORK

UP_CHK_NET_005

Check if RSH can connect from LOCAL to LOCAL node without being prompted for a password

Table 643 UP_CHK_NET_005 details

Name	Value/Description
Application	UPA
Category	Network
Validation Check Identifier	UP_CHK_NET_005
Command	rsh <hostname>
Recommended Action ID	UP_REC_NET_005
Recommended Action	<p>Add the entry for the LOCAL node in the LOCAL \$HOME/.rhosts file. This file allows you to execute commands on remote nodes without being prompted for a password. The permissions on this file usually must be 0644 ([rw-r--r--]). It must exist in your home directory on every node that you need to use rsh with. Each line in the .rhosts file indicates a machine and user that programs may be launched from. For example, if the user abcd wishes to launch programs from the machine abcdmachine to the machines alpha, beta, and gamma, there must be a .rhosts file on each of the three remote machines ([alpha], beta, and gamma) with at least the following line in it: abcdmachine abcd</p> <p>The first field indicates the name of the machine where jobs may originate from; the second field indicates the user ID who may originate jobs from that machine</p>

Table 643 UP_CHK_NET_005 details

Name	Value/Description
Automation Status	Automated
Release Date	8/18/09

UP_CHK_NET_006

Check if RSH can connect from PEER to LOCAL node through the cross-link without being prompted for a password

Table 644 UP_CHK_NET_006 details

Name	Value/Description
Application	UPA
Category	Network
Validation Check Identifier	UP_CHK_NET_006
Command	rsh <peer_cross> rsh <hostname>
Recommended Action ID	UP_REC_NET_006
Recommended Action	<p>Add the entry for the PEER node in the LOCAL \$HOME/.rhosts file. This file allows you to execute commands on remote nodes without being prompted for a password. The permissions on this file usually must be 0644 ([rw-r--r--]). It must exist in your home directory on every node that you need to use rsh with. Each line in the .rhosts file indicates a machine and user that programs may be launched from. For example, if the user abcd wishes to launch programs from the machine abcdmachine to the machines alpha, beta, and gamma, there must be a .rhosts file on each of the three remote machines ([alpha], beta, and gamma) with at least the following line in it:</p> <p>abcdmachine abcd</p> <p>The first field indicates the name of the machine where jobs may originate from; the second field indicates the user ID who may originate jobs from that machine</p>
Automation Status	Automated
Release Date	8/18/09

UP_CHK_NET_007

Check if RSH can connect from LOCAL to PEER node through the cross-link without being prompted for a password

Table 645 UP_CHK_NET_007 details

Name	Value/Description
Application	UPA
Category	Network
Validation Check Identifier	UP_CHK_NET_007

Table 645 UP_CHK_NET_007 details

Name	Value/Description
Command	rsh <peer_cross>
Recommended Action ID	UP_REC_NET_007
Recommended Action	<p>Add the entry for the LOCAL node in the REMOTE \$HOME/.rhosts file. This file allows you to execute commands on remote nodes without being prompted for a password. The permissions on this file usually must be 0644 ([rw-r--r--]). It must exist in your home directory on every node that you need to use rsh with. Each line in the .rhosts file indicates a machine and user that programs may be launched from. For example, if the user abcd wishes to launch programs from the machine abcdmachine to the machines alpha, beta, and gamma, there must be a .rhosts file on each of the three remote machines ([alpha], beta, and gamma) with at least the following line in it: abcdmachine abcd</p> <p>The first field indicates the name of the machine where jobs may originate from; the second field indicates the user ID who may originate jobs from that machine</p>
Automation Status	Automated
Release Date	8/18/09

UP_CHK_NET_008

Check if RSH can connect from PEER to PEER node without being prompted for a password

Table 646 UP_CHK_NET_008 details

Name	Value/Description
Application	UPA
Category	Network
Validation Check Identifier	UP_CHK_NET_008
Command	rsh <peer_cross> rsh <peer>
Recommended Action ID	UP_REC_NET_008
Recommended Action	<p>Add the entry for the PEER node in the REMOTE \$HOME/.rhosts file. This file allows you to execute commands on remote nodes without being prompted for a password. The permissions on this file usually must be 0644 ([rw-r--r--]). It must exist in your home directory on every node that you need to use rsh with. Each line in the .rhosts file indicates a machine and user that programs may be launched from. For example, if the user abcd wishes to launch programs from the machine abcdmachine to the machines alpha, beta, and gamma, there must be a .rhosts file on each of the three remote machines ([alpha], beta, and gamma) with at least the following line in it: abcdmachine abcd</p> <p>The first field indicates the name of the machine where jobs may originate from; the second field indicates the user ID who may originate jobs from that machine</p>
Automation Status	Automated

Table 646 UP_CHK_NET_008 details

Name	Value/Description
Release Date	8/18/09

PLATFORM

UP_CHK_PLF_002

Check if the filesystem that will contain JBOSS_HOME directory, has sufficient space for installation

Table 647 UP_CHK_PLF_002 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_002
Command	df -g <jboss_parent_directory> grep -v Filesystem awk '{print \$3}' tail -1
Recommended Action ID	UP_REC_PLF_002
Recommended Action	Free at least 1GB of memory space in the filesystem that will contain "JBOSS_HOME" directory
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_001

Check if NTP is running and correctly synced with the External Time Server

Table 648 UP_CHK_PLF_001 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_001
Command	ntpq -p Check the "delay" field in the row marked with * in the "remote" column. If the delay is "0", then machine time is in sync with the external server.
Recommended Action ID	UP_REC_PLF_001

Table 648 UP_CHK_PLF_001 details

Name	Value/Description
Recommended Action	Start that the NTP service if it is not already running and ensure that it is synchronised with the external server.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_004

Check if the total memory in both the nodes is equal

Table 649 UP_CHK_PLF_004 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_004
Command	free grep Mem awk '{print \$2}'
Recommended Action ID	UP_REC_PLF_004
Recommended Action	Ensure that the host and peer nodes have the same amount of total memory.
Automation Status	Automated
Release Date	8/18/09

PMS**UP_CHK_PMS_005**

Check if "process.start.disable" (corresponding to flag "enable_process_start") is set to false in \${jboss.home.dir}/conf/process.properties

Table 650 UP_CHK_PMS_005 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_005
Command	grep -w '^process.start.disable' \$JBoss_HOME/conf/process.properties

Table 650 UP_CHK_PMS_005 details

Name	Value/Description
Recommended Action ID	UP_REC_PMS_005
Recommended Action	This flag is set to "TRUE" when Unified Platform is installed. This is done so that the processes are started in a pre-defined order using Process Orchestration. To start processes manually, this flag needs to be set to "FALSE" (if using MSHELL using the command "enable_process_start") or it is done automatically is done through the GUI.
Automation Status	Automated
Release Date	9/15/09

PRE-REQUISITE

UP_CHK_REQ_001

Check if pre-requisite "Term::Size" Perl module is installed

Table 651 UP_CHK_REQ_001 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_001
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath "\\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\\\\\@INC' grep -w Term/Size.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look for the Perl module "Term/Size.pm" in the output
Recommended Action ID	UP_REC_REQ_001
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_002

Check if pre-requisite "Term::ReadLine::Gnu" Perl module is installed

Table 652 UP_CHK_REQ_002 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_002
Command	<pre>Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\.pm\\\.z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadLine/Gnu.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadLine/Gnu.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_002
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_003

Check if pre-requisite "Text::Shellwords" Perl module is installed

Table 653 UP_CHK_REQ_003 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_003

Table 653 UP_CHK_REQ_003 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Text/Shellwords.pm`; chomp(\\\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Text/Shellwords.pm" in the output
Recommended Action ID	UP_REC_REQ_003
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_004

Check if pre-requisite "Term::ReadKey" Perl module is installed

Table 654 UP_CHK_REQ_004 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_004
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadKey.pm`; chomp(\\\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadKey.pm" in the output
Recommended Action ID	UP_REC_REQ_004
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated

Table 654 UP_CHK_REQ_004 details

Name	Value/Description
Release Date	8/18/09

UP_CHK_REQ_005

Check if pre-requisite "File::Remote" Perl module is installed

Table 655 UP_CHK_REQ_005 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_005
Command	<pre>Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\\$_ if /\\\.pm\\\\z/ };no_chdir => 1 }, \\\@INC' grep -w File/Remote.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "TFile/Remote.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_005
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_006

Check if pre-requisite "Tie::File" Perl module is installed

Table 656 UP_CHK_REQ_006 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_006

Table 656 UP_CHK_REQ_006 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -Tlw -e 'find { wanted => sub { print canonpath \\\$ _ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Tie/File.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Tie/File.pm" in the output
Recommended Action ID	UP_REC_REQ_006
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_007

Check if pre-requisite "readline" Perl module is installed

Table 657 UP_CHK_REQ_007 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_007
Command	rpm -qa grep -w \$rpm_name grep -v "readline"
Recommended Action ID	UP_REC_REQ_007
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_008

Check if pre-requisite "readline-devel" Perl module is installed

Table 658 UP_CHK_REQ_008 details

Name	Value/Description
Application	UPA

Table 658 UP_CHK_REQ_008 details

Name	Value/Description
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_008
Command	rpm -qa grep -w "readline-devel"
Recommended Action ID	UP_REC_REQ_008
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_009

Check if pre-requisite RPM "expect-5" is installed

Table 659 UP_CHK_REQ_009 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_009
Command	rpm -qa grep -w "expect-5"
Recommended Action ID	UP_REC_REQ_009
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_010

Check if pre-requisite RPM "tcsh" is installed

Table 660 UP_CHK_REQ_010 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_010
Command	rpm -qa grep -w "tcsh"
Recommended Action ID	UP_REC_REQ_010

Table 660 UP_CHK_REQ_010 details

Name	Value/Description
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_011

Check if pre-requisite RPM "tcl" is installed

Table 661 UP_CHK_REQ_011 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_011
Command	rpm -qa grep -w "tcl"
Recommended Action ID	UP_REC_REQ_011
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_012

Check if pre-requisite RPM "tk" is installed

Table 662 UP_CHK_REQ_012 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_012
Command	rpm -qa grep -w "tk"
Recommended Action ID	UP_REC_REQ_012
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

TRVNT-WEB System Checks

UPA

ENVIRONMENT

UP_CHK_ENV_001

Check if "JBOSS_HOME" exists in root profile

Table 663 UP_CHK_ENV_001 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_001
Command	echo \$JBOSS_HOME
Recommended Action ID	UP_REC_ENV_001
Recommended Action	Set the environment variable JBOSS_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_002

Check if "JAVA_HOME" exists in root profile

Table 664 UP_CHK_ENV_002 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_002
Command	echo \$JAVA_HOME
Recommended Action ID	UP_REC_ENV_002
Recommended Action	Set the environment variable JAVA_HOME in the "root" profile

Table 664 UP_CHK_ENV_002 details

Name	Value/Description
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_003

Check if "ANT_HOME" exists in root profile

Table 665 UP_CHK_ENV_003 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_003
Command	echo \$ANT_HOME
Recommended Action ID	UP_REC_ENV_003
Recommended Action	Set the environment variable ORACLE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_004

Check if "PERL5LIB" exists in root profile

Table 666 UP_CHK_ENV_004 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_004
Command	echo \$PERL5LIB
Recommended Action ID	UP_REC_ENV_004
Recommended Action	Set the environment variable SCORE_HOME in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_006

Check if "ORACLE_HOME" exists in root profile

Table 667 UP_CHK_ENV_006 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_006
Command	echo \$ORACLE_HOME
Recommended Action ID	UP_REC_ENV_006
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_007

Check if "LD_LIBRARY_PATH" exists in root profile

Table 668 UP_CHK_ENV_007 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_007
Command	echo \$LD_LIBRARY_PATH
Recommended Action ID	UP_REC_ENV_007
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_016

Check if "ANT" executable is defined on the PATH

Table 669 UP_CHK_ENV_016 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_016
Command	ant -version

Table 669 UP_CHK_ENV_016 details

Name	Value/Description
Recommended Action ID	UP_REC_ENV_016
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_017

Check if "JAVA" executable is defined on the PATH

Table 670 UP_CHK_ENV_017 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_017
Command	java -help
Recommended Action ID	UP_REC_ENV_017
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_061

Check if the "localhost" entry is defined in "/etc/hosts" and is pingable

Table 671 UP_CHK_ENV_061 details

Name	Value/Description
Application	UPA
Category	Environment
Validation Check Identifier	UP_CHK_ENV_061
Command	ping localhost
Recommended Action ID	UP_REC_ENV_061
Recommended Action	Add the entry "localhost" to the "/etc/hosts" with a valid IP address and ensure that it is pingable.
Automation Status	Automated
Release Date	8/21/09

INSTALLATION

UP_CHK_INS_002

Check if "ProcessManager" Service has started

Table 672 UP_CHK_INS_002 details

Name	Value/Description
Application	UPA
Category	Installation
Validation Check Identifier	UP_CHK_INS_002
Command	\$JBOSS_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD status grep "ProcessManagerService"
Recommended Action ID	UP_REC_INS_002
Recommended Action	Check the "wrapper.log" or "ProcessManagerService.log" in "\$JBOSS_HOME/log" for any errors
Automation Status	Automated
Release Date	8/18/09

PLATFORM

UP_CHK_PLF_002

Check if the filesystem that will contain JBOSS_HOME directory, has sufficient space for installation

Table 673 UP_CHK_PLF_002 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_002
Command	df -g <jboss_parent_directory> grep -v Filesystem awk '{print \$3}' tail -1
Recommended Action ID	UP_REC_PLF_002
Recommended Action	Free at least 1GB of memory space in the filesystem that will contain "JBOSS_HOME" directory

Table 673 UP_CHK_PLF_002 details

Name	Value/Description
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_001

Check if NTP is running and correctly synced with the External Time Server

Table 674 UP_CHK_PLF_001 details

Name	Value/Description
Application	UPA
Category	Platform
Validation Check Identifier	UP_CHK_PLF_001
Command	ntpq -p Check the "delay" field in the row marked with * in the "remote" column. If the delay is "0", then machine time is in sync with the external server.
Recommended Action ID	UP_REC_PLF_001
Recommended Action	Start that the NTP service if it is not already running and ensure that it is synchronised with the external server.
Automation Status	Automated
Release Date	8/18/09

PMS

UP_CHK_PMS_005

Check if "process.start.disable" (corresponding to flag "enable_process_start") is set to false in \${jboss.home.dir}/conf/process.properties

Table 675 UP_CHK_PMS_005 details

Name	Value/Description
Application	UPA
Category	PMS
Validation Check Identifier	UP_CHK_PMS_005
Command	grep -w '^process.start.disable' \$JBoss_HOME/conf/process.properties

Table 675 UP_CHK_PMS_005 details

Name	Value/Description
Recommended Action ID	UP_REC_PMS_005
Recommended Action	This flag is set to "TRUE" when Unified Platform is installed. This is done so that the processes are started in a pre-defined order using Process Orchestration. To start processes manually, this flag needs to be set to "FALSE" (if using MSHELL using the command "enable_process_start") or it is done automatically is done through the GUI.
Automation Status	Automated
Release Date	9/15/09

PRE-REQUISITE

UP_CHK_REQ_001

Check if pre-requisite "Term::Size" Perl module is installed

Table 676 UP_CHK_REQ_001 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_001
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath "\\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\\\@INC' grep -w Term/Size.pm`; chomp(\$output);" if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look for the Perl module "Term/Size.pm" in the output
Recommended Action ID	UP_REC_REQ_001
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_002

Check if pre-requisite "Term::ReadLine::Gnu" Perl module is installed

Table 677 UP_CHK_REQ_002 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_002
Command	<pre>Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\.pm\$/ } ,no_chdir => 1 }, \\@INC' grep -w Term/ReadLine/Gnu.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadLine/Gnu.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_002
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_003

Check if pre-requisite "Text::Shellwords" Perl module is installed

Table 678 UP_CHK_REQ_003 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_003

Table 678 UP_CHK_REQ_003 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Text/Shellwords.pm`; chomp(\\\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Text/Shellwords.pm" in the output
Recommended Action ID	UP_REC_REQ_003
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_004

Check if pre-requisite "Term::ReadKey" Perl module is installed

Table 679 UP_CHK_REQ_004 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_004
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadKey.pm`; chomp(\\\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadKey.pm" in the output
Recommended Action ID	UP_REC_REQ_004
Recommended Action	Install ANT and ensure that it is available in the system PATH

Table 679 UP_CHK_REQ_004 details

Name	Value/Description
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_005

Check if pre-requisite "File::Remote" Perl module is installed

Table 680 UP_CHK_REQ_005 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_005
Command	<p>Create a file by name "perlQuery" with permissions 755 and having the following contents:</p> <pre>#!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w File/Remote.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "TFile/Remote.pm" in the output</pre>
Recommended Action ID	UP_REC_REQ_005
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_006

Check if pre-requisite "Tie::File" Perl module is installed

Table 681 UP_CHK_REQ_006 details

Name	Value/Description
Application	UPA
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_006

Table 681 UP_CHK_REQ_006 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -Tlw -e 'find { wanted => sub { print canonpath \\\$ _ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Tie/File.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Tie/File.pm" in the output
Recommended Action ID	UP_REC_REQ_006
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_007

Check if pre-requisite "readline" Perl module is installed

Table 682 UP_CHK_REQ_007 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_007
Command	rpm -qa grep -w \$rpm_name grep -v "readline"
Recommended Action ID	UP_REC_REQ_007
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_008

Check if pre-requisite "readline-devel" Perl module is installed

Table 683 UP_CHK_REQ_008 details

Name	Value/Description
Application	UPA

Table 683 UP_CHK_REQ_008 details

Name	Value/Description
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_008
Command	rpm -qa grep -w "readline-devel"
Recommended Action ID	UP_REC_REQ_008
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_009

Check if pre-requisite RPM "expect-5" is installed

Table 684 UP_CHK_REQ_009 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_009
Command	rpm -qa grep -w "expect-5"
Recommended Action ID	UP_REC_REQ_009
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_010

Check if pre-requisite RPM "tcsh" is installed

Table 685 UP_CHK_REQ_010 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_010
Command	rpm -qa grep -w "tcsh"
Recommended Action ID	UP_REC_REQ_010

Table 685 UP_CHK_REQ_010 details

Name	Value/Description
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	8/18/09

UP_CHK_REQ_011

Check if pre-requisite RPM "tcl" is installed

Table 686 UP_CHK_REQ_011 details

Name	Value/Description
Application	UPA
Category	Pre-requisite
Validation Check Identifier	UP_CHK_REQ_011
Command	rpm -qa grep -w "tcl"
Recommended Action ID	UP_REC_REQ_011
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	8/18/09

UPM System Checks**UPM****CLUSTER****UP_CHK_CLS_001**

Check if the Cluster Services are correctly configured

Table 687 UP_CHK_CLS_001 details

Name	Value/Description
Application	UPM

Table 687 UP_CHK_CLS_001 details

Name	Value/Description
Category	Cluster
Validation Check Identifier	UP_CHK_CLS_001
Command	/opt/VRTS/bin/hares -state
Recommended Action ID	UP_REC_CLS_001
Recommended Action	Ensure that the Cluster services are correctly running.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_CLS_002

Check if the Cluster Resource Groups are ONLINE and correctly configured

Table 688 UP_CHK_CLS_002 details

Name	Value/Description
Application	UPM
Category	Cluster
Validation Check Identifier	UP_CHK_CLS_002
Command	/opt/VRTS/bin/hagrp -state grep -wi \$resourceGroup /opt/VRTS/bin/hagrp -state grep -wi \$resourceGroup grep -wi ONLINE Where, \$resourceGroup is one of "Database_RG", "App_RG", "FX_APP_RG" or "FX_DB_RG". Check if any one of them is online
Recommended Action ID	UP_REC_CLS_002
Recommended Action	Ensure that at least one Cluster Resource Group is ONLINE.
Automation Status	Automated
Release Date	6/24/09

DATABASE**UP_CHK_DBS_001**

Check if the Oracle Listener is up and running

Table 689 UP_CHK_DBS_001 details

Name	Value/Description
Application	UPM
Category	Database
Validation Check Identifier	UP_CHK_DBS_001
Command	Create a file by name "shellQuery" with permissions 755 and having the following contents: #!/bin/sh su - oracle8 -c "lsnrctl status;" Execute the file and check if the output indicates that the listener is up.
Recommended Action ID	UP_REC_DBS_001
Recommended Action	Check if the listeners are up using the following sequence of commands: su - oracle8 cd /oralce/oracle8/dba ./listener_start_stop status If the status is not running, then bring up the listeners using the following sequence of commands: su - oracle8 cd /oralce/oracle8/dba execute /listener_start_stop start all
Automation Status	Automated
Release Date	6/24/09

UP_CHK_DBS_002

Check if the XE database instance is up and running

Table 690 UP_CHK_DBS_002 details

Name	Value/Description
Application	UPM
Category	Database
Validation Check Identifier	UP_CHK_DBS_002
Command	Create a file by name "shellQuery" with permissions 755 and having the following contents: #!/bin/sh su - oracle8 -c "tnsping XE;" Execute the file and check if the output indicates that the listener is up.
Recommended Action ID	UP_REC_DBS_002

Table 690 UP_CHK_DBS_002 details

Name	Value/Description
Recommended Action	Execute the command "ps -ef grep smon". This should display "ora_smon_XE" if XE instance is available. If this is not displayed, then check for the XE entry in "tnsnames.ora file". Check again if XE instance starts up properly
Automation Status	Automated
Release Date	6/24/09

UP_CHK_DBS_003

Check if a connection can be made to "XE" database instance using "secuser" schema user

Table 691 UP_CHK_DBS_003 details

Name	Value/Description
Application	UPM
Category	Database
Validation Check Identifier	UP_CHK_DBS_003
Command	Create a file by name "shellQuery" with permissions 755 and having the following contents: #!/bin/sh su - oracle8 -c "sqlplus secuser/comverse@XE <<EOSQL" Execute the file and check if the you get a connection success message
Recommended Action ID	UP_REC_DBS_003
Recommended Action	Add the schema user "secuser" for the XE instance (if it does not already exist)
Automation Status	Automated
Release Date	6/24/09

UP_CHK_DBS_004

Check if a connection can be made to "XE" database instance using "upmuser" schema user

Table 692 UP_CHK_DBS_004 details

Name	Value/Description
Application	UPM
Category	Database
Validation Check Identifier	UP_CHK_DBS_004

Table 692 UP_CHK_DBS_004 details

Name	Value/Description
Command	Create a file by name "shellQuery" with permissions 755 and having the following contents: #!/bin/sh su - oracle8 -c "sqlplus upmuser/comverse@Xe <<EOSQL" Execute the file and check if the you get a connection success message
Recommended Action ID	UP_REC_DBS_004
Recommended Action	Add the schema user "upmuser" for the XE instance (if it does not already exist)
Automation Status	Automated
Release Date	6/24/09

UP_CHK_DBS_005

Check if a connection can be made to "XE" database instance using "wpuser" schema user

Table 693 UP_CHK_DBS_005 details

Name	Value/Description
Application	UPM
Category	Database
Validation Check Identifier	UP_CHK_DBS_005
Command	Create a file by name "shellQuery" with permissions 755 and having the following contents: #!/bin/sh su - oracle8 -c "sqlplus wpuser/comverse@Xe <<EOSQL" Execute the file and check if the you get a connection success message
Recommended Action ID	UP_REC_DBS_005
Recommended Action	Add the schema user "wpmuser" for the OAM instance (if it does not already exist)
Automation Status	Automated
Release Date	6/24/09

UP_CHK_DBS_006

Check if OAM database instance is up and running

Table 694 UP_CHK_DBS_006 details

Name	Value/Description
Application	UPM
Category	Database

Table 694 UP_CHK_DBS_006 details

Name	Value/Description
Validation Check Identifier	UP_CHK_DBS_006
Command	Create a file by name "shellQuery" with permissions 755 and having the following contents: #!/bin/sh su - oracle8 -c "tnsping OAM;" Execute the file and check if the output indicates that the listener is up.
Recommended Action ID	UP_REC_DBS_006
Recommended Action	Execute the command "ps -ef grep smon". This should display "ora_smon_OAM" if OAM instance is available. If this is not displayed, then check for the OAM entry in "tnsnames.ora file". Check again if OAM instance starts up properly
Automation Status	Automated
Release Date	6/24/09

UP_CHK_DBS_007

Check if a connection can be made to "OAM" database instance using "upmuser" schema user

Table 695 UP_CHK_DBS_007 details

Name	Value/Description
Application	UPM
Category	Database
Validation Check Identifier	UP_CHK_DBS_007
Command	Create a file by name "shellQuery" with permissions 755 and having the following contents: #!/bin/sh su - oracle8 -c "sqlplus upmuser/comverse@OAM <<EOSQL" Execute the file and check if you get a connection success message
Recommended Action ID	UP_REC_DBS_007
Recommended Action	Add the schema user "upmuser" for the OAM instance (if it does not already exist)
Automation Status	Automated
Release Date	6/24/09

UP_CHK_DBS_008

Check if a connection can be made to "OAM" database instance using the "wpuser" schema user

Table 696 UP_CHK_DBS_008 details

Name	Value/Description
Application	UPM
Category	Database
Validation Check Identifier	UP_CHK_DBS_008
Command	Create a file by name "shellQuery" with permissions 755 and having the following contents: #!/bin/sh su - oracle8 -c "sqlplus wpuser/comverse@OAM <<EOSQL " Execute the file and check if the you get a connection success message
Recommended Action ID	UP_REC_DBS_008
Recommended Action	Add the schema user "wpuser" for the OAM instance (if it does not already exist)
Automation Status	Automated
Release Date	6/24/09

ENVIRONMENT

UP_CHK_ENV_001

Check if "JBOSS_HOME" exists in root profile

Table 697 UP_CHK_ENV_001 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_001
Command	echo \$JBOSS_HOME
Recommended Action ID	UP_REC_ENV_001
Recommended Action	Set the environment variable JBOSS_HOME in the "root" profile
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_002

Check if "JAVA_HOME" exists in root profile

Table 698 UP_CHK_ENV_002 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_002
Command	echo \$JAVA_HOME
Recommended Action ID	UP_REC_ENV_002
Recommended Action	Set the environment variable JAVA_HOME in the "root" profile
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_003

Check if "ANT_HOME" exists in root profile

Table 699 UP_CHK_ENV_003 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_003
Command	echo \$ANT_HOME
Recommended Action ID	UP_REC_ENV_003
Recommended Action	Set the environment variable ORACLE_HOME in the "root" profile
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_004

Check if "PERL5LIB" exists in root profile

Table 700 UP_CHK_ENV_004 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_004
Command	echo \$PERL5LIB

Table 700 UP_CHK_ENV_004 details

Name	Value/Description
Recommended Action ID	UP_REC_ENV_004
Recommended Action	Set the environment variable SCORE_HOME in the "root" profile
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_006

Check if "ORACLE_HOME" exists in root profile

Table 701 UP_CHK_ENV_006 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_006
Command	echo \$ORACLE_HOME
Recommended Action ID	UP_REC_ENV_006
Recommended Action	Set the environment variable PERL5LIB in the "root" profile
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_007

Check if "LD_LIBRARY_PATH" exists in root profile

Table 702 UP_CHK_ENV_007 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_007
Command	echo \$LD_LIBRARY_PATH
Recommended Action ID	UP_REC_ENV_007
Recommended Action	Set the environment variable LD_LIBRARY_PATH in the "root" profile
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_012

Check if "JBOSS_HOME" is set to the same value in both "oracle8" and "root" profiles

Table 703 UP_CHK_ENV_012 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_012
Command	For root profile: su - -c "echo \$JBOSS_HOME" For oracle8 profile: su - oracle8 -c "echo \$JBOSS_HOME"
Recommended Action ID	UP_REC_ENV_012
Recommended Action	Set the same value of JBOSS_HOME in both "root" and "oracle8" profile
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_013

Check if "PERL5LIB" is set to the same value in both "oracle8" and "root" profiles

Table 704 UP_CHK_ENV_013 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_013
Command	For root profile: su - -c "echo \$JPERL5LIB" For oracle8 profile: su - oracle8 -c "echo \$PERL5LIB"
Recommended Action ID	UP_REC_ENV_013
Recommended Action	Set the same value of PERL5LIB in both "root" and "oracle8" profile
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_015

Check if "ulimit -n 8192" is set in the "root" bash profile

Table 705 UP_CHK_ENV_015 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_015
Command	grep -s 'ulimit -n 8192' /root/.bash_profile
Recommended Action ID	UP_REC_ENV_015
Recommended Action	Set "ulimit -n 8192" in the "root" bash profile
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_063

Check if "ulimit -n 8192" is set in the "root" bashrc profile

Table 706 UP_CHK_ENV_063 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_063
Command	grep -s 'ulimit -n 8192' /root/.bashrc
Recommended Action ID	UP_REC_ENV_063
Recommended Action	Set "ulimit -n 8192" in the "root" bashrc profile
Automation Status	Automated
Release Date	8/28/09

UP_CHK_ENV_016

Check if "ANT" executable is defined on the PATH

Table 707 UP_CHK_ENV_016 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_016
Command	ant -version

Table 707 UP_CHK_ENV_016 details

Name	Value/Description
Recommended Action ID	UP_REC_ENV_016
Recommended Action	Install ANT and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_017

Check if "JAVA" executable is defined on the PATH

Table 708 UP_CHK_ENV_017 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_017
Command	java -help
Recommended Action ID	UP_REC_ENV_017
Recommended Action	Install JAVA and ensure that it is available in the system PATH
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_061

Check if the "localhost" entry is defined in "/etc/hosts" and is pingable

Table 709 UP_CHK_ENV_061 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_061
Command	ping localhost
Recommended Action ID	UP_REC_ENV_061
Recommended Action	Add the entry "localhost" to the "/etc/hosts" with a valid IP address and ensure that it is pingable.
Automation Status	Automated
Release Date	8/21/09

UP_CHK_ENV_018

Check if the "secserv" entry is defined in "/etc/hosts" and is pingable

Table 710 UP_CHK_ENV_018 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_018
Command	ping secserv
Recommended Action ID	UP_REC_ENV_018
Recommended Action	Add the entry "secserv" to file "/etc/hosts" with a valid IP address and ensure that it is pingable.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_019

Check if "upm" entry is defined in "/etc/hosts" and is pingable

Table 711 UP_CHK_ENV_019 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_019
Command	ping upm
Recommended Action ID	UP_REC_ENV_019
Recommended Action	Add the entry "upm" to file "/etc/hosts" with a valid IP address and ensure that it is pingable.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_020

Check if "blus" entry is present in "/etc/hosts" and is pingable

Table 712 UP_CHK_ENV_020 details

Name	Value/Description
Application	UPM

Table 712 UP_CHK_ENV_020 details

Name	Value/Description
Category	Environment
Validation Check Identifier	UP_CHK_ENV_020
Command	ping blus
Recommended Action ID	UP_REC_ENV_020
Recommended Action	Add the entry "blus" to the "/etc/hosts" with a valid IP address and ensure that it is pingable.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_062

Check if /staging/billing/bin directory exists (i.e. check if the ORP package is installed)

Table 713 UP_CHK_ENV_062 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_062
Command	ls -l /staging/billing/ grep -w "bin"
Recommended Action ID	UP_REC_ENV_062
Recommended Action	Install the ORP package
Automation Status	Automated
Release Date	8/28/09

UP_CHK_ENV_022

Check if "/staging/billing/envSetting.env" file is present

Table 714 UP_CHK_ENV_022 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_022

Table 714 UP_CHK_ENV_022 details

Name	Value/Description
Command	Check if any one of these files is present (in the same order): 1) ls -l /staging/billing/envSetting.env 2) ls -l /staging/billing/envSetting.env.tcsh 3) ls -l /staging/billing/envSetting.env.ksh
Recommended Action ID	UP_REC_ENV_022
Recommended Action	Check if the billing package is installed. Then check if the required ENV file is available in "/staging/billing" directory. The ENV file can be "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh".
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_023

Check if "cbsuser" is the owner of "/staging/billing/envSetting.env" file or not

Table 715 UP_CHK_ENV_023 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_023
Command	ls -ltr /staging/ grep -w billing awk '{print \$3}'
Recommended Action ID	UP_REC_ENV_023
Recommended Action	Check if the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh" is installed with "cbsuser" as the owner.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_060

Check if the specified ".profile" file has any errors or echo statements

Table 716 UP_CHK_ENV_060 details

Name	Value/Description
Application	UPM
Category	Environment

Table 716 UP_CHK_ENV_060 details

Name	Value/Description
Validation Check Identifier	UP_CHK_ENV_060
Command	su - <user> -c ""
Recommended Action ID	UP_REC_ENV_060
Recommended Action	If the check is on UPM/Billing/SDP, then the user profile to check is "cbsuser"; else if the check is on Offrater, then the user profile to check is "sncpuser". Check if the user's .profile file has any errors/echo statements/clear statements. If yes, then comment them and check again.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_024

Check if "/staging/billing/envSetting.env" file can be sourced properly using "cbsuser"

Table 717 UP_CHK_ENV_024 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_024
Command	su - cbsuser -c 'ksh -c " . /staging/billing/envSetting.env"'
Recommended Action ID	UP_REC_ENV_024
Recommended Action	Ensure that the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh" can be sourced correctly without any errors or any output messages.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_021

Check if "/staging/billing" directory is installed with "cbsuser"

Table 718 UP_CHK_ENV_021 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_021

Table 718 UP_CHK_ENV_021 details

Name	Value/Description
Command	ls -ltr /staging/ grep -w billing awk '{print \$3}'
Recommended Action ID	UP_REC_ENV_021
Recommended Action	Install the "/staging/billing" directory with the owner as "cbsuser"
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_025

Check if variable "ARBOR_CATALOG_DATABASE" is set in "/staging/billing/envSetting.env"

Table 719 UP_CHK_ENV_025 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_025
Command	su - cbsuser -c 'ksh -c ". /staging/billing/envSetting.env;echo \$ARBOR_CATALOG_DATABASE"'
Recommended Action ID	UP_REC_ENV_025
Recommended Action	Set the variable "ARBOR_CATALOG_DATABASE" with a valid and non-null value in the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh"
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_026

Check if variable "ARBORDBU" is set in "/staging/billing/envSetting.env"

Table 720 UP_CHK_ENV_026 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_026
Command	su - cbsuser -c 'ksh -c ". /staging/billing/envSetting.env;echo \$ARBORDBU"'
Recommended Action ID	UP_REC_ENV_026

Table 720 UP_CHK_ENV_026 details

Name	Value/Description
Recommended Action	Set the variable "ARBORDBU" with a valid and non-null value in the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh"
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_027

Check if variable "ARBORDIR" is set in "/staging/billing/envSetting.env"

Table 721 UP_CHK_ENV_027 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_027
Command	su - cbsuser -c 'ksh -c ". /staging/billing/envSetting.env;echo \$ARBORDIR"'
Recommended Action ID	UP_REC_ENV_027
Recommended Action	Set the variable "ARBORDIR" with a valid and non-null value in the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh"
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_029

Check if variable "OAM_ENV_CONN_MA" is set to "TRUE" in "/staging/billing/envSetting.env"

Table 722 UP_CHK_ENV_029 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_029
Command	su - cbsuser -c 'ksh -c ". /staging/billing/envSetting.env;echo \$OAM_ENV_CONN_MA "'
Recommended Action ID	UP_REC_ENV_029

Table 722 UP_CHK_ENV_029 details

Name	Value/Description
Recommended Action	Set the variable "OAM_ENV_CONN_MA" with value as "TRUE" in the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh"
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_030

Check if variable "ISM_AGENT" is set to "22021" in "/staging/billing/envSetting.env"

Table 723 UP_CHK_ENV_030 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_030
Command	su - cbsuser -c 'ksh -c "/staging/billing/envSetting.env;echo \$ISM_AGENT"'
Recommended Action ID	UP_REC_ENV_030
Recommended Action	Set the variable "ISM_AGENT" with a value as "22021" in the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh"
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_031

Check if variable "ISM_AGENT_JAVA" is set to "22022" in "/staging/billing/envSetting.env"

Table 724 UP_CHK_ENV_031 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_031
Command	su - cbsuser -c 'ksh -c "/staging/billing/envSetting.env;echo \$ISM_AGENT_JAVA"'
Recommended Action ID	UP_REC_ENV_031

Table 724 UP_CHK_ENV_031 details

Name	Value/Description
Recommended Action	Set the variable "ISM_AGENT_JAVA" with a value as "22022" in the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh"
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_064

Check if the "ARBOR_CATALOG_DATABASE" database instance is up and running

Table 725 UP_CHK_ENV_064 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_064
Command	Create a file by name "shellQuery" with permissions 755 and having the following contents: #!/bin/sh su - oracle8 -c "tnsping <ARBOR_CATALOG_DATABASE_INSTANCE_NAME>;" Execute the file and check if the output indicates that the listener is up.
Recommended Action ID	UP_REC_ENV_064
Recommended Action	Check for the OAM entry in "tnsnames.ora file". If not present, then add the same to it.
Automation Status	Automated
Release Date	9/15/09

UP_CHK_ENV_040

Check if the server ids can be retrieved from the "ARBOR_CATALOG_DATABASE" database instance

Table 726 UP_CHK_ENV_040 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_040

Table 726 UP_CHK_ENV_040 details

Name	Value/Description
Command	Create a file by name "shellQuery" with permissions 755 and having the following contents: #!/bin/sh su - oracle8 -c "sqlplus -s cbs_owner/comverse@\$ARBOR_CATALOG_DATABASE <<EOSQL select DS_DATABASE, SERVER_ID from SERVER_DEFINITION;" (where, \$ARBOR_CATALOG_DATABASE contains the value of the Catalog database) Execute the file and check if the you get a list of server ids as the output
Recommended Action ID	UP_REC_ENV_040
Recommended Action	Set the catalog variable - "ARBOR_CATALOG_DATABASE" for Manager, Billing & SDP in the "/staging/billing/envSetting.env" file. In case of Offrater, set the catalog variable "\$ARBOR_ADMIN_DB_INST" in the "/home/sncpuser/omnisetup.sh" file.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_041

Check if the each server id of the catalog database instance is pingable

Table 727 UP_CHK_ENV_041 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_041
Command	Create a file by name "shellQuery" with permissions 755 and having the following contents: #!/bin/sh su - oracle8 -c "tnsping <server_id>" Execute the file and check if the you get a success message
Recommended Action ID	UP_REC_ENV_041
Recommended Action	Check if entries for each of the Server IDs (i.e.catalog database instances) is present in the "tnsnames.ora" file, so that they can be connected to. If any of the Server IDs are not required then it can be ignored.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_042

Check if the each server id of the catalog database instance can be connected to using "cbs_owner"

Table 728 UP_CHK_ENV_042 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_042
Command	Create a file by name "shellQuery" with permissions 755 and having the following contents: #!/bin/sh su - oracle8 -c "sqlplus cbs_owner/comverse@<server_id>" Execute the file and check if the you get a success message
Recommended Action ID	UP_REC_ENV_042
Recommended Action	Check if the Server IDs can be connected using user set in ARBORDBU variable in env file. Generally the user name is "cbs_owner". In case some of the Server IDs are not required then it can be ignored.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_043

Check if the deployment mode value is set

Table 729 UP_CHK_ENV_043 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_043
Command	grep deployment.mode \$JBOSS_HOME/conf/wrapper.conf
Recommended Action ID	UP_REC_ENV_043
Recommended Action	Check if "deployment.mode" variable is set to a valid value in the "JBOSS_HOME/conf/wrapper.conf" file.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_048

Check if variable "serverdef.instance.name" is set in \${jboss.home.dir}/conf/application.properties

Table 730 UP_CHK_ENV_048 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_048
Command	grep -w serverdef.instance.name \$JBOSS_HOME/conf/application.properties
Recommended Action ID	UP_REC_ENV_048
Recommended Action	Set the variable "\$ARBOR_CATALOG_DATABASE" in the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh". Once done, execute the script "refreshEnvironment.pl" present in the location "\$JBOSS_HOME/bin". It takes about 5 minutes to set the property in UP environment
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_049

Check if variable "database.instance.user" is set in \${jboss.home.dir}/conf/application.properties

Table 731 UP_CHK_ENV_049 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_049
Command	grep -w database.instance.user \$JBOSS_HOME/conf/application.properties
Recommended Action ID	UP_REC_ENV_049
Recommended Action	Set the variable "\$ARBORDBU" in the file "/staging/billing/envSetting.env" or "/staging/billing/envSetting.env.ksh" or "/staging/billing/envSetting.env.tcsh". Once done, execute the script "refreshEnvironment.pl" present in the location "\$JBOSS_HOME/bin". It takes about 5 minutes to set the property in UP environment
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_050

Check if variable "billing.batch.env.file" is set in \${jboss.home.dir}/conf/application.properties

Table 732 UP_CHK_ENV_050 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_050
Command	grep -w billing.batch.env.file \$JBOSS_HOME/conf/application.properties
Recommended Action ID	UP_REC_ENV_050
Recommended Action	Check if ENV file exists in "/staging/billing/" directory. If not present, then add the ENV file and execute the script "refreshEnvironment.pl" present in the location "\$JBOSS_HOME/bin".
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_051

Check if variable "billing.envfile.owner" is set in \${jboss.home.dir}/conf/application.properties

Table 733 UP_CHK_ENV_051 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_051
Command	grep -w billing.envfile.owner \$JBOSS_HOME/conf/application.properties
Recommended Action ID	UP_REC_ENV_051
Recommended Action	Check if env file exists in "/staging/billing/" directory. If not present add the ENV file and execute the script "refreshEnvironment.pl" present in the location "\$JBOSS_HOME/bin".
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_052

Check if variable "oracle.net.tns_admin" is set in \${jboss.home.dir}/conf/application.properties

Table 734 UP_CHK_ENV_052 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_052
Command	grep -w oracle.net.tns_admin \$JBOSS_HOME/conf/application.properties
Recommended Action ID	UP_REC_ENV_052
Recommended Action	Execute the script "refreshEnvironment.pl" present in the location "\$JBOSS_HOME/bin"
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_053

Check if variable "env.shell" is set in \${jboss.home.dir}/conf/application.properties

Table 735 UP_CHK_ENV_053 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_053
Command	grep -w env.shell \$JBOSS_HOME/conf/application.properties
Recommended Action ID	UP_REC_ENV_053
Recommended Action	Check if ENV file exists in "/staging/billing/" directory. If not present, then add the ENV file and execute the script "refreshEnvironment.pl" present in the location "\$JBOSS_HOME/bin"
Automation Status	Automated
Release Date	6/24/09

UP_CHK_ENV_054

Check if variable "catalog.server.ip" is set in \${jboss.home.dir}/conf/application.properties

Table 736 UP_CHK_ENV_054 details

Name	Value/Description
Application	UPM
Category	Environment

Table 736 UP_CHK_ENV_054 details

Name	Value/Description
Validation Check Identifier	UP_CHK_ENV_054
Command	grep -w catalog.server.ip \$JBOSS_HOME/conf/application.properties
Recommended Action ID	UP_REC_ENV_054
Recommended Action	Set the variable "catalog.server.ip" in file "\$JBOSS_HOME/conf/application.properties"
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_055

Check if variable "catalog.server.dbname" is set in \${jboss.home.dir}/conf/application.properties

Table 737 UP_CHK_ENV_055 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_055
Command	grep -w catalog.server.dbname \$JBOSS_HOME/conf/application.properties
Recommended Action ID	UP_REC_ENV_055
Recommended Action	Set the variable "catalog.server.dbname" in file "\$JBOSS_HOME/conf/application.properties"
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_056

Check if variable "catalog.dbname.user" is set in \${jboss.home.dir}/conf/application.properties

Table 738 UP_CHK_ENV_056 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_056
Command	grep -w catalog.dbname.user \$JBOSS_HOME/conf/application.properties

Table 738 UP_CHK_ENV_056 details

Name	Value/Description
Recommended Action ID	UP_REC_ENV_056
Recommended Action	Set the variable "catalog.dbname.userr" in file "\$JBOSS_HOME/conf/application.properties"
Automation Status	Automated
Release Date	8/18/09

UP_CHK_ENV_059

Check if "Database_RG" is configured

Table 739 UP_CHK_ENV_059 details

Name	Value/Description
Application	UPM
Category	Environment
Validation Check Identifier	UP_CHK_ENV_059
Command	hagrp -state grep -wi Database_RG grep -wi ONLINE
Recommended Action ID	UP_REC_ENV_059
Recommended Action	Check if "DATABASE_RG" is present in the output of "clRGinfo" command.
Automation Status	Automated
Release Date	10/19/09

INSTALLATION**UP_CHK_INS_001**

Check if \$JBOSS_HOME/process directory is present

Table 740 UP_CHK_INS_001 details

Name	Value/Description
Application	UPM
Category	Installation
Validation Check Identifier	UP_CHK_INS_001
Command	ls -l \$JBOSS_HOME grep -w "process"

Table 740 UP_CHK_INS_001 details

Name	Value/Description
Recommended Action ID	UP_REC_INS_001
Recommended Action	Check if the process component package is installed. Check if the directory "\$JBOSS_HOME/process" exists with process files in it.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_INS_004

Check if Check if \${jboss.home.dir}/process/workpoint directory is present directory is present

Table 741 UP_CHK_INS_004 details

Name	Value/Description
Application	UPM
Category	Installation
Validation Check Identifier	UP_CHK_INS_004
Command	ls -l \$JBOSS_HOME/process grep -w "workpoint"
Recommended Action ID	UP_REC_INS_004
Recommended Action	Check if the process component package is installed. Check if the directory "\$JBOSS_HOME/process/workpoint" exists with process files in it.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_INS_005

Check if \${jboss.home.dir}/process/instrumented directory contains process CFGs

Table 742 UP_CHK_INS_005 details

Name	Value/Description
Application	UPM
Category	Installation
Validation Check Identifier	UP_CHK_INS_005
Command	ls -l \$JBOSS_HOME/process/instrumented/*.icfg wc -l
Recommended Action ID	UP_REC_INS_005
Recommended Action	Check if there exists .icfg files in the \$JBOSS_HOME/process/instrumented directory

Table 742 UP_CHK_INS_005 details

Name	Value/Description
Automation Status	Automated
Release Date	8/18/09

UP_CHK_INS_002

Check if "ProcessManager" Service has started

Table 743 UP_CHK_INS_002 details

Name	Value/Description
Application	UPM
Category	Installation
Validation Check Identifier	UP_CHK_INS_002
Command	\$JBoss_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD status grep "ProcessManagerService"
Recommended Action ID	UP_REC_INS_002
Recommended Action	Check the "wrapper.log" or "ProcessManagerService.log" in "\$JBoss_HOME/log" for any errors
Automation Status	Automated
Release Date	6/24/09

UP_CHK_INS_003

Check if "ProcessHandler" Service has started

Table 744 UP_CHK_INS_003 details

Name	Value/Description
Application	UPM
Category	Installation
Validation Check Identifier	UP_CHK_INS_003
Command	\$JBoss_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD status grep "ProcessHandlerService"
Recommended Action ID	UP_REC_INS_003
Recommended Action	Check the "wrapper.log" or "ProcessHandlerService.log" in "\$JBoss_HOME/log" for any errors
Automation Status	Automated

Table 744 UP_CHK_INS_003 details

Name	Value/Description
Release Date	6/24/09

NETWORK

UP_CHK_NET_002

Check if SSH can connect from PEER to LOCAL node through the cross-link without being prompted for a password

Table 745 UP_CHK_NET_002 details

Name	Value/Description
Application	UPM
Category	Network
Validation Check Identifier	UP_CHK_NET_002
Command	ssh <peer_cross> ssh <hostname>
Recommended Action ID	UP_REC_NET_002
Recommended Action	<p>Add the entry for the PEER node in the REMOTE \$HOME/.rhosts file. This file allows you to execute commands on remote nodes without being prompted for a password. The permissions on this file usually must be 0644 ([rw-r--r--]). It must exist in your home directory on every node that you need to use rsh with. Each line in the .rhosts file indicates a machine and user that programs may be launched from. For example, if the user abcd wishes to launch programs from the machine abcdmachine to the machines alpha, beta, and gamma, there must be a .rhosts file on each of the three remote machines ([alpha], beta, and gamma) with at least the following line in it:</p> <p>abcdmachine abcd</p> <p>The first field indicates the name of the machine where jobs may originate from; the second field indicates the user ID who may originate jobs from that machine</p>
Automation Status	Automated
Release Date	6/24/09

UP_CHK_NET_003

Check if SSH can connect from LOCAL to PEER node through the cross-link without being prompted for a password

Table 746 UP_CHK_NET_003 details

Name	Value/Description
Application	UPM

Table 746 UP_CHK_NET_003 details

Name	Value/Description
Category	Network
Validation Check Identifier	UP_CHK_NET_003
Command	ssh <peer_cross>
Recommended Action ID	UP_REC_NET_003
Recommended Action	<p>Add the entry for the PEER node in the LOCAL \$HOME/.rhosts file. This file allows you to execute commands on remote nodes without being prompted for a password. The permissions on this file usually must be 0644 ([rw-r--r--]). It must exist in your home directory on every node that you need to use rsh with. Each line in the .rhosts file indicates a machine and user that programs may be launched from. For example, if the user abcd wishes to launch programs from the machine abcdmachine to the machines alpha, beta, and gamma, there must be a .rhosts file on each of the three remote machines ([alpha], beta, and gamma) with at least the following line in it:</p> <pre>abcdmachine abcd</pre> <p>The first field indicates the name of the machine where jobs may originate from; the second field indicates the user ID who may originate jobs from that machine</p>
Automation Status	Automated
Release Date	6/24/09

UP_CHK_NET_004

Check if SSH can connect from PEER to PEER node without being prompted for a password

Table 747 UP_CHK_NET_004 details

Name	Value/Description
Application	UPM
Category	Network
Validation Check Identifier	UP_CHK_NET_004
Command	ssh <peer_cross> ssh <peer>
Recommended Action ID	UP_REC_NET_004

Table 747 UP_CHK_NET_004 details

Name	Value/Description
Recommended Action	<p>Add the entry for the LOCAL node in the REMOTE \$HOME/.rhosts file. This file allows you to execute commands on remote nodes without being prompted for a password. The permissions on this file usually must be 0644 ([rw-r--r--]). It must exist in your home directory on every node that you need to use rsh with. Each line in the .rhosts file indicates a machine and user that programs may be launched from. For example, if the user abcd wishes to launch programs from the machine abcdmachine to the machines alpha, beta, and gamma, there must be a .rhosts file on each of the three remote machines ([alpha], beta, and gamma) with at least the following line in it: abcdmachine abcd</p> <p>The first field indicates the name of the machine where jobs may originate from; the second field indicates the user ID who may originate jobs from that machine</p>
Automation Status	Automated
Release Date	6/24/09

PLATFORM

UP_CHK_PLF_002

Check if the filesystem that will contain JBOSS_HOME directory, has sufficient space for installation

Table 748 UP_CHK_PLF_002 details

Name	Value/Description
Application	UPM
Category	Platform
Validation Check Identifier	UP_CHK_PLF_002
Command	df -g <jboss_parent_directory> grep -v Filesystem awk '{print \$3}' tail -1
Recommended Action ID	UP_REC_PLF_002
Recommended Action	Free at least 1GB of memory space in the filesystem that will contain "JBOSS_HOME" directory
Automation Status	Automated
Release Date	6/24/09

UP_CHK_PLF_001

Check if NTP is running and correctly synced with the External Time Server

Table 749 UP_CHK_PLF_001 details

Name	Value/Description
Application	UPM
Category	Platform
Validation Check Identifier	UP_CHK_PLF_001
Command	ntpq -p Check the "delay" field in the row marked with * in the "remote" column. If the delay is "0", then machine time is in sync with the external server.
Recommended Action ID	UP_REC_PLF_001
Recommended Action	Start that the NTP service if it is not already running and ensure that it is synchronised with the external server.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_PLF_005

Check if the date on the local node and peer node is same

Table 750 UP_CHK_PLF_005 details

Name	Value/Description
Application	UPM
Category	Platform
Validation Check Identifier	UP_CHK_PLF_005
Command	date +"%T %a %d %h %y"
Recommended Action ID	UP_REC_PLF_005
Recommended Action	Set the same system time in both the local and peer nodes.
Automation Status	Automated
Release Date	8/18/09

UP_CHK_PLF_003

Check if there is sufficient physical memory available on the device

Table 751 UP_CHK_PLF_003 details

Name	Value/Description
Application	UPM
Category	Platform

Table 751 UP_CHK_PLF_003 details

Name	Value/Description
Validation Check Identifier	UP_CHK_PLF_003
Command	free -m grep -i "mem" awk '{print \$2}'
Recommended Action ID	UP_REC_PLF_003
Recommended Action	Ensure that the device has sufficient physical memory (as indicated by the check)
Automation Status	Automated
Release Date	6/30/09

UP_CHK_PLF_004

Check if the total memory in both the nodes is equal

Table 752 UP_CHK_PLF_004 details

Name	Value/Description
Application	UPM
Category	Platform
Validation Check Identifier	UP_CHK_PLF_004
Command	free grep Mem awk '{print \$2}'
Recommended Action ID	UP_REC_PLF_004
Recommended Action	Ensure that the host and peer nodes have the same amount of total memory.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_PLF_006

Check if "/backup" is a link to "/backup_vol"

Table 753 UP_CHK_PLF_006 details

Name	Value/Description
Application	UPM
Category	Platform
Validation Check Identifier	UP_CHK_PLF_006
Command	ls -l / grep backup
Recommended Action ID	UP_REC_PLF_006

Table 753 UP_CHK_PLF_006 details

Name	Value/Description
Recommended Action	Ensure that "backup" is a soft link to "/backup_vol"
Automation Status	Automated
Release Date	9/15/09

PMS

UP_CHK_PMS_001

Check if the supported process types are loaded

Table 754 UP_CHK_PMS_001 details

Name	Value/Description
Application	UPM
Category	PMS
Validation Check Identifier	UP_CHK_PMS_001
Command	\$JBOSS_HOME/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD list_process_types
Recommended Action ID	UP_REC_PMS_001
Recommended Action	Check "\$JBOSS_HOME/process/instrumented/" directory. There should be ".icfg" files present. If they are present, then execute from mshell the command "list_process_types". If it does not show any process then check "ProcessHandlerService" in "\$JBOSS_HOME/log/" directory for any errors.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_PMS_002

Check if the server id is set

Table 755 UP_CHK_PMS_002 details

Name	Value/Description
Application	UPM
Category	PMS
Validation Check Identifier	UP_CHK_PMS_002

Table 755 UP_CHK_PMS_002 details

Name	Value/Description
Command	<code>\$JBOSS_HOME_DIR/bin/mshell \$MSHELL_USER_NAME/\$MSHELL_PASSWORD list_process_types -bp <process_name> grep server_id</code>
Recommended Action ID	UP_REC_PMS_002
Recommended Action	<p>Ensure the following:</p> <p>Step 1 : Check if the "ARBOR_CATALOG_DATABASE" and "ARBORDBU" values are set correctly in ENV file. Try connecting to "ARBOR_CATALOG_DATABASE" using "ARBORDBU" using "sqlplus". Check the "SERVER_DEFINITION" table to see if there are Server IDs available.</p> <p>Step 2 : If Step 1 is OK, then check the values of "serverdef.instance.name" and "database.instance.user" in "\$JBOSS_HOME/conf/application.properties" file. It should be same as the values in Step 1. If not then execute "\$JBOSS_HOME/bin/refreshEnvironment.pl".</p> <p>Step 3: If Step 1 and Step 2 are OK, then check the command after 5 minutes. Otherwise check "\$JBOSS_HOME/log/ProcessHandlerService.log" for any errors reported.</p>
Automation Status	Automated
Release Date	6/24/09

UP_CHK_PMS_004

Check if Unified Platform is able to start processes

Table 756 UP_CHK_PMS_004 details

Name	Value/Description
Application	UPM
Category	PMS
Validation Check Identifier	UP_CHK_PMS_004
Command	No command is available. This is a manual check
Recommended Action ID	UP_REC_PMS_004

Table 756 UP_CHK_PMS_004 details

Name	Value/Description
Recommended Action	<p>(a) Check if Unified Platform is able to start a process. This can be done by executing the MSHELL command "list_processes". If the process status is "NOEXEC", then check if an alarm is seen for the process using the MSHELL command "list_active_events".</p> <p>(b) If an alarm exists, then check for any errors reported in process log present in /staging/billing/data/log. Try fixing the issue.</p> <p>(c) If the error is due to password retrieval from security server, then check if the credentials are available in the security server on UPM (by executing the MSHELL command "list_credential" on UPM). If the entry is unavailable, add the credential entry using MSHELL command "store_credential".</p> <p>(d) If the error indicates that a previous process entry exists in the "PROCESS_STATUS", then check if the entry for the process already exists in "PROCESS_STATUS" table of the Server ID (DB instance). If it does, then remove it (as it is due to a previous crashed process). Try starting the process.</p> <p>(e) After fixing, try starting the process from outside Unified Platform. If the process starts successfully, then try starting from Unified Platform.</p>
Automation Status	Automated
Release Date	9/15/09

UP_CHK_PMS_005

Check if "process.start.disable" (corresponding to flag "enable_process_start") is set to false in \${jboss.home.dir}/conf/process.properties

Table 757 UP_CHK_PMS_005 details

Name	Value/Description
Application	UPM
Category	PMS
Validation Check Identifier	UP_CHK_PMS_005
Command	grep -w '^process.start.disable' \$JBoss_HOME/conf/process.properties
Recommended Action ID	UP_REC_PMS_005
Recommended Action	This flag is set to "TRUE" when Unified Platform is installed. This is done so that the processes are started in a pre-defined order using Process Orchestration. To start processes manually, this flag needs to be set to "FALSE" (if using MSHELL using the command "enable_process_start") or it is done automatically is done through the GUI.
Automation Status	Automated
Release Date	9/15/09

PRE-REQUISITE

UP_CHK_REQ_001

Check if pre-requisite "Term::Size" Perl module is installed

Table 758 UP_CHK_REQ_001 details

Name	Value/Description
Application	UPM
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_001
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\\$_ if /\\\.pm\\\\z/ },no_chdir => 1 }, \\\@INC' grep -w Term/Size.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/Size.pm" in the output
Recommended Action ID	UP_REC_REQ_001
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_REQ_002

Check if pre-requisite "Term::ReadLine::Gnu" Perl module is installed

Table 759 UP_CHK_REQ_002 details

Name	Value/Description
Application	UPM
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_002

Table 759 UP_CHK_REQ_002 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$ _ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Term/ReadLine/Gnu.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadLine/Gnu.pm" in the output
Recommended Action ID	UP_REC_REQ_002
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_REQ_003

Check if pre-requisite "Text::Shellwords" Perl module is installed

Table 760 UP_CHK_REQ_003 details

Name	Value/Description
Application	UPM
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_003
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$ _ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Text/Shellwords.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Text/Shellwords.pm" in the output
Recommended Action ID	UP_REC_REQ_003
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated

Table 760 UP_CHK_REQ_003 details

Name	Value/Description
Release Date	6/24/09

UP_CHK_REQ_004

Check if pre-requisite "Term::ReadKey" Perl module is installed

Table 761 UP_CHK_REQ_004 details

Name	Value/Description
Application	UPM
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_004
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ };no_chdir => 1 }, \\@INC' grep -w Term/ReadKey.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Term/ReadKey.pm" in the output
Recommended Action ID	UP_REC_REQ_004
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_REQ_005

Check if pre-requisite "File::Remote" Perl module is installed

Table 762 UP_CHK_REQ_005 details

Name	Value/Description
Application	UPM
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_005

Table 762 UP_CHK_REQ_005 details

Name	Value/Description
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w File/Remote.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "TFile/Remote.pm" in the output
Recommended Action ID	UP_REC_REQ_005
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_REQ_006

Check if pre-requisite "Tie::File" Perl module is installed

Table 763 UP_CHK_REQ_006 details

Name	Value/Description
Application	UPM
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_006
Command	Create a file by name "perlQuery" with permissions 755 and having the following contents: #!/usr/bin/perl \$output = `perl -MFile::Find=find -MFile::Spec::Functions -TIw -e 'find { wanted => sub { print canonpath \\\$_ if /\\\\\\\\.pm\\\\\\\\z/ },no_chdir => 1 }, \\@INC' grep -w Tie/File.pm`; chomp(\$output); if((\$output eq "") (\$output eq \$null)) { print "NO DOCUMENTATION"; } else { print "\$output"; }; Execute the file and look fo the Perl module "Tie/File.pm" in the output
Recommended Action ID	UP_REC_REQ_006
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated

Table 763 UP_CHK_REQ_006 details

Name	Value/Description
Release Date	6/24/09

UP_CHK_REQ_007

Check if pre-requisite "readline" Perl module is installed

Table 764 UP_CHK_REQ_007 details

Name	Value/Description
Application	UPM
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_007
Command	rpm -qa grep -w \$rpm_name grep -v "readline"
Recommended Action ID	UP_REC_REQ_007
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	6/24/09

UP_CHK_REQ_008

Check if pre-requisite "readline-devel" Perl module is installed

Table 765 UP_CHK_REQ_008 details

Name	Value/Description
Application	UPM
Category	Pre-Requisite
Validation Check Identifier	UP_CHK_REQ_008
Command	rpm -qa grep -w "readline-devel"
Recommended Action ID	UP_REC_REQ_008
Recommended Action	Install the Unified Platform pre-requisite package.
Automation Status	Automated
Release Date	6/24/09

