

CA Business Service Insight

リリースノート

8.2



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第 1 章：概要

このドキュメントには、CA Business Service Insight 8.2 のリリース ノートが含まれます。以下の章ではリリースについて詳細を説明し、メインのドキュメントを補足するその他の情報を提供します。

このリリースは、品質、信頼性およびパフォーマンスにおいて改善が行われています。また、8 言語で国際化/ローカライズされ、新しい機能も追加されています。

第 2 章：新機能

このセクションでは、このリリースで導入された新機能について説明します。

このセクションには、以下のトピックが含まれています。

[国際化およびローカライゼーションのサポート](#) (P. 12)

[ACE](#) (P. 13)

[Catalyst Connector](#) (P. 14)

[コンテンツ転送](#) (P. 15)

[顧客の問題/リクエスト](#) (P. 21)

[データベース](#) (P. 23)

[パスワードの非表示](#) (P. 24)

[インストール、マイグレーション、設定](#) (P. 25)

[国際化およびローカライゼーションのサポート](#) (P. 26)

[ITPAM 演算子](#) (P. 34)

[新しい ITPAM オペレータ](#) (P. 34)

[アップグレード パス](#) (P. 36)

国際化およびローカライゼーションのサポート

- CA Business Service Insight 8.2 は、以下の追加の言語をサポートするように国際化/ローカライズされました。
 - 中国語(簡体字)
 - 日本語
 - ポルトガル語(ブラジル)

サポートされている言語の全リストは次のとおりです。

- 中国語(簡体字)
- 英語
- フランス語
- ドイツ語
- イタリア語
- 日本語
- ポルトガル語(ブラジル)
- スペイン語
- これらの言語はクライアント、アダプタ、コンポーネントおよびブックレットのアドイン インストールに追加されており、自動的にインポートされます。
- インストーラでは、サポートされているすべての言語での CA Business Service Insight のインストールが可能です。
- デフォルトの言語はシステムのロケールによって決まります。
- T-Chart は、ローカライゼーションをサポートするためにバージョン 2011 にアップグレードされます。
- ダブル バイト言語でのエンティティの定義を可能にするため、ダブル バイトのスクリプト エディタが含まれています。

新しいスクリプト エディタ

新しいスクリプト エディタでは、日本や中国語(簡体字)などのダブル バイト文字の言語で名前を定義できます。

必要に応じて、標準スクリプト エディタの使用を継続することもできます。

ACE

タイムゾーンツール

ACE2 へマイグレートするメトリックにはすべて、タイムゾーン定義が必要です。

ACE タイムゾーンツールは、アプリケーション サーバのインストール中に ACE データベースのマイグレーションおよびアップグレード処理の一部として起動します。

システムのメトリックに含まれるタイムゾーン定義に、対応するタイムゾーン名がない場合、ツールにより警告の通知が表示されます。インストール ログにもメッセージが表示されます。

データベース接続の問題によるエラーが発生すると、ツールはログ ファイル (%OG_HOME%\bin) を作成し、ログ テーブルに警告メッセージを書き込みます。

カスタマ コミットメント

20524672 - ACE 管理 - 表示機能

インスタンス管理画面の表示をわかりやすくするため、「I」アイコンの意味を説明するテキストが追加されています。

JBoss 7.1.1

CA Business Service Insight バージョン 8.2 では、コードに多少変更を加えた JBoss バージョン 7.1.1 を使用します。スレッドプールの設定を有効にするための変更が、7.1.1 のコードに手動で追加されています。

変更 (¥Fixes¥PooledConnectionFactoryService.java) は次の位置から始まります。

```
Begin CA BSI code change
```

さらに、次の位置で終了します。

```
End CA BSI code change
```

Catalyst Connector

CA Business Service Insight の現在のリリースは Catalyst バージョン 3.2 をサポートします。

契約および契約関係者

すべての契約および契約関係者のリスト表示

コネクタは、すべての契約および契約関係者を公開します。

アラートの作成

契約または契約関係者の集計ステータスが変更されると、コネクタによってアラートが作成されます。

- 契約および契約関係者ごとに SLA の集計ステータスがあります。コネクタが起動すると、最初のアラートが 1 つ作成されます。集計ステータスが変更されると、このアラートが更新されます。

URL の公開

Catalyst Connector では、「BSI レポートへの契約または契約関係者のコンテキスト内での起動」を有効にする URL が公開されます。

- 契約または契約関係者のレポートリンクはアラートに含まれています。このレポート ページを開くことで、契約または契約関係者の詳細を参照できます。ユーザは最初にログインする必要があります。

関係の取得

Catalyst Connector では現在、以下の関係がリスト表示されます。

- 契約およびサービスの関係
- 契約および契約関係者の関係

メトリックの名前および値

メトリックの名前および値の取得

- Catalyst GetAvailableMetrics メソッドを使用すると、特定の契約またはサービスによって利用可能なメトリックを取得できます。
- Catalyst GetMetricValues メソッドを使用すると、特定の契約またはサービスによってメトリック値を取得できます。
- Catalyst GetAvailablePathMetrics メソッドを使用すると、契約とサービスの組み合わせによって利用可能なメトリックを取得できます。
- Catalyst GetMultipleMetricsValues メソッドを使用すると、契約とサービスの組み合わせによって利用可能なメトリック値を取得できます。

メトリック ステータス変更時のアラートの作成

- コネクタが起動すると、メトリックの初期ステータスを含む最初のアラートがメトリックごとに 1 つ作成されます。
- メトリックの準拠ステータスが「準拠」から「違反」に、またはその逆に変更されると、アラートが更新されます。

コンテンツ転送

このセクションでは、CA Business Service Insight の新しいコンテンツ転送機能について説明します。

新しいコンテンツ転送エンティティ

現在、以下のエンティティがコンテンツ転送機能によってサポートされています。

- アダプタ
- ブックレット
- 契約の現在のステータス
- 契約テンプレート
- 契約テンプレート セキュリティ
- データ ロード フォーム
- サービスレベル テンプレート
- サービスレベル テンプレート セキュリティ
- テンプレート フォルダ
- テンプレート ライブラリ
- テンプレート ライブラリ セキュリティ
- タイムスロット テンプレート

テンプレート転送ツリー

- 現在、コンテンツ転送では完全なテンプレートツリー構造がサポートされます。
 - 契約テンプレート 関連するエンティティは次のとおりです。
 - サービスドメイン
 - ドメイン カテゴリ
 - タイムゾーン
 - 単位
 - イベントタイプ
 - リソースタイプ
 - リソース
 - リソースグループ
 - リソースグループ ツリー
 - カスタム属性
 - ドキュメント
 - ビジネスロジック モジュール
 - テンプレートライブラリ
 - テンプレートフォルダ
 - [セキュリティ]/[サービスレベルテンプレートセキュリティ] (セキュリティ転送時およびテンプレート設定が「Y」に設定されている場合)
 - 事前定義済みレポート
ドキュメント:
 - ブックレットテンプレート (RTF)
 - ブックレットテンプレート (docx)
- 注: 契約転送はコミット済みテンプレートのみをサポートします。
- 注: 非バージョン エンティティは許可されません。
- 注: テンプレートはさまざまな親にリンクできます。コンテンツ転送は、テンプレートリンクおよび関連するツリー構造をすべて転送します。

- 契約テンプレートセキュリティ
 - 関連するエンティティは次のとおりです。
 - 選択済み契約関係者
 - 契約関係者グループ
 - 注: セキュリティは、ソース システムおよびターゲットシステムが「制限」セキュリティ モードを使用する場合にのみ転送されます。
 - 注: セキュリティは、その親の名前を使用します。「名前の変更」はサポートされていません。
- サービスレベル テンプレート
 - 関連するエンティティは次のとおりです。
 - サービスドメイン
 - ドメイン カテゴリ
 - タイム ゾーン
 - 単位
 - イベントタイプ
 - リソース タイプ
 - リソース
 - リソース グループ
 - リソース グループ ツリー
 - カスタム属性
 - ドキュメント
 - ビジネス ロジック モジュール
 - テンプレートライブラリ
 - テンプレートフォルダ
 - [契約テンプレート セキュリティ]/[サービスレベル テンプレート セキュリティ] (セキュリティ転送時およびテンプレート設定が「Y」に設定されている場合)
 - 注: 契約転送はコミット済みテンプレートのみをサポートします。
 - 注: 非バージョン エンティティは許可されません。
 - 注: テンプレートはさまざまな親にリンクできます。コンテンツ転送は、テンプレートリンクおよび関連するツリー構造をすべて転送します。

- サービスレベル テンプレート セキュリティ 関連するエンティティは次のとおりです。
 - 選択済み契約関係者
 - 契約関係者グループ

注: セキュリティは、ソース システムおよびターゲットシステムが「制限」セキュリティ モードを使用する場合にのみ転送されます。

注: セキュリティは、その親の名前を使用します。「名前の変更」はサポートされていません。
- テンプレート ライブラリ (テンプレートの設定パラメータが「Y」に設定される場合、関連するエンティティ[テンプレート ライブラリ セキュリティ]がサポートされます)。
- テンプレート ライブラリ セキュリティ 関連するエンティティは次のとおりです。
 - 選択済み契約関係者
 - 契約関係者グループ

注: セキュリティは、ソース システムおよびターゲットシステムが「制限」セキュリティ モードを使用する場合にのみ転送されます。

注: セキュリティは、その親の名前を使用します。「名前の変更」はサポートされていません。
- テンプレート フォルダ (関連するエンティティ[テンプレート ライブラリ]をサポートします)。フォルダが別の[テンプレート ライブラリ]にあるとき、同一の名前が許可されます。フォルダでは、[コンテンツ転送]ウィザードに親情報がリスト表示されます。

テンプレート セキュリティの機能強化

このセクションでは、テンプレート セキュリティに追加された 2 つの拡張機能について説明します。

- テンプレート ライブラリのセキュリティを転送できます。
- ライブラリおよびテンプレートはセキュリティに関連するエンティティです。ライブラリまたはテンプレートの転送時にセキュリティを転送するオプションを利用できます。

このオプションは、[管理]-[サイト設定]-[詳細]-[コンテンツ転送]の次の場所で設定できます。

- a. [テンプレート ライブラリ、契約テンプレート、サービスレベル テンプレートと共にセキュリティを転送] (Y/N)
 - 「Y」または「N」を選択します。
- b. [テンプレート ライブラリ セキュリティ転送の保存オプション [A/I/N]]
 - 「A」、「I」または「N」を選択します。

例

ソースでは TempLib1 が CP1 および CP2 によって、ターゲットでは TempLib1 が CP1、CP2 および CP3 によってそれぞれアクセス可能です。(TempLib1 の下にある) Contract Template1 は CP1 および CP3 によってアクセス可能です。

ソース

TempLib1 (CP1、CP2)

ターゲット

- TempLib1 (CP1、CP2、CP3)
- Contract Template1 (CP1、CP3)

オプション N: 転送時に含まれる項目にセキュリティを適用しません。

このジョブは失敗します。ターゲットで、Contract Template1 に親セキュリティのスコープ外である CP3 があります。

オプション A: 転送時に含まれる項目にセキュリティを適用します。

TempLib1 のセキュリティは TempLib1 (CP1、CP2)として転送されます。

Contract Template1 のセキュリティは Contract Template1 (CP1、CP2)として転送されます。

オプション I: 交差に含まれる項目にセキュリティを適用します。

TempLib1 のセキュリティは TempLib1 (CP1、CP2)として転送されます。

Contract Template1 のセキュリティは Contract Template1 (CP1)として転送されます。

顧客の問題/リクエスト

以下のカスタマ リクエストはバージョン 8.2 で実装されました。

20318858	ユーザがアダプタをスケジュールする際、開始時刻と期間がスケジュール画面に表示されます。しかし、この「期間」が Microsoft のスケジュールされたタスクの期間と一致していませんでした。これは、期間ではなく停止時刻が表示されていたためです。11:00 は 11 時間ではなく、11 時に停止することを表しています。 アダプタ スケジューラ画面のオプションは現在、「期間」ではなく「停止時間」に変更されています。
20489014	ウィジェットの境界およびタイトルの表示。 ウィジェットの境界およびタイトルの表示オプションをそれぞれ個別に設定できるようになりました。
20524672	ACE 管理の表示。 インスタンス管理画面の表示をわかりやすくするため、「I」アイコンの説明が追加されました。

- 20525515 ダッシュボード上の **DEVIATION TAG** の削除。
- ダッシュボードウィジェットで、測定値、偏差、境界およびしきい値オプションのどのパラメータを表示するかを設定できるようになりました。。さらに、ウィジェットの境界を表示または非表示にできます。
1. ウィジェットを右クリックして設定ダイアログ ボックスを表示します。
 2. [全般]タブで、表示する設定を選択します。
 3. [計算]タブで、しきい値のタイプ、およびしきい値が偏差または測定値のいずれを参照するかを選択します。
- 該当なし 変換スクリプトのユーザの詳細に追加された「カルチャ ID」により、使用するカルチャを定義できるようになりました。
- 該当なし 変換スクリプトの例外に対するタイムゾーン情報の追加のサポートにより、例外のタイムゾーンを定義できるようになりました。

データベース

- クリーン インストールで `alter_system.log` ファイルは作成されなくなりました。以下のログが作成されます。

- Oracle のログ ファイル(データベース インスタンスの作成時)
- `Build_TBS_Users.log`
- `build_schema.log`

- クリーン インストールに新しいスイッチが追加されています。`main.bat` を使用してデータベースを手動で実行する際、以下の 2 つの新しいスイッチを利用できます。

`-so`

(スキーマのみ)。この「スキーマのみ」スイッチは、インスタンスが存在し、そのインスタンスに役割、ユーザ、権限およびテーブルスペースが含まれることを前提としています。インストールでは単にスキーマ ユーザ(`oblicore` など)としてエンティティが作成されます。その他のエンティティは作成されません。

`-ns`

(スキーマなし)。この「スキーマなし」スイッチは、Oracle インスタンスとテーブルスペース、システム権限、役割および Oracle ユーザを作成します。このスイッチでは、`-so` スイッチと同じオブジェクトは作成されません。

注: これらのスイッチは Windows でのみサポートされています。

- バージョン 8.2 では、クリーン インストールおよびアップグレードの両方で、新しいテーブルスペースがそれぞれ 10 MB のデフォルト サイズで作成されます。サイズは 10 MB 単位で増加し、自動拡張可能で、合計サイズに制限はありません。
- すべての Oracle 実行可能ファイル(`dbca`、`netca` および `sqlplus`)のパスは `start_parameters.ini` ファイルにあります。そのため、環境変数内のパスには依存しません。この「非依存性」は、`dbca`、`netca` および `sqlplus` のコールに `Oracle_home` を使用する依存性に起因した問題の発生を防ぎます。
- 「`background_dump_dest`」、「`core_dump_dest`」および「`user_dump_dest`」の各パラメータが事前定義済みの正しい場所を指すようになりました。
 - `$OBLICORE_ROOT/Oblicoredb/admin/b_dump`
 - `$OBLICORE_ROOT/Oblicoredb/admin/c_dump`
 - `$OBLICORE_ROOT/Oblicoredb/admin/u_dump`
- `Adump` ディレクトリが管理で作成されており、`audit_trail_dest` パラメータはこのディレクトリを指します。

アップグレード ログ ファイル

旧バージョンからアップグレードするとき、CA Business Service Insight により 2 つのログ ファイルが生成されます。

OG8.xMigration.log

- **OG8.xMigration.log** ファイルは常に存在し、最後の実行時のエントリのみが含まれます。
- 最初のアップグレード(または、以前のアップグレード時のログファイルが存在しないとき)では、すべてのアップグレード ログ エントリがここに書き込まれます。最初のアップグレードが完了した時点では、他のログ ファイルは存在しません。
- 2 回目のアップグレードを開始するとき(または、ログ ファイル **OG8.xMigration.log** がすでに存在するとき)、このファイルの内容は、アップグレードの開始前に **OG8.xMigrationHist.log** ファイルに移動および追加されます。

OG8.xMigrationHist.log (アップグレード履歴)

- ファイル **OG8.xMigrationHist.log** はアップグレード履歴ファイルです。2 回目のアップグレードで作成され、現在のアップグレードより前のすべてのアップグレードのエントリが含まれます。
- 各アップグレードの開始時に、**OG8.xMigration.log** の内容(以前のアップグレード)が、このファイルに移動および追加されます。

パスワードの非表示

データベース接続文字列内のパスワードを、パスワード プレースホルダを使用して非表示にし、暗号化できます。

以下の場所/オブジェクト/文字列のパスワードを非表示にできます。

- SQL アダプタの接続文字列セグメント
- データロードフォームの接続文字列
- 自由形式レポートの接続文字列
- SQL アダプタのクエリビルダ
- SQL アダプタの接続文字列
- SQL アダプタのテスト接続文字列

インストール、マイグレーション、設定

- システムのインストールおよび設定に必要なユーザ操作を減らすため、いくつかのサードパーティ製品の前提条件がインストーラに統合されています。
 - Microsoft .NET 4.0
 - ODP.NET (11.2.0.3)
 - JAVA: 1.6.0 Update 16
 - JBOSS: JBOSS 7.1.1 にアップグレードされます
- JBOSS インストール ツールは不要になりました。JBOSS パッケージは、インストール時に必要なサードパーティ CD で配布されます。

国際化およびローカライゼーションのサポート

- CA Business Service Insight 8.2 は、以下の追加の言語をサポートするように国際化/ローカライズされました。
 - 中国語(簡体字)
 - 日本語
 - ポルトガル語(ブラジル)

サポートされている言語の全リストは次のとおりです。

- 中国語(簡体字)
- 英語
- フランス語
- ドイツ語
- イタリア語
- 日本語
- ポルトガル語(ブラジル)
- スペイン語
- これらの言語はクライアント、アダプタ、コンポーネントおよびブックレットのアドイン インストールに追加されており、自動的にインポートされます。
- インストーラでは、サポートされているすべての言語での **CA Business Service Insight** のインストールが可能です。
- デフォルトの言語はシステムのロケールによって決まります。
- T-Chart は、ローカライゼーションをサポートするためにバージョン 2011 にアップグレードされます。
- ダブル バイト言語でのエンティティの定義を可能にするため、ダブル バイトのスクリプトエディタが含まれています。

役割

CA Business Service Insight のクリーン インストールの実行後は、([管理]/[ユーザ管理]/[役割]の下に) Insight のスーパー管理者の役割が 1 つのみ存在します。

注: Insight のスーパー管理者の役割のみがローカライズされます。

役割パッケージ

役割パッケージから追加の役割をロードできます。必要に応じて役割を作成することもできます。

以下の手順に従います。

1. サポート サイトに移動し、パッケージ「CA Business Service Insight Predefined Roles r8.2」をダウンロードします。

このパッケージには以下のファイルが含まれています。

- rolesPackage.bat
- rolesPackage.sql (BSI インストール フォルダ内)

2. rolePackage.bat ファイルをダブルクリックします。
 - a. ユーザ名、パスワード、およびデータベース名を入力します。

初期データ

CA Business Service Insight は初期(シード)データでインストールされます。BSI のシード データは英語の文字列で、BSI のセットアップ時にデータベースにロードされます。シード データには、秒、米国ドル、各種テンプレート、機能、レポート、スクリプト、Insight スーパー管理者などのエンティティに加え、初期データ テーブル内のすべてのエンティティが含まれます。

バージョン 8.2 では、これらのエンティティを直接編集または変更することができません。対応する編集アイコンは無効になっています。ユーザはこれらの単位を複製し、必要に応じて変更し、別名で保存することができます。初期データがローカライズされます。

以下の表は、初期データ オブジェクトと、GUI メニュー内のそれらの場所を示しています。

アイテム	メニューの場所	初期データ
ACE - 計算ポリシー	管理/ ACE 管理/ 計算ポリシー	デフォルト/クラスタ化メトリック

アイテム	メニューの場所	初期データ
管理レポート	レポート/ レポートフォルダ/ 管理レポート	■ 管理 - データ ロード中フォーム - 保留中レコードを表示 ■ 管理 - スケジュール ステータス ■ 管理 ACE2 - 分析された変更 ■ 管理 ACE2 - 計算スケジュール ■ 管理 ACE2 - 契約別の計算スケジュール ■ 管理 ACE2 - 現在の計算ステータス ■ 管理 ACE2 - 契約別の現在の計算ステータス ■ 管理 ACE2 - ワーカー キュー モニタリング ■ 管理その他 - アダプタ ステータス ■ 管理その他 - 受信者ごとのアラート プロファイル ■ 管理その他 - リソース情報 ■ 管理その他 - SLALOM ランタイム エラー ■ 管理その他 - システム環境設定 ■ 管理その他 - システム統計 ■ 管理 PSL - 計算ステータス ■ 管理 PSL - 契約別の計算ステータス ■ 管理 PSL - サイクル ステータス ■ 管理 PSL - データ ページ - 履歴 ■ 管理 PSL - データ ページ - ステータス ■ 管理 PSL - 今後の計算 ■ 管理 PSL - 今後の計算サマリ ■ 管理 PSL - 再計算が必要なメトリックの数 ■ 管理 PSL - 再計算が必要なメトリックの数(グラフ) ■ 管理セキュリティ - ユーザ権限

アイテム	メニューの場所	初期データ
管理 DB レポート	レポート/ レポートフォルダ/ 管理 DB レポート	■ 管理 DB - データベースオブジェクト分析ステータス ■ 管理 DB - Oracle パラメータリスト ■ 管理 DB - テーブル インデックス ■ 管理 DB - 表領域のステータス ■ 管理 DB - 表領域の使用状況
アラート デバイス	レポート/アラート/ アラート デバイス	■ コマンドライン ■ 電子メール ■ ポップアップ ■ SMS
ビジネス ロジック モジュール	デザイン/ ファンデーション エンティティ/ ビジネス ロジック モジュール	■ クイック メトリック平均 ■ クイック メトリック カウント ■ クイック メトリック フィルタリング ■ クイック メトリック マッピング ■ クイック メトリック最大 ■ クイック メトリック最小 ■ クイック メトリック合計
ビジネス ロジック テンプレート	デザイン/ ファンデーション エンティティ/ビジネス ロジック テンプレート	■ SLALOM フレームワーク テンプレート
変更セット	デザイン/リソース/ 変更セット	デフォルト変更セット 注: この編集アイコンは有効になっています。名前および説明の「デフォルト」は編集できません。ただし、「デフォルト有効日」および「ステータス」は編集できます。
ドキュメント リポジトリ	管理/ ドキュメント リポジトリ	■ SLA テンプレート ■ ブックレット テンプレート (docx) ■ ブックレット テンプレート (RTF)

アイテム	メニューの場所	初期データ
関数	デザイン/ ファンデーション エン ティティ/ 関数	■ 平均 ■ 総数 ■ 最大 ■ 最小 ■ 合計
事前定義済 みレポート	レポート/ レポートフォルダ/ 事前定義済みレポート	■ すべてのメトリックレポート(今月) ■ すべてのメトリックレポート(先月) ■ サービスレベル - メトリック対ターゲット(今月) ■ サービスレベル コンプライアンス(今月) ■ サービスレベル コンプライアンス(先月)
役割	管理/ ユーザ管理/ 役割	Insight スーパー管理者
サービスドメ イン	デザイン/ ファンデーション エン ティティ/サービスドメイ ン	汎用計算式
タイムゾーン	管理/ サイト設定/ タイムゾーン	GMT
変換スクリプ ト	デザイン/変換/ 変換スクリプト	デフォルト変換スクリプト
変換テーブ ル	デザイン/変換/ 変換テーブル	デフォルト変換テーブル

アイテム	メニューの場所	初期データ
単位	デザイン/ ファンデーション エン ティティ/ 単位	■ # ■ 支払 (%) ■ BPS ■ ユーロ ■ 時間 ■ 日本円 ■ 分単位 ■ パーセント ■ ポンド ■ 秒数 ■ スイスフラン ■ 米国ドル

UI の変更

ユーザ インターフェースは、[管理]/[ユーザ管理]/[役割]に翻訳さるようになりました([サポート対象言語](#) (P. 12)を参照)。

詳細設定

[詳細設定]メニュー項目のノードおよび子ノードがそれぞれローカライズされます。パラメータ名およびヒントはローカライズされた言語では表示されません。

注: パラメータ値はローカライズされません。

レポート

以下のレポートフォルダのレポート名、フォルダ名、説明、ヒントおよびいくつかのラベルがローカライズされます。

- 管理レポート
- 管理 DB レポート
- 事前定義済みレポート

以下のビューがローカライズされます。

- ショートカットの作成
- TeeChart を含むレポートの生成
- [レポートフォルダ]メニュー
- レポートリスト(レポート名、説明およびヒント)
- レポートウィザード(サービスマインおよびドメイン カテゴリの初期データ)
- ルートフォルダ

T-Chart

T-Chart は、2010 から 2011 にアップグレードされます。さらに、レポート名およびレポートの凡例がローカライズされます。

スクリプト エディタ

CA Business Service Insight では、2 つのスクリプト エディタのいずれかを使用できます。設定は次の場所にあります。

[管理]-[サイト設定]-[詳細]-[システム]-[リッチ スクリプト エディタを使用]

エディタ	設定	説明
プレーンテキスト エディタ	いいえ	日本語および中国語などダブル バイト言語をサポートします。ユーザは、リソースまたはイベント タイプなどのエンティティを一から作成したり、ダブル バイト言語でエンティティ名を記述することができます。
リッチ スクリプト エディタ	はい	西洋言語のみをサポートします。

スクリプトエディタコントロールは、以下の 5 つのページに含まれています。

- [変換スクリプト詳細] ページ
- [統合スクリプト詳細] ページ
- ビジネス ロジック モジュール
- [メトリック詳細] ページ
- ビジネス ロジック テンプレート

ITPAM 演算子

CA Business Service Insight をカスタマの既存の ITPAM プロセスに統合するために、カスタマイズされた SOAP コールである ITPAM 演算子が用意されています。詳細については、CA Business Service Insight の SDK ガイドを参照してください。「オープン API、ITPAM 演算子」を参照してください。

新しい ITPAM オペレータ

- 簡単なインストール
- 改善されたソリューションおよび統合機能
 - CA Business Service Insight オブジェクトは、Catalyst を使用することにより統合が容易になりました。
 - 新しい ITPAM オペレータにより、Catalog、SD、Clarity などのさまざまな CA 製品におけるオートメーションの一部として CA Business Service Insight を利用することができます。
- サポート可能性
 - パスワードの非表示
 - パスワードの非表示
- 追加のコンテンツ転送エンティティ

パスワード ユーティリティ

パスワード ユーティリティを使用すると、データベース接続文字列内のパスワードを非表示にして暗号化することができます。今までは、これらは常に表示されていました。

パスワード ユーティリティを使用すると、以下が可能になります。

- パスワードを非表示にし、プレースホルダを代わりに使用。
- データベース接続用のパスワードを一元化された場所から更新。
- データソースの更新 (TNS 名)
- サービスに属するパスワードの更新
- COM+ パスワードの更新

注: パスワード ユーティリティへのパス:

%OG_HOME%\Utilities\PassUpdate\PassUpdate.exe

- SQL アダプタの接続文字列
- SQL アダプタの接続文字列セグメント
- SQL アダプタ内のクエリビルダ
- SQL アダプタ内のテスト接続文字列
- 自由形式レポート内の接続文字列
- データロードフォーム内の接続文字列

サポート可能性

システム インストールおよび設定を簡略化するために、前提条件となる以下のサードパーティ製品がインストール手順に統合されました。

- Microsoft .NET 4.0
- ODP.NET (11.2.03)
- JAVA - 1.6.0 Update 16
- JBoss バージョン 7.1

JBoss インストール ツールは不要になりました。JBoss パッケージは現在、インストール中に必要となるサードパーティ CD で配布されています。

- ACE 移行サービス

ACE 移行サービスを使用すると、元の ACE1 インスタンスを保持することなく、ACE1 から ACE2 にメトリックをマイグレートすることができます。

アップグレード パス

バージョン 8.2 でサポートされているアップグレード パスは次のとおりです。

- 7.0 SP1
- 8.0
- 8.0.1
- 8.1
- 8.1.1

第 3 章：既知の問題

このセクションでは、CA Business Service Insight 8.2 で検出された既知の問題、および可能な場合はそれらの回避策を示します。これらの問題を 2 つのサブセクションに分けて説明します。

- CA Business Service Insight 8.2 の問題：現在のバージョンで検出された問題です。
- 旧バージョンの問題：旧バージョンからある問題で、現在のバージョンにも引き続き適用されるものです。

このセクションには、以下のトピックが含まれています。

[CA Business Service Insight 8.2 の問題 \(P. 37\)](#)

[旧バージョンの問題 \(P. 39\)](#)

CA Business Service Insight 8.2 の問題

このセクションでは、このバージョンで検出された問題について説明します。

ACE の問題

- 38282 何千ものメトリックを ACE1 から ACE2 へマイグレートするとエラーが発生することがあります。
- 回避策：**大規模システムでは、すべてのメトリックのマイグレーションが完了するまで 1000 単位でメトリックがマイグレートされます。
- 38284 受信側のタスクがメトリックを計算しようとする、送信側のタスクがその計算を実行できるまで十分に処理されていないために計算をブロックされることがあります。これは問題のないケースですが、次のテキストと共にエラーがログに書き込まれます。
- Error: "#111 the calculation dates boundaries for task X are invalid Dates: [Z - Y]."
- 注：**このメッセージは受信側で計算を開始できるようになるまで何度も書き込まれます。このエラー メッセージは無視できます。

初期データのレポート スケジュール

バージョン 8.2 では、初期データのエンティティを編集することはできなくなり、対応する編集アイコンは無効になります。あるいは別の方法で直接変更します。

結果として、[事前定義済みレポート]、[管理レポート]および[管理 DB レポート]を直接スケジュールすることはできません。

この問題を回避するには、以下の手順に従います。

1. レポートを選択して右クリックします。
利用可能なオプションが表示されます。
2. [複製]を選択します。
[プロパティ]ダイアログ ボックスが表示されます。
3. レポート/ブックレットを別名で保存します。
4. 複製したレポートを開きます。
5. [スケジュール]-[編集]をクリックして、複製したレポートをスケジュールします。

データベース ジョブ

37519

データベースジョブで参照される機能が、特定のカスタマにとって無関係の領域である場合、カスタマによりそのデータベースジョブが無効化されることがあります。

バージョン 8.2 より前の一部のバージョン(すべてではありません)では、指定データベースログイン ユーザおよび指定権限ユーザは **oblidbadmin** でした。現在のバージョンでは、データベースジョブが作成されときの指定データベースログイン ユーザおよび指定権限ユーザは **Oblicore** になります。

バージョン 8.2 にアップグレードすると、スキーマ **Oblicore** または **oblidbadmin** で作成された現在のジョブ (10) はすべて自動的に削除され、ユーザ **Oblicore** で再サブミットされます。その結果、無効なジョブがアクティブになります。

そのため、意図的に無効にしていたすべてのジョブを再度無効にしてください。

ジョブを無効にするには、「**broken**」属性を設定し、ジョブを完全に削除しないことをお勧めします。将来のマイグレーション中に、非表示になったジョブを自動的に再作成できます。

例:

```
-- アップグレード前。
-- broken ジョブを検索します。
-- 結果を記録します。
select what
  from dba_jobs
where schema_user = 'OBLICORE'
   and broken      = 'Y'

-- アップグレード後。ジョブを選択します。
select job
  from dba_jobs x
where schema_user = 'OBLICORE'
   and what        = 'oblicore.db_mng_forecast_pkg.cre_forecast_new_partition
('PSL');'

-- 予想される結果です。
JOB
---
48

-- ジョブを再サブミットします。
begin
  dbms_job.broken (48 , true);
  commit;
end;

-- または
-- ジョブを再サブミットします(SQLplus)。

exec dbms_job.broken (48 , true);
commit;
```

旧バージョンの問題

このセクションでは、旧バージョンからある問題で、このバージョンでも該当する問題について説明します。

ACE の問題

29339 メトリックが非常に多くのリソース(数千)に登録される場合、メトリックでビジネス ロジック スコープを実行すると内部エラーで失敗することがあります。

34711 32248	ACE2 では以下の機能はサポートされません。それらを今後サポートする予定はありません。 ■ 静的なクラスタ化 ■ Forecast ■ イベントタイプ別の登録
35645	ACE1 から ACE2 へのアーカイブされたメトリックのマイグレーションが失敗する既知の問題があります。 解決方法: ACE2 から契約の割り当てを解除するための DB スクリプトについてテクニカル サポートに問い合わせてください。
34125	ACE2 では、クイック メトリックの計算をサポートしていません。 解決方法: ACE2 にクイック メトリックを割り当てないでください。デフォルトではそれらの契約関係者は ACE1 に割り当てられます。この割り当てを変更しないでください。
36104	パージの完了後、完了したすべてのパージについて、エンティティが 1 分ごとに <code>t_purge_history</code> に追加されます。これは、午前 0 時に実行されるジョブでテーブルがクリーンアップされるまで継続されます。
34818	新規メトリックが含まれる新規契約を作成し、デフォルトものとは異なる計算ポリシーをメトリックに割り当てる場合、コミットを実行すると新しい計算ポリシーはデフォルトの計算ポリシーによってオーバーライドされます。 解決方法: コミット後にポリシーを割り当てます。
35611	データベース内で粒度をオフにするようメトリックを手動で変更した場合に、そのメトリックを ACE1 から ACE2 にマイグレートするとメトリックの計算中にエラーが発行されます。
32644	アーカイブされた契約のデータがパージされた場合、[アーカイブの取り消し]アクションが実行されると、アーカイブ済み契約は計算されません。
該当なし	ACE2 に割り当てられてから予測が設定されたメトリックは、前の ACE1 には適切にマイグレートされません。 解決方法: そのメトリックをまず ACE1 へマイグレートしてから、次に予測の設定を行います。

該当なし	ビジネス ロジック モジュールに登録エラーがあるために計算されないメトリックについては、メトリックリストに登録エラーが示されません。 解決方法: テクニカル サポートにお問い合わせいただき、このような場合に表示を行うクエリを入手してください。
該当なし	契約に含まれるメトリックが使用するタイム ゾーン名が初期化されていないと、新たにコミットされた契約はすべて(問題となるメトリックがコミットされなくても)ACE2 にブロックされます。 解決方法: エラーが発生した場合は、タイム ゾーン名を初期化します。
該当なし	Raw データ パージの実行後、[管理 PSL - データ パージ - 履歴]にデータが正しく表示されず、不正な値が含まれます。

アダプタの問題

該当なし	SQL アダプタで「<」文字をクエリに使用すると、[クエリのテスト]をクリックした場合にエラーになります。

API の問題

該当なし	API はプロキシ環境では実行しません。

ブックレット: PDF の生成

該当なし	DOCX ブックレットから PDF ドキュメントを生成する場合に既知の制限があります。CA Business Service Insight によって、PDF 出力の代わりにエラー メッセージが生成されます。

ビジネス ロジック モジュールの問題

該当なし	改訂されたモジュールを使用するメトリックでは、エラーがログに生成されます。モジュールのバージョンが保留中から有効に変わるまで、計算は行われません。

コンテンツ転送の問題

- 32495 契約内でのカスタム属性の順序は、契約をソースからローカル環境に転送すると保持されません。
- 34308 コンテンツ転送では、バッチ転送内でエラーを引き起こしたリソースがいつでも特定されるわけではありません。
- 34966 契約における料金と契約者数の **NULL** 値は、契約をソースからローカル環境に転送すると保持されません。値が **10** 進整数または純粋な整数である場合、転送される値は小数点のない整数または純粋な整数です。
- 36172 メトリックまたはタイムスロットによってグループ化された簡易レポートを転送する場合、ローカル環境でのレポートのシリーズの色は、ソースレポートで定義されている色と必ずしも一致しません。
- 36276 メトリックが **Tools.SendEvent** メソッドを使用する場合、**ACE** 計算中にメトリックがこのメソッドを呼び出すと、メトリックは失敗する場合があります。これは、リソースおよび(または)イベントタイプが常にローカル環境内にあるとは限らないためです。このエラーは、リソースまたはイベントタイプが契約に(たとえばメトリック登録に)直接指定されておらず、契約の転送前にリソースがローカル環境に存在しなかった場合にのみ発生します。
- 37221 マウスカーソルで契約(ソース内の)のメトリックしきい値タブをクリックすると、実際には変更されていないにもかかわらず、メトリックが変更されたとマークされることがあります。
- 該当なし コンテンツ転送制限: **X.509** 証明書エラー。
Oblisync X.509 証明書がインストールされているが、プライベートキーを読み取るための正しいアクセス権限がない場合、コンテンツ転送は正しく機能しません。コンテンツ転送用のサーバに接続しようとするエラーが発生します。
ユーザガイドの「コンテンツ転送、考えられる失敗の原因、**X.509** 証明書」で詳細を確認し、問題を修正します。

該当なし

「初期状態のエンティティ」とは、CA Business Service Insight によってインストール時に作成されるエンティティで、単位および役割などを含みます (以下のリストを参照)。

バージョン 8.x (コンテンツ転送の最初のリリース) より前にユーザによって実行された「初期状態のエンティティ」への変更は、コンテンツ転送ツールのマイグレーションスクリプトで「変更」として認識されません。

コンテンツ転送で現在サポートされている初期データのエンティティの完全なリストを以下に示します。

サービストメイン

- 汎用計算式 (クイック メトリックに対して定義される)

ドメイン カテゴリ

([汎用計算式]の下: [サービストメイン])

(クイック メトリックに対して定義される)。

- 総数
- 平均
- 最大
- 最小
- 合計

タイムゾーン:

- GMT

単位:

- 米国ドル
- ユーロ
- ポンド
- 日本円
- スイスフラン
- パーセント
- 秒数
- 分単位
- Bps
- 時間
- 支払 (%)
- #
- 変更セット

契約管理の問題

- 31138 メトリックのコミット後に非アクティブからアクティブへ更新する操作は無効ですが、メトリックリスト ページで[設定]ボタンを使用するとこれが実行される場合があります。その操作が選択されたメトリックに対して許可されないことを示すメッセージをユーザに対して表示する必要があります。

データベースの問題

- 36171 NLS_LANG パラメータの正しくない設定により、インストールに失敗し(スキーマ作成エラー)、ORA-01843 エラーや他のエラーがデータベースのインストール時に発生します。

解決方法:

1. データベース インスタンスに使用する文字セットを決定します。

CA Business Service Insight 8.2 は、AL32UTF8 および WE8MSWIN1252 の両方の文字セットをサポートします。

- CA は、新規展開には AL32UTF8 文字セットを使用することを強くお勧めします。

データベース インスタンス内で WE8MSWIN1252 文字セットを使用すると、西ヨーロッパ言語以外の言語の文字が含まれる文字列を使用できなくなります。

注: 西ヨーロッパ言語以外の言語の文字が含まれる文字列をデータベースに格納するには、AL32UTF8 文字セットを使用する必要があります。

2. NLS_LANG パラメータを設定します。

データベース インスタンスおよびすべての CA Business Service Insight サーバ (Web、アプリケーション、データベース) で同一のパラメータを使用する必要があります。

NLS_LANG パラメータは、「language」、「territory」、「character set」の 3 つで構成されています。形式は次のとおりです:

<language>_<territory>.<character set>

例 1: AMERICAN_AMERICA.WE8MSWIN1252

例 2: AMERICAN_AMERICA.AL32UTF8

注:

3. データベース インスタンスをインストールする前に、レジストリに NLS_LANG パラメータを設定する必要があります。レジストリ内での正確な場所は、インストールされている Oracle のバージョンおよび OS によって異なります。正確な場所については、Oracle のドキュメントを参照してください。

- NLS_LANG パラメータの設定方法の詳細については、Oracle の公式ドキュメントを参照してください。

- 該当なし Oracle 11g データベースを 8.0 より前のバージョンからマイグレートする場合、o7_dictionary_accessibility パラメータに正しくない値が含まれているためにマイグレーションに失敗することがあります。

解決方法:

1. マイグレートを実行する前に、「sysdba」としてデータベースに接続して以下のクエリを実行します。

```
select value from v$parameter where name = upper('o7_dictionary_accessibility');
```

結果が "FALSE" である場合は、sysdba としてデータベースに接続している間に sql*plus で以下のコマンドを実行して値を "TRUE" に変更します(データベースの再起動が必要になります)。

```
alter system set o7_dictionary_accessibility=TRUE scope=spfile;
shutdown immediate
startup
```

2. 以下のコマンドを実行して、パラメータが変更されたことを確認します。

```
select value from v$parameter where name = upper('o7_dictionary_accessibility');
```
3. マイグレートが正常に実行された後、sysdba としてデータベースに接続し、sql*plus で以下のコマンドを実行してパラメータを "FALSE" に戻します(データベースの再起動が必要になります)。

```
alter system set o7_dictionary_accessibility=FALSE scope=spfile;
shutdown immediate
startup
```
4. 以下のコマンドを実行して、パラメータが変更されたことを確認します。

```
select value from v$parameter where name = upper('o7_dictionary_accessibility');
```

- 該当なし 提供されたバッチまたはシェル ファイルを介さずに CA Oblicore Guarantee SQL スクリプトを実行する場合、nls_length_semantics パラメータの値がデータベースへのアクセスに使用されるツールの設定によって現在のセッションの間オーバーライドされる場合があります。これによって、新しく作成されるテーブルまたは変更されるテーブルの文字フィールドの長さが無効になる場合があります。
- 該当なし データベースファイルが作成されるフォルダへのパスにスペースを含めることはできません。

全般的な問題

- 該当なし コンテンツ転送ツール、OMV、SMI および ACE2 Manager コンポーネントによってログに出力されたエラーは、アラートに使用できません。

機能拡張されたレポート

- 該当なし 機能拡張されたレポートの Word 用のアドインは、Office 2007 および Windows XP で失敗します。

- 該当なし 無効なハイパーリンク URL (青色)を含む *.docx ファイルをアップロードして新しいドキュメントリポジトリを生成するとエラーが生成されます。たとえば、URL `¥¥bhb@hbh¥vgvgvgv <file:///¥¥bhb@hbh¥vgvgvgv>` は、エラーを生成します。これは既知の問題であり、文献で報告されています。SDK オブジェクト `WordprocessingDocument.Open(EntityProvider.GeneratedFilePath, true)` を使用してドキュメントを開くと問題が発生します。

I18N の問題

- 36131 ユーザ入力または Cloud Commons からのダウンロードの結果であるデータはローカライズされないという既知の SMI の問題があります。これには、以下のようなものがあります。
 - サービス名
 - サービスの説明
 - プロバイダの名前およびその他の情報
 - カテゴリ名
 - ユーザ定義の属性およびそれらの属性の値
 - 性能
 - 機能性
 - メトリック名
 - データベース、Java エラーなどに直接由来する SQL エラーなどの全般エラーは、「as is」と表示されます。変換されるもの
 - 特性の名前および説明が含まれる SMI モデル。
データがユーザに表示されている場合、SMI モデルは変換されています。これには、以下のようなものがあります。
 - 特性の名前および説明
 - 測定値
 - インジケータ
 - サービス グリッドに表示される列名
 - エラー メッセージ
エラー メッセージの変換は、以下に対して行われます。
 - SMI 生成エラー
 - データベースのストアード プロシージャおよび関数由来のエラー
 - ユーザ インターフェースに表示されるメッセージおよびプロンプト
 - ユーザ インターフェース
 - ユーザに表示される静的文字列は、すべて変換されます。
- 該当なし ブックレットから作成された、PDF ドキュメント内の日本語テキストの CA Business Service Insight データが判読不能になるという既知の問題があります。
- 該当なし ビジネス ロジックまたは変換スクリプトでエラーが発生すると、ローカライズされたエラー メッセージではなく、英語のエラー メッセージが表示されるという既知の問題があります。

- 該当なし クライアントが日本語版で、オペレーティング システムが英語版の **Windows** である場合に、**TeeChart** 画像の **X** 軸上のテキストが判読不能になるという既知の問題があります。
- 該当なし **TeeChart** が発行するダイアログ ボックスの一部が日本語でなく英語で表示されるという既知の問題があります。
- 該当なし **Excel** で **csv** にエクスポートされたファイルに、日本語文字が不正に表示されるという既知の問題があります。
解決方法：
 1. **Excel** を開きます。
 2. [データ]をクリックします。
 3. [テキスト ファイル]をクリックします。
 4. **csv** ファイルを参照し、選択します。
 5. [元のデータの形式]セクションで、[カンマやタブなどの区切り文字によってフィールドごとに区切られたデータ]を選択します。
 6. [次へ]をクリックします。
 7. [区切り文字]セクションで[カンマ]を選択します。
 8. [完了]をクリックします。

レポートの問題

- 該当なし 20 を超える大量のレポートを同時に生成すると、ユーザ インターフェイスがハングアップする場合があります。
- 該当なし 自由形式パラメータ内の検索を有効にする機能は **Oracle** データベースのみでサポートされています。
解決方法: **Oracle** 以外のデータベースにアクセスする自由形式レポートがある場合は、設定キー (**ff_report_max_search_results**) を -1 に設定します。

SMI の問題

- 該当なし

SMI パッケージの変換スクリプトで特殊な日付形式が必要となるという既知の問題があります。その形式は、"sadmin" ユーザとそのデフォルト値を使用します。"sadmin" ユーザのプリファレンスを変更すると、変換スクリプトが失敗する可能性があります。

回避策:

SMI パッケージを使用する際に、"sadmin" ユーザおよびそのデフォルト値を使用していることを確認します。

注: 一般的に、CA では、CA Business Service Insight の実行中に "sadmin" ユーザを使用しないことを強くお勧めします。"sadmin" ユーザに基づいて、または標準の他のユーザに基づいて特定のユーザを作成してください。
- 該当なし

ページ上でチェック ボックスをオンにして別のページに移動すると、選択した内容が削除されます。

[サービス概要] ページに表示されるサービスが複数ページになる場合、同じページに表示されていないサービスのトレンド チャートを表示するように指定したい場合があります。しかし、あるページ上でチェック ボックスを選択してから別のページに移動すると、選択内容が消去されます。この制限により、2 つのサービスが同じページに表示されない場合は、トレンド チャートの表示対象として選択できなくなります。
- 該当なし

親/子サービスの表示制限。

検出されたサービスの中には、[サービス概要] ページの表示に親/子関係が示されるものがあります。これは、あるサービスが別のサービスにネストされている場合が該当します。[サービス検出および管理] ページでサービスを管理する場合、親または子のサービスを「管理対象」または「管理対象外」の状態に設定できます。「管理対象」に設定されたサービスは、[サービス概要] ページに表示されます。管理対象のサービスがネストされている場合、その表示に関する既知の問題があります。

親のサービスを「管理対象外」に設定すると、親および子のサービス両方が階層ビューの[サービス概要] ページに表示されません。ただし、サービスがフィルタされるとサービスのフラットな(階層のない)リストが表示され、親が管理対象外で子が管理対象である場合の子サービスが含まれます。これはこの製品の既知の制限であり、将来のリリースで対応される予定です。

- 該当なし 管理対象から管理対象外へサービスを変更する場合のエラー
[サービス検出]ページの機能を使用してサービスを作成した後、または検出されたサービス进行操作した後、サービスを「管理対象」から「管理対象外」に変更すると、エラーメッセージが表示される場合があります。これはサービス比較メトリックが「オン」に設定されていてサービスが「管理対象」に指定されている場合にのみ発生します。サービス比較メトリックを「オン」に設定すると、そのサービスに対して **SMI** 契約が自動的に作成されます。**SMI** 契約との関連付けが削除されるまで、サービスが管理対象外になることはありません。
以下のシナリオに遭遇する場合、エラーが発生します。
 - サービスを作成して[サービス比較メトリックをオンに設定]を指定し、サービスを[管理対象]の状態に設定しました。
 - その後、[サービス検出および管理]ページを開き、[サービスアクション]メニューから[管理対象外]オプションを選択して、サービスを「管理対象外」に変更することを試みます。
 - エラーメッセージ「次のサービスの更新に一部失敗しました:<名前>」が表示され、「サービス比較メトリック」は「オフ」に設定されますが、サービスは「管理対象」のままであるように表示されます。
この問題は、元になる **SMI** 契約が削除されるまでにシステム内で最大 5 分の遅延があるために発生します。サービス比較メトリックが「オフ」に設定されると、**SMI** 契約削除が自動的にトリガされます。これを解決するには、およそ 5 分間待機してから[サービス検出および管理]ページに戻り、[サービスアクション]メニューから[管理対象外]オプションを選択して、サービスのステータスを再度「管理対象外」に変更します。
メッセージ「次のサービスの更新に成功しました:<名前>」が表示され、サービスのステータスは「管理対象外」に変わります。

第 4 章：解決された問題

このセクションには、現在のバージョンで解決された CA Business Service Insight の旧バージョンからの既知の問題が含まれます。

修正された問題

以下の問題がこのバージョンで修正されています。

1. セキュリティ
 - 不正な文字が URL から削除されました。
2. 次の各領域でパフォーマンスが大幅に改善されています。
 - メトリックの削除
 - 契約の削除
 - 契約バージョンの削除および作成
 - Alert サービス処理イベント
3. ACE1
 - パフォーマンスおよび安定性に悪影響を及ぼす不要な再計算は実行されません。
 - 7.0 または 6.3 SR4 より前のバージョンからアップグレードする際、完全な再計算は実行されなくなりました。
4. ACE2
 - 正しくないイベント再利用性のメトリック登録は行われなくなりました。
 - JBoss ログ ファイルにより多くのディスク領域が消費されることがなくなりました。
 - 使用率を最適化するため、ACE2 Manager によるメモリ消費が ACE2 のベンチマーク結果に従って調節されるようになりました。
5. 現在のバージョンでは、レポート ポータルのインテグレーションにアクセスできます。

6. イベント管理
 - ツリーの垂直スクロールバーが正しく動作します。
7. [システム ログ] ページ
 - 検索ボタンのクリック時に [システム ログ] ページがクラッシュしなくなりました。
8. ポートフォリオ管理
 - 場所のないエンティティ (SD/CT) およびエンティティのない場所を含むシナリオが修正されています。

このセクションには、以下のトピックが含まれています。

[データベースの問題](#) (P. 54)

データベースの問題

- 36812 いくつかのオブジェクト (インデックス、テーブルまたは LOB) が内部規則に相対して正しくないテーブルスペースに割り当てられていました。この問題は現在、クリーンインストールおよびアップグレードで解決されています。
この問題は、カスタマが作成または移動するオブジェクトではなく、CA Business Service Insight オブジェクトにのみ適用されます。
- 該当なし Oracle 10 および Oracle 11 のデータベースにおける初期パラメータ (audit_trail など) の違いが修正されました。現在、同じパラメータが両方の Oracle で使用されています。

第 5 章: ドキュメント

このセクションでは最新のドキュメントについて説明します。

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このセクションには、以下のトピックが含まれています。

[PDF ガイド](#) (P. 56)

[マニュアル選択メニュー](#) (P. 57)

[リリース番号](#) (P. 57)

[Acknowledgments](#) (P. 59)

PDF ガイド

この製品用の PDF ガイドを以下に示します。

- インストール ガイド (*CA Business Service Insight Installation Guide.pdf*)
- 事前定義済みコンテンツ ガイド (*CA Business Service Insight Predefined Content Guide.pdf*)
- 事前定義済みコンテンツ リリース ノート (*CA Business Service Insight Predefined Content Release Notes.pdf*)
- 管理ガイド (*CA Business Service Insight Administration Guide.pdf*)
- Web サービス API リファレンス ガイド (*CA Business Service Insight Web Service API.pdf*)
- Business Intelligence (BI) インターフェース ガイド (*CA Business Service Insight BI Interface Guide.pdf*)
- Business Intelligence (BI) インターフェース リリース ノート (*CA Business Service Insight BI Interface Release Notes.pdf*)
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ActiveMQ 5.3.0

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-- activemq-web

=====
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== For the behaviour.js library ==

=====
=====

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== For the xstream library

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JAXB

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Xerces

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jQuery JSON Plugin

version: 2.3 (2011-09-17)

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Brantley Harris wrote this plugin. It is based somewhat on the JSON.org website's <http://www.json.org/json2.js>, which proclaims:

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It is also influenced heavily by MochiKit's `serializeJSON`, which is copyrighted 2005 by Bob Ippolito.

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.Net entity framework 4.2 4.2

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/* zlib.h -- interface of the 'zlib' general purpose compression library

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