

CA Identity Manager r12

Option Pack 1 - Versionshinweise



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Kapitel 1: Neue Funktionen

Dieses Kapitel enthält folgende Themen:

[Policy Xpress](#) (siehe Seite 7)

[Unterstützung für RDB-Benutzerspeicher](#) (siehe Seite 7)

[FIPS 140-2](#) (siehe Seite 7)

Policy Xpress

Policy Xpress ermöglicht die Erstellung einer komplexen Geschäftslogik (Richtlinien), ohne hierfür benutzerdefinierten Code erstellen zu müssen. Bei Auftreten eines Auslösers (derzeit Attribute, Ereignisse, Workflow und Business Logic Task-Handler) wird Policy Xpress aktiviert.

Die folgenden Funktionen sind in Policy Xpress verfügbar:

- Richtlinien können so geplant werden, dass sie während des Business Logic-Prozesses ausgeführt werden.
- Jede Richtlinie kann eine Reihe von Standarddatenquellen verwenden.
- Mehrere Datenquellen können zum Zwecke komplexer Logik kombiniert werden.
- Über Regeln werden die Aktionen festgelegt, die basierend auf den gesammelten Informationen durchgeführt werden sollen.
- Es können verschiedene Standardaktionen verwendet und mit dynamischen Daten kombiniert werden.

Unterstützung für RDB-Benutzerspeicher

Das Option Pack 1 unterstützt relationale Datenbanken (Microsoft SQL oder Oracle) als Benutzerspeicher.

FIPS 140-2

Das Option Pack 1 ist mit FIPS 140-2 kompatibel.

Kapitel 2: Änderungen an vorhandenen Funktionen

Dieses Kapitel enthält folgende Themen:

[Vereinfachte Installation](#) (siehe Seite 9)

[Verbesserte Planung von Aufgaben](#) (siehe Seite 9)

[SMTP-Einstellungen für E-Mail-Benachrichtigungen](#) (siehe Seite 9)

Vereinfachte Installation

Im Option Pack 1 wurde der Installationsvorgang wie folgt verbessert:

- Verzicht auf Drittanbietermedien
- Entfernung der zusätzlichen Batch-Datei
- Entfernung der Schemaerweiterung
- Hinzufügen des automatischen Installationsverfahrens

Verbesserte Planung von Aufgaben

Das Option Pack 1 unterstützt die Planung von Benutzeraufgaben, die eine Änderung bei vorhandenen Benutzern zur Folge haben.

SMTP-Einstellungen für E-Mail-Benachrichtigungen

Im Option Pack 1 werden E-Mails unter Verwendung der CA Identity Manager-SMTP-Konfiguration gesendet.

Hinweis: Weitere Informationen zu CA Identity Manager-SMTP-Einstellungen finden Sie im *CA Identity Manager-Installationshandbuch*.

Kapitel 3: Installationshinweise

Dieses Kapitel enthält folgende Themen:

[Systemanforderungen](#) (siehe Seite 11)

[Support-Matrix-Speicherort](#) (siehe Seite 11)

[Unterstützter Upgrade-Pfad](#) (siehe Seite 11)

[Bereitstellungsverzeichnis wird als Benutzerspeicher nicht unterstützt](#) (siehe Seite 11)

[Anforderung für die Installation unter WebSphere](#) (siehe Seite 12)

[Bei der WebSphere-Cluster-Installation tritt ein Fehler auf](#) (siehe Seite 12)

[Fehlschlagen von Aufgaben beim WebSphere-Upgrade](#) (siehe Seite 12)

[Neuinstallation des Option Pack ist nach CA Identity Manager-Upgrade erforderlich](#) (siehe Seite 13)

[Beibehalten benutzerdefinierter ACE-Aufgaben bei Upgrades](#) (siehe Seite 13)

[Manuelle Deinstallation](#) (siehe Seite 13)

[RDB-Attribute](#) (siehe Seite 14)

[Fix der Anzeige externer Aufgaben](#) (siehe Seite 14)

Systemanforderungen

Stellen Sie vor der Installation von Option Pack 1 sicher, dass auf Ihrem System 500 MB freier Speicherplatz verfügbar ist.

Support-Matrix-Speicherort

Eine vollständige Liste der unterstützten Plattformen und Versionen finden Sie in der CA Identity Manager r12-Support-Matrix auf der [Support-Website von CA Identity Manager](#).

Unterstützter Upgrade-Pfad

Der unterstützte Pfad für ein Upgrade auf Option Pack 1 ist *nur* von ACE 2.0 für Identity Manager r12 CR3.

Bereitstellungsverzeichnis wird als Benutzerspeicher nicht unterstützt

Option Pack 1 unterstützt die Verwendung des Bereitstellungsverzeichnisses als CA Identity Manager-Benutzerspeicher *nicht*.

Anforderung für die Installation unter WebSphere

Stellen Sie für eine Installation des Option Pack 1 unter WebSphere sicher, dass 2 GB Arbeitsspeicher auf Ihrem System verfügbar sind. Starten Sie außerdem den WebSphere-Anwendungsserver neu, bevor Sie das Option Pack installieren.

Hinweis: Diese Installation kann erhebliche Zeit in Anspruch nehmen.

Bei der WebSphere-Cluster-Installation tritt ein Fehler auf

Bei der Installation von Option Pack 1 auf einem WebSphere-Cluster tritt möglicherweise der folgende Fehler auf. Bei diesem Fehler handelt es sich um eine Warnung, die ignoriert werden kann:

Hinzufügen der Bibliotheks-JARs fehlgeschlagen

Wenn Sie die Option Pack-Installation im automatischen Modus ausführen, tritt kein Fehler auf, und die Installation wird erfolgreich abgeschlossen.

Fehlschlagen von Aufgaben beim WebSphere-Upgrade

Wenn bei einem Upgrade von Option Pack 1 unter WebSphere eine Eskalation oder eine geplante Aufgabe gleichzeitig mit dem Upgrade ausgeführt werden, schlägt die Eskalation oder die geplante Aufgabe möglicherweise fehl.

Sie können dieses Problem bei einer geplanten Aufgabe umgehen, indem Sie überprüfen, wann die Aufgabe zum nächsten Mal ausgeführt wird. Wenn zur Zeit des Upgrades die Ausführung von Aufgaben geplant ist, führen Sie das Upgrade entweder zu einem anderen Zeitpunkt aus, oder brechen Sie die geplante Aufgabe ab, bevor Sie das Upgrade durchführen.

Hinweis: Regelmäßige Aufgaben schlagen nur einmal fehl. Sie werden zum nächsten Ausführungszeitpunkt ordnungsgemäß durchgeführt. Für diese Aufgaben empfehlen wir, die Eskalationszeit im Workflow-Prozess vor dem Upgrade zu erhöhen.

Neuinstallation des Option Pack ist nach CA Identity Manager-Upgrade erforderlich

Wenn Option Pack 1 auf einem WebSphere- oder WebLogic-Anwendungsserver installiert ist, und ein Upgrade von CA Identity Manager (einschließlich CR-Updates) durchgeführt wird, funktionieren die Funktionen von Option Pack nicht mehr.

Dieses Problem kann umgangen werden, indem Sie das Installationsprogramm von Option Pack wie folgt erneut ausführen:

1. Führen Sie das Installationsprogramm des CA Identity Manager-Updates aus.
2. Starten Sie den Anwendungsserver.
3. Führen Sie das Installationsprogramm des Option Pack 1 aus.

Beibehalten benutzerdefinierter ACE-Aufgaben bei Upgrades

Wenn Sie ein Upgrade auf das Option Pack 1 durchführen, und in Ihrer Umgebung benutzerdefinierte ACE-Aufgaben vorhanden sind, sollten Sie vor dem Upgrade Ihre benutzerdefinierten Aufgaben sichern. Während des Upgrades werden alle ACE-Aufgaben mit den neuen Option Pack-Aufgaben überschrieben.

Wenn Sie Option Pack-Aufgaben nach dem Upgrade anpassen möchten, empfehlen wir Ihnen, diese zu *kopieren* und dann statt dem Original die Kopie zu ändern. Hierdurch wird vermieden, dass bei späteren Upgrades Ihre benutzerdefinierte Aufgaben überschrieben werden.

Manuelle Deinstallation

Die Deinstallation des Option Pack 1 ist ein manueller Prozess. Um das Option Pack zu deinstallieren, folgen Sie den im Installationshandbuch ausführlich beschriebenen Schritten zur manuellen Deinstallation.

RDB-Attribute

Beachten Sie Folgendes bei der Verwendung einer relationalen Datenbank als CA Identity Manager-Benutzerspeicher:

- Der physische Name der Attribute muss im Format *tabellen_name.attribut_name* vorliegen.
- Die Attribute für den Endpunkttyp müssen umfassend sein. Legen Sie bei einem Microsoft SQL-Benutzerspeicher für diese Attribute den Wert "nText" bzw. für einen Oracle-Benutzerspeicher den Wert "CLOB" fest.
- Verwenden Sie keine Trennzeichen für aus mehreren Werten bestehende Attribute. Erstellen Sie stattdessen eine eigene Tabelle für jedes Attribut.

Fix der Anzeige externer Aufgaben

Es besteht eine Inkonsistenz mit der Anzeige der externen Aufgaben des Option Pack in der Benutzerkonsole. Führen Sie die folgenden Schritte durch, damit externe Aufgaben größer dargestellt werden.

So werden externe Aufgaben korrekt angezeigt

1. Kopieren Sie die Datei "*Option_Pack_home*\manual_steps\iframe.js" in "IdentityMinder.ear\user_console.war\ui\scripts".
2. Ändern Sie "IdentityMinder.ear\user_console.war\app\page\external\external_tab.jsp" wie folgt:
 - a. Ändern Sie die folgende Zeile:

```
<iframe id="im-external-tab" src="<%= externalURL %%"></iframe>
```

in

```
<iframe frameborder="0" id="im-external-tab" src="<%= externalURL %%"></iframe>
```
 - b. Fügen Sie am Ende der Datei folgende Zeilen hinzu:

```
<%- iframe javascript -%>  
<script language="JavaScript" type="text/javascript" src="/idm/ui/scripts/iframe.js"></script>
```

3. Kompilieren Sie die JSPs neu. Unter JBoss besteht ein bekanntes Problem mit dem Klassenpfad. Der bereitgestellte Fix erfordert folgende Schritte:
 - a. Beenden Sie CA Identity Manager.
 - b. Bearbeiten Sie die Datei "jboss\bin\build.xml" wie folgt:
 - Fügen Sie im Element `<path id="jsp.jboss.precomp.classpath">` die folgenden Zeilen hinzu:

```
<fileset dir="{basedir}/../lib">
    <include name="*.jar"/>
</fileset>
<fileset dir="{basedir}/../server/default/lib">
    <include name="*.jar"/>
</fileset>
<fileset dir="{basedir}/../server/default/deploy/jboss-web.deployer">
    <include name="*.jar"/>
</fileset>
```
 - Fügen Sie im Element `<path id="jsp.jboss.precomp.idmmanage.classpath">` die folgenden Zeilen hinzu:

```
<fileset dir="{basedir}/../lib">
    <include name="*.jar"/>
</fileset>
<fileset dir="{basedir}/../server/default/lib">
    <include name="*.jar"/>
</fileset>
<fileset dir="{basedir}/../server/default/deploy/jboss-web.deployer">
    <include name="*.jar"/>
</fileset>
```
4. Führen Sie die Datei "compile_jsp.bat" aus.
5. Starten Sie CA Identity Manager.

Kapitel 4: Bekannte Probleme

Dieses Kapitel enthält folgende Themen:

[Probleme bei Active Directory-Konten unter Solaris](#) (siehe Seite 17)

[Der Wert des AD-Containers wird bei der inversen Synchronisierung nicht aufgefüllt](#) (siehe Seite 17)

[Die Benutzeroberfläche der E-Mail-Benachrichtigungskonfiguration funktioniert mit Firefox nicht](#) (siehe Seite 18)

[Schaltfläche "Element reservieren" funktioniert nicht](#) (siehe Seite 18)

[Einschränkungen bei Sonderzeichen](#) (siehe Seite 18)

[Kontodaten werden in CA Identity Manager nicht aufgefüllt](#) (siehe Seite 18)

[Bei der inversen Synchronisierung fehlt in Fenstern mit Fehlermeldungen die Schaltfläche "Zurück"](#) (siehe Seite 19)

[Sternchen verhalten sich in Workflow-Attributwerten anders als in Benutzerattributen und Kontoattributen](#) (siehe Seite 19)

[Fehler bei den Funktionen "Rückgängig", "Wiederholen" und "Tabelle" bei der Änderung von E-Mails](#) (siehe Seite 19)

Probleme bei Active Directory-Konten unter Solaris

Active Directory-Konten können nicht zwischen verschiedenen Organisationseinheiten verschoben werden, wenn der Anwendungsserver unter Solaris ausgeführt wird.

Der Wert des AD-Containers wird bei der inversen Synchronisierung nicht aufgefüllt

Wenn Sie WebLogic mit einem RDB-Benutzerspeicher verwenden und die inverse Synchronisierung bei einem neuen Active Directory-Konto mit der Aktion "Benutzer erstellen" ausführen, wird der Benutzer zwar erstellt, der Wert des AD-Containers bleibt jedoch leer.

Umgehen Sie dieses Problem, indem Sie erst "Option Pack" und dann "Kontenverwaltung" aufrufen und die Aufgabe "Endpunktkonten neu initialisieren" erneut ausführen. Dadurch werden die Werte des AD-Containers aufgefüllt.

Die Benutzeroberfläche der E-Mail-Benachrichtigungskonfiguration funktioniert mit Firefox nicht

Mozilla Firefox wird von der E-Mail-Benachrichtigungsfunktion im Option Pack 1 *nicht* unterstützt.

Schaltfläche "Element reservieren" funktioniert nicht

Die Schaltfläche "Element reservieren", die beim Überprüfen von Elementen Ihrer Option Pack-Arbeitsliste angezeigt wird, funktioniert nicht.

Einschränkungen bei Sonderzeichen

Option Pack 1 unterstützt folgende Zeichen nicht:

- Caret-Zeichen (^)
- Semikolon (;)

Zudem sind folgenden Workflow-Einschränkungen für Option Pack 1 vorhanden:

- Wenn der Name eines Workflow-Prozesses ein einfaches Anführungszeichen (') enthält, wird der Workflow-Prozess nicht ausgeführt.
- In einem Arbeitselement werden Namen von AD-Gruppen, die Sonderzeichen enthalten, mit einem umgekehrten Schrägstrich (\) vor dem Sonderzeichen angezeigt. Die Funktionsfähigkeit des Arbeitselements ist davon *nicht* betroffen.

Kontodaten werden in CA Identity Manager nicht aufgefüllt

Wenn Sie den Bereitstellungs-Manager verwenden, um einen Benutzer zu erstellen und diesem Benutzer bei der Erstellung Bereitstellungsrollen zuzuweisen, werden die Kontodaten nicht in CA Identity Manager angezeigt.

Umgehen Sie dieses Problem, indem Sie die Benutzerkonsole verwenden, um einen Benutzer zu erstellen und diesem Benutzer bei der Erstellung Bereitstellungsrollen zuzuweisen.

Bei der inversen Synchronisierung fehlt in Fenstern mit Fehlermeldungen die Schaltfläche "Zurück"

Bei einigen Fehlermeldungen, die bei einer inversen Synchronisierungsaufgabe angezeigt werden, fehlt möglicherweise die Schaltfläche "Zurück". Um die Aufgabe erneut auszuführen, kehren sie zur Aufgabe zurück, geben Sie die erforderlichen Informationen an und senden Sie die Aufgabe erneut.

Sternchen verhalten sich in Workflow-Attributwerten anders als in Benutzerattributen und Kontoattributen

Verwenden Sie ein Sternchen (*) am Anfang des Kontoattributs, um den Wert eines Workflow-Attributs zum Überprüfen eines bestimmten Kontoattributs festzulegen.

Das Sternchen am Anfang ist erforderlich, da der überprüfte Wert `<Endpunktname>&<Kontoname>&<Wert>` ist. Deshalb muss am Anfang ein Sternchen hinzugefügt werden, damit der vorausgehende Inhalt für die Überprüfung berücksichtigt wird.

Wenn Sie beispielsweise ein Arbeitselement überprüfen möchten, das nur für Gruppennamen, die mit der Zeichenfolge "Domäne" beginnen, erstellt wurde, können Sie `*Domäne*` oder `*CN=Domäne*` als Attributwert angeben. Wenn Sie ein Arbeitselement überprüfen möchten, das nur für einen bestimmten Gruppennamen erstellt wurde, können Sie `*CN=DnsAdmins*` oder `*DnsAdmins*` angeben.

Fehler bei den Funktionen "Rückgängig", "Wiederholen" und "Tabelle" bei der Änderung von E-Mails

Die Funktionen "Rückgängig", "Wiederholen" und "Tabelle" werden in Options Pack 1 bei der Änderung von E-Mails *nicht* unterstützt.

Kapitel 5: Behobene Probleme

In der folgenden Tabelle sind die in Option Pack 1 behobenen Probleme aufgeführt:

CQ-Nummer	Behobenes Problem
84093	In (standardmäßigen und neuen) Fenstern zur Kontenverwaltung werden beim Entfernen von Werten aus der gefilterten Auswahl die entfernten Werte nicht angezeigt.
81335	JBoss 4.2.3-Zertifizierung
81859	Problem im E-Mail-Betreff bei hebräischen Zeichen
81860	Dynamische Daten in E-Mail-Benachrichtigungen werden nicht wie vorgesehen verwendet.
81898	Durch Ändern des E-Mail-Richtliniennamens wird eine neue E-Mail erstellt.
81896	Umgebung muss bei Exporten berücksichtigt werden.
81930	Durch Hinzufügen und Löschen eines Bedingungsresultates einer Aktionsregel kommt es beim Speichern zu einem Absturz.
81912	Screen Builder wird beim Ändern des Endpunktyps (WebSphere) nicht aktualisiert.
83729	Automatischer Installationsschritt zum Aktualisieren von Attributzuordnungen und Definitionen für die Bereitstellungsaufgabe "Benutzer ändern"
81336	Oracle 9i-Zertifizierung
82954	Migrationsproblem bei einem einer Rolle zugewiesenen Workflow
81326	Änderung des Markennamens zu CA
83936	Neue Kontorichtlinie kann nicht mit einem bestimmten Endpunkt (außer*) erstellt werden
81327	Lokalisierung des Produkts auf Französisch, Deutsch, Italienisch und Spanisch
82983	Schaltfläche "Abbrechen" des Installationsprogramms führt nicht zu einem Abbruch der Installation

Kapitel 6: Dokumentation

Dieses Kapitel enthält folgende Themen:

[Bookshelf](#) (siehe Seite 23)

[ACE-Umbenennung](#) (siehe Seite 24)

[Online-Hilfe für das Option Pack 1](#) (siehe Seite 24)

Bookshelf

Das Bookshelf ermöglicht den Zugriff auf die gesamte Dokumentation von Option Pack 1 über eine einzige Oberfläche. Folgende Funktionen sind enthalten:

- Erweiterbare Inhaltsangabe für alle Handbücher von Option Pack 1 im HTML-Format
- Volltextsuche in allen Handbüchern mit nach Treffern geordneten Suchergebnissen und im Inhalt hervorgehobenen Suchbegriffen
- Klickelemente ("Brotkrümel"), die zu übergeordneten Themen führen
- Ein einziger HTML-Index für Themen in allen Handbüchern
- Links auf PDF-Versionen der Handbücher zum Drucken

Verwenden des BookshelFs

1. Entpacken Sie den Inhalt der komprimierten Bookshelf-Datei (.zip).
2. Zeigen Sie das Bookshelf wie folgt an:
 - Wenn sich das Bookshelf auf dem lokalen System befindet, und Sie Internet Explorer verwenden, öffnen Sie die Datei Bookshelf.hta.
 - Wenn sich das Bookshelf auf einem Remote-System befindet, oder wenn Sie Mozilla Firefox verwenden, öffnen Sie die Datei Bookshelf.html.

Hinweis: Um eine bessere Leistung zu erhalten, sollten Sie, wenn Sie das Bookshelf auf einem Remote-System installieren, den Zugriff auf das Bookshelf über einen Webserver zulassen.

Für das Bookshelf ist Internet Explorer 6 oder 7 oder Mozilla Firefox 2 erforderlich. Für die Links auf PDF-Handbücher ist Adobe Reader 7 oder 8 erforderlich. Sie können Adobe Reader unter www.adobe.com herunterladen.

Hinweis: Das Bookshelf von CA Identity Manager wurde für Version r12 auf der [CA Support-Website](#) im gleichen Bookshelf-Format wie das Option Pack 1 veröffentlicht.

ACE-Umbenennung

Die folgende ACE-Terminologie wurde entsprechend der Terminologie in CA Identity Manager und im Option Pack 1 angepasst:

ACE-Begriff	Neuer Begriff im Option Pack
ACE	Option Pack 1
Bereitstellungseingine, eTrust Admin	Bereitstellungsserver
Verzeichnis	Endpunkt, Endpunkte
Namespace	Endpunkttyp
Rollen	Bereitstellungsrollen
Verwaltungsverzeichnis oder Verwaltungs-Repository	Bereitstellungsverzeichnis
Unternehmensverzeichnis	Benutzerspeicher

Online-Hilfe für das Option Pack 1

Für alle Funktionen von Option Pack 1 ist in CA Identity Manager nun eine Online-Hilfe verfügbar. Um auf die Online-Hilfe für das Option Pack 1 zuzugreifen, klicken Sie in CA Identity Manager auf den Link "Hilfe" und navigieren zum Option Pack-Kapitel.

Anhang A: Third-Party Acknowledgements

Dieses Kapitel enthält folgende Themen:

[Apache](#) (siehe Seite 25)
[Castor](#) (siehe Seite 29)
[Install4j](#) (siehe Seite 30)
[Wsd4j](#) (siehe Seite 34)
[XStream](#) (siehe Seite 39)
[JWSDP](#) (siehe Seite 40)
[Oracle JDBC Driver](#) (siehe Seite 43)
[Sun JRE](#) (siehe Seite 47)
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Java(TM) Web Services Developer Pack 1.3

Java(TM) Web Services Developer Pack 1.3 Release Notes

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The Java™ Web Services Developer Pack (Java WSDP) is an all-in-one download containing key technologies to simplify building of Web services using the Java 2 Platform. For release notes for these technologies see:

WS-I Sample Application 1.0 FCS Release Notes

JSF 1.0 EA4 Release Notes

XML and Web Services Security 1.0 EA2

JAXB 1.0.2 FCS Release Notes

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JAXP 1.2.4 FCS Release Notes

JAXR 1.0.5 FCS

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JSTL 1.1 EA Release Notes

Apache Tomcat 5 EA Release Notes

Registry Server 1.0_06 FCS Release Notes

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Solaris™ 8 Operating System

Solaris 9 Operating System

Windows 2000 Professional Edition

Windows XP Professional Edition

RedHat Linux 8.0

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Files

JAXP

jaxp-api.jar, dom.jar, sax.jar, xalan.jar, xercesImpl.jar, xsltc.jar

JAXB *

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JAX-RPC

jaxrpc-api.jar, jaxrpc-impl.jar, jaxrpc-spi.jar, relaxngDatatype.jar, xsdlib.jar, JAXP, SAAJ, jcert.jar, jnet.jar, jsse.jar

SAAJ

saaj-api.jar, saaj-impl.jar, jaxp-api.jar, dom.jar, sax.jar, xalan.jar, xercesImpl.jar, activation.jar, mail.jar, servlet.jar

JAXR

jaxr-api.jar, jaxr-impl.jar, jaxb-api.jar, jaxb-impl.jar, jaxb-libs.jar, saaj-api.jar, saaj-impl.jar, jaxp-api.jar, dom.jar, sax.jar, xercesImpl.jar, activation.jar, jaas.jar, mail.jar, namespace.jar, relaxngDatatype.jar, xsdlib.jar

* If the application will not be doing any compilation at runtime, the jaxb-xjc.jar file does not need to be redistributed with the application.

Nonredistributable Components

The following Java WSDP components are not redistributable. These components can only be used for designing, developing, and testing purposes.

Note: EA components are never redistributable; FCS components usually are, but there are some exceptions which are noted in the table that follows.

Nonredistributable Component

Files

Registry Server

registry-server.war, xindice.jar

Java XML & Web Services Security

all

JSF

all

JSTL

all

WS-I Sample Application

all

Tomcat

all

Environment Variables

The JAVA_HOME environment variable is set to point to the version of the J2SE SDK you specify during installation. If you change your J2SE SDK installation, you will need to edit your jwsdp-shared

Oracle JDBC Driver

ORACLE TECHNOLOGY NETWORK

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Sun JRE

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