

CA Identity Manager r12

Option Pack 1 Release Notes



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Contents

Chapter 1: New Features	7
Policy Xpress	7
RDB User Store Support	7
FIPS 140-2	7
Chapter 2: Changes to Existing Features	9
Simplified Installation	9
Enhanced Scheduled Tasks	9
SMTP Settings for Email Notifications	9
Chapter 3: Installation Considerations	11
System Requirements	11
Support Matrix Location	11
Supported Upgrade Path	11
Provisioning Directory as User Store Not Supported	11
Requirement for Installing on WebSphere	12
Error Occurring During WebSphere Cluster Install	12
Tasks Failing During WebSphere Upgrade	12
Must Reinstall Option Pack After CA Identity Manager Upgrade	13
Preserving Custom ACE Tasks When Upgrading	13
Uninstall is Manual	13
RDB Attributes	13
External Task Display Fix	14
Chapter 4: Known Issues	17
Active Directory Account Issue on Solaris	17
ADContainer Value Not Populated with Reverse Synchronization	17
Email Notification Configuration Interface Does Not Work With Firefox	17
Reserve Item Button Does Not Work	18
Special Character Limitations	18
Account Data Not Populated In CA Identity Manager	18
Error Message Screens With Reverse Synchronization Have No Back Button	18
Asterisk in Workflow Attribute Value Behaves Differently in User Attributes and Account Attributes	19
Errors with Undo, Redo, and Table Features When Modifying an Email	19

Chapter 5: Fixed Issues	21
Chapter 6: Documentation	23
Bookshelf	23
ACE Rebranding	24
Option Pack 1 Online Help	24
Appendix A: Third-Party Acknowledgements	25
Apache	26
Castor	30
Install4j	31
Wsd4j	35
XStream	40
JWSDP	41
Oracle JDBC Driver	44
Sun JRE	48
Sun JDK	53
XPP3	73

Chapter 1: New Features

This section contains the following topics:

[Policy Xpress](#) (see page 7)

[RDB User Store Support](#) (see page 7)

[FIPS 140-2](#) (see page 7)

Policy Xpress

Policy Xpress allows you to create complex business logic (policies) without the need to develop custom code. When a trigger (attributes, events, workflow, and Business Logic Task Handlers currently) occurs, Policy Xpress is activated.

The following functionality is available in Policy Xpress:

- Policies can be scheduled to run at any time during the business logic process.
- Each policy can use a variety of default data sources.
- Multiple data sources can be combined to produce complex logic.
- Rules decide on actions to be taken based on information gathered.
- Various default actions can be used and combined with dynamic data.

RDB User Store Support

Option Pack 1 supports relational databases (Microsoft SQL or Oracle) as a user store.

FIPS 140-2

Option Pack 1 is compliant with FIPS 140-2 encryption.

Chapter 2: Changes to Existing Features

This section contains the following topics:

[Simplified Installation](#) (see page 9)

[Enhanced Scheduled Tasks](#) (see page 9)

[SMTP Settings for Email Notifications](#) (see page 9)

Simplified Installation

The following installation improvements have been made in Option Pack 1:

- Elimination of third-party media
- Elimination of additional batch file
- Elimination of expansion of schema
- Addition of silent installation procedure

Enhanced Scheduled Tasks

Option Pack 1 supports the scheduling of any User task that performs a change on an existing user.

SMTP Settings for Email Notifications

Option Pack 1 sends email using the CA Identity Manager SMTP configuration.

Note: For more information about CA Identity Manager SMTP settings, see the *CA Identity Manager Installation Guide*.

Chapter 3: Installation Considerations

This section contains the following topics:

- [System Requirements](#) (see page 11)
- [Support Matrix Location](#) (see page 11)
- [Supported Upgrade Path](#) (see page 11)
- [Provisioning Directory as User Store Not Supported](#) (see page 11)
- [Requirement for Installing on WebSphere](#) (see page 12)
- [Error Occurring During WebSphere Cluster Install](#) (see page 12)
- [Tasks Failing During WebSphere Upgrade](#) (see page 12)
- [Must Reinstall Option Pack After CA Identity Manager Upgrade](#) (see page 13)
- [Preserving Custom ACE Tasks When Upgrading](#) (see page 13)
- [Uninstall is Manual](#) (see page 13)
- [RDB Attributes](#) (see page 13)
- [External Task Display Fix](#) (see page 14)

System Requirements

Before you install Option Pack 1, be sure that your system has 500 MB of available disk space.

Support Matrix Location

For a complete list of supported platforms and versions, see the CA Identity Manager r12 Support Matrix on the [CA Identity Manager support site](#).

Supported Upgrade Path

The supported upgrade path to Option Path 1 is from ACE 2.0 for Identity Manager r12 CR3 *only*.

Provisioning Directory as User Store Not Supported

Option Pack 1 does *not* support using the Provisioning Directory as your CA Identity Manager user store.

Requirement for Installing on WebSphere

If you are installing Option Pack 1 on WebSphere, be sure that your system has at least 2GB of RAM. Also, restart the WebSphere application server before starting the Option Pack install.

Note: This installation may take a long time to complete.

Error Occurring During WebSphere Cluster Install

You may get the following error when installing Option Pack 1 on a WebSphere cluster. This error is only a warning and can be ignored:

Failed to add the Library jars.

If you run the Option Pack installation in silent mode, no error appears during installation and the installation completes successfully.

Tasks Failing During WebSphere Upgrade

If you are upgrading Option Pack 1 on WebSphere, and an escalation or a scheduled task runs at the same time as the upgrade, the escalation or scheduled task may fail.

To work around a scheduled task issue, check the next run time for the task. If any tasks are scheduled to run around the upgrade time, either upgrade at a different time, or cancel the scheduled task before performing the upgrade.

Note: Periodic tasks will only fail once, but will work the next time they run. For such tasks, we recommend you increase the escalation time in the workflow process, before the upgrade.

Must Reinstall Option Pack After CA Identity Manager Upgrade

If you have Option Pack 1 installed on a WebSphere or WebLogic application server, and you upgrade CA Identity Manager (including CR upgrades), the Option Pack functionality stops working.

To work around this issue, rerun the Option Pack installer, as follows:

1. Run the CA Identity Manager upgrade installer.
2. Start the application server.
3. Run the Option Pack 1 installer.

Preserving Custom ACE Tasks When Upgrading

If you are upgrading to Option Pack 1 and have custom ACE tasks in your environment, be sure to back up your custom tasks before running the upgrade. During the upgrade, all ACE tasks are overwritten with the new Option Pack tasks.

If you want to customize Option Pack tasks after an upgrade, we recommend that you *copy* any Option Pack task you want to customize, and then modify the copy instead of the original. This will prevent future upgrades from overwriting your custom tasks.

Uninstall is Manual

Uninstalling Option Pack 1 is a manual process. To uninstall the Option Pack, follow the detailed steps of the manual process outlined in the Installation Guide.

RDB Attributes

When using a relational database as the CA Identity Manager user store, note the following:

- The physical name of attributes must be in the format *table_name.attribute_name*.
- Endpoint Type attributes must be large. Set these attributes to nText for a Microsoft SQL user store, or CLOB for an Oracle user store.
- Do not use a delimiter for multi-valued attributes, instead create a table for each attribute.

External Task Display Fix

There is an inconsistency with the display of Option Pack external tasks in the User Console. Perform the following steps to make the external tasks appear larger.

To display external tasks correctly

1. Copy the file `Option_Pack_home\manual_steps\iframe.js` to `IdentityMinder.ear\user_console.war\ui\scripts`.
2. Modify the `IdentityMinder.ear\user_console.war\app\page\external\external_tab.jsp`, as follows:

- a. Change the following line:

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

to

```
<iframe frameborder="0" id="im-external-tab" src="<%= externalURL %>"></iframe>
```

- b. Add the following lines to the end of the file:

```
<%-- iframe javascript --%>
```

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

3. Recompile the JSPs. On JBoss, there is a known classpath issue. The fix provided requires the following steps:

- a. Stop CA Identity Manager.

- b. Edit the `jboss\bin\build.xml` file, as follows:

- Add the following lines inside the element `<path id="jsp.jboss.precomp.classpath">`:

```
<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>
```

- Add the following lines inside the element `<path id="jsp.jboss.precomp.idmmanage.classpath">`:

```
<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. Run `compile_jsp.bat`.
5. Start CA Identity Manager.

Chapter 4: Known Issues

This section contains the following topics:

[Active Directory Account Issue on Solaris](#) (see page 17)

[ADContainer Value Not Populated with Reverse Synchronization](#) (see page 17)

[Email Notification Configuration Interface Does Not Work With Firefox](#) (see page 17)

[Reserve Item Button Does Not Work](#) (see page 18)

[Special Character Limitations](#) (see page 18)

[Account Data Not Populated In CA Identity Manager](#) (see page 18)

[Error Message Screens With Reverse Synchronization Have No Back Button](#) (see page 18)

[Asterisk in Workflow Attribute Value Behaves Differently in User Attributes and Account Attributes](#) (see page 19)

[Errors with Undo, Redo, and Table Features When Modifying an Email](#) (see page 19)

Active Directory Account Issue on Solaris

Moving an Active Directory account between different organizational units does not work if the application server is running on Solaris.

ADContainer Value Not Populated with Reverse Synchronization

If you are using WebLogic with an RDB user store and you run Reverse Synchronization with the action Create User against a new Active Directory account, a user is created but the ADContainer value will be empty.

To work around this issue, go to Option Pack, Account Management, and re-run the Initialize Endpoint Accounts task. This will populate the ADContainer value.

Email Notification Configuration Interface Does Not Work With Firefox

The Email Notification functionality in Option Pack 1 does *not* support the Mozilla Firefox browser.

Reserve Item Button Does Not Work

The Reserve Item button displayed when reviewing work items in your Option Pack work list does not work.

Special Character Limitations

Option Pack 1 does not support the following characters:

- carrot (^)
- semicolon (;)

Also, the following Option Pack 1 workflow limitations exist:

- If a workflow process name contains a single quote ('), the workflow process will not run.
- Within a work item, ADGroups names that include special characters are displayed with an escape character (\) before the special character. This does *not* affect the functionality of the work item.

Account Data Not Populated In CA Identity Manager

If you use the Provisioning Manager to create a user and assign provisioning roles to that user at creation, you will not see the account data in CA Identity Manager.

To work around this issue, use the User Console to create a user and assign provisioning roles to that user during creation.

Error Message Screens With Reverse Synchronization Have No Back Button

Some error messages that appear during a Reverse Synchronization task may not have a Back button. In order to re-run the task, navigate back to the task, supply the necessary information, and submit the task again.

Asterisk in Workflow Attribute Value Behaves Differently in User Attributes and Account Attributes

When setting a workflow attribute value to check against a specific account attribute, use an asterisk (*) at the beginning of the account attribute.

The asterisk at the beginning is necessary because the value checked is <endpoint name>&<account name>&<value>, therefore, you must add the leading asterisk to take into account the preceding content in the check.

For example, if you want a work item created for only group names that start with the string "Domain", you can specify *Domain* or *CN=Domain* as the attribute value. If you want a work item created for only one specific group name you can specify *CN=DnsAdmins* or *DnsAdmins*.

Errors with Undo, Redo, and Table Features When Modifying an Email

Using the Undo, Redo, or Table features when modifying an email is *not* supported in Option Pack 1.

Chapter 5: Fixed Issues

The following table lists the issues fixed in the Option Pack 1 release:

CQ Number	Fixed Issue
84093	When removing values from filtered option selectors in Account Management screens (default and new), the removed values do not show.
81335	JBoss 4.2.3 Certification
81859	Email subject issue when text is in Hebrew
81860	Using dynamic data in email notifications has wrong disposition
81898	Modifying email policy name creates a new email
81896	Need to have environment consideration in exports
81930	Adding and deleting an action rule condition results in a crash when saving
81912	Screen builder does not refresh when changing endpoint type (WebSphere)
83729	Automate install step of updating attribute mappings and definitions on the provisioning modify user task
81336	Oracle 9i Certification
82954	Migration issue with workflow assigned to role
81326	CA Rebranding
83936	Cannot define a new account policy with a specific endpoint (other than*)
81327	Localization of product for French, German, Italian and Spanish
82983	Cancel button in installer does not cancel installation

Chapter 6: Documentation

This section contains the following topics:

[Bookshelf](#) (see page 23)

[ACE Rebranding](#) (see page 24)

[Option Pack 1 Online Help](#) (see page 24)

Bookshelf

The Bookshelf provides access to all Option Pack 1 documentation from a single interface. It includes the following:

- Expandable list of contents for all Option Pack 1 guides in HTML format
- Full text search across all guides with ranked search results and search terms highlighted in the content
- Breadcrumbs that link you to higher level topics
- Single HTML index to topics in all guides
- Links to PDF versions of guides for printing

To use the Bookshelf

1. Extract the contents of the bookshelf ZIP file.
2. View the bookshelf as follows:
 - If the bookshelf is on the local system and you are using Internet Explorer, open the Bookshelf.hta file.
 - If the bookshelf is on a remote system or if you are using Mozilla Firefox, open the Bookshelf.html file.

Note: For best performance, when you install the bookshelf on a remote system, make the bookshelf accessible from a web server.

The Bookshelf requires Internet Explorer 6 or 7 or Mozilla Firefox 2. For links to PDF guides, Adobe Reader 7 or 8 is required. You can download Adobe Reader at www.adobe.com.

Note: The CA Identity Manager Bookshelf has been published for r12 at the [CA Support site](#) using the same bookshelf format as Option Pack 1.

ACE Rebranding

The following ACE terminology has been rebranded to align with CA Identity Manager and Option Pack 1:

ACE Term	New Term in the Option Pack
ACE	Option Pack 1
Provisioning Engine, eTrust Admin	Provisioning Server
Directory	Endpoint, Endpoints
Namespace	Endpoint Type
Roles	Provisioning Roles
Administrative Directory or Administrative Repository	Provisioning Directory
Corporate Directory	User Store

Option Pack 1 Online Help

Online Help is now available in CA Identity Manager for all Option Pack 1 functionality. Access the Option Pack 1 Online Help by clicking the Help link in CA Identity Manager and navigating to the Option Pack chapter.

Appendix A: Third-Party Acknowledgements

This section contains the following topics:

- [Apache](#) (see page 26)
- [Castor](#) (see page 30)
- [Install4j](#) (see page 31)
- [Wsd4j](#) (see page 35)
- [XStream](#) (see page 40)
- [JWSDP](#) (see page 41)
- [Oracle JDBC Driver](#) (see page 44)
- [Sun JRE](#) (see page 48)
- [Sun JDK](#) (see page 53)
- [XPP3](#) (see page 73)

Apache

Portions of this product include software developed by the Apache Software Foundation.

Apache Ant

OpenCSV

Quartz

Spring Framework

Spring Batch

Tomahawk

Axis

Myfaces

Commons el

Commons Digester

Commons FileUpload

Commons IO

Commons dbcp

Commons Discovery

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Castor

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JWSDP

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Java(TM) Web Services Developer Pack 1.3

Java(TM) Web Services Developer Pack 1.3 Release Notes

JAVATM WEB SERVICES DEVELOPER PACK 1.3 RELEASE NOTES

Contents

Supported Platforms Redistributable Components Nonredistributable Components Environment Variables Modifying Tomcat's and Xindice's Default Host and Port Settings Modifying the Default Logging Level Uninstalling Java WSDP 1.3 Known Issues

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

SAAJ 1.2 FCS Release Notes

JAXP 1.2.4 FCS Release Notes

JAXR 1.0.5 FCS

JAX-RPC 1.1 FCS Release Notes

JSTL 1.1 EA Release Notes

Apache Tomcat 5 EA Release Notes

Registry Server 1.0_06 FCS Release Notes

Supported Platforms

This release of the Java WSDP has been tested in various configurations with J2SE SDK versions 1.4.1_xx and 1.4.2_xx on the following platforms:

Solaris™ 8 Operating System

Solaris 9 Operating System

Windows 2000 Professional Edition

Windows XP Professional Edition

RedHat Linux 8.0

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Redistributable Component

Files

JAXP

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

JAXB *

JAXB JAR files (jaxb-api.jar, jaxb-impl.jar, jaxb-libs.jar, jaxb-xjc.jar), JAXP 1.1 or higher JAR files (jaxp-api.jar, sax.jar, dom.jar, xalan.jar), JWSDP Shared JAR files (jax-qname.jar, namespace.jar, xsdlib.jar, relaxngDatatype.jar)

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.

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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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