

## **Oracle Information Rights Management**

Oracle IRM for Citrix Extension

10gR3 PR3

May 2008

Oracle Information Rights Management, Oracle IRM for Citrix Extension, 10gR3 PR3

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## Introduction

This document describes how to deploy Oracle IRM Desktop for users of Citrix environments. It also provides guidance on how to control rights synchronization for Citrix users.

Oracle IRM Desktop can operate in a Citrix Desktop publishing mode. By its nature, the integration of sealing functionality into the user's desktop means that Oracle IRM software is not compatible with Citrix modes that do not publish the desktop.

The Oracle IRM Management Console can operate in Desktop publishing and Application publishing modes.

## Installing Oracle IRM Software in a Citrix Environment

In a Citrix environment, you need to install the Oracle IRM client software on each Citrix server. You need to use the Windows Add/Remove Programs dialog rather than simply run the installation directly, as follows:

1. Download the Oracle IRM installation executable to a location accessible from the Citrix server, but do not run it.
2. Go to the Windows Control Panel, and open the Add/Remove Programs dialog.
3. In the Add/Remove Programs dialog, select **Add New Programs**.
4. Click the CD or Floppy button.
5. In the Run Installation Program dialog, click **Next**.
6. Select **Browse** and browse to and select the Oracle IRM installation executable.
7. Click **Finish**.

Having installed the client software on each Citrix server, it is possible for Citrix users to start working with sealed documents according to their rights. However, Oracle recommends setting up login and logout scripts to control rights synchronization in a non-standard way.

**Note.** If users are allowed to use non-Citrix systems as well as a Citrix system, you need to use device limits to ensure that rights are available on both types of system. For example, a particular set of users might have laptops for mobile use as well as access to a Citrix system. By default, a user's rights can only be cached on one system at a time. A System Manager can use the Oracle IRM Management Console to raise the device limit for the relevant users, as required.

## Controlling Rights Synchronization for Citrix Users

Oracle recommends that you use scripts to control rights synchronization for Citrix users. This is the simplest way to ensure that rights will be available regardless of which Citrix server hosts a given session. Without such scripts, a user's rights might be cached on one server when the user is using another.

This guidance presumes that Citrix users are using Windows authentication to access sealed documents. If this is not the case, refer to Oracle IRM for additional guidance on how to control authentication.

For example, you might use the following HTML application (HTA) at the start of a user's Citrix session.

```
<html >
<head>
<scri pt type=text/j avascr i pt>
function done(){
  cl ose();
}
</scri pt>
</head>
<body onLoad="done()">
<scri pt type=text/j avascr i pt>
sel f. moveTo(2000, 2000);
</scri pt>
<OBJECT CLASSID="cl si d: 18CEFFD2-A724-11D3-B647-86BD54000000"
TYPE="appl i cati on/I ogi n-softseal " TI TLE="Rel ease Ri ghts" WI DTH=150 HEI GHT=150
i d=Seal edMedi a_Unseal er_Pl ugi n1>
<PARAM NAME=server VALUE="seal : //sml i cense. abc. com">
<PARAM NAME=refreshal l VALUE="true">
</OBJECT>
</body>
</html >
```

The first <PARAM> tag specifies the address of your license server. The second specifies the operation that you want to occur –*refreshall*. This synchronizes the user's rights so that they are available for the session.

A similar script with the *releaseall* parameter would run at the end of a session.