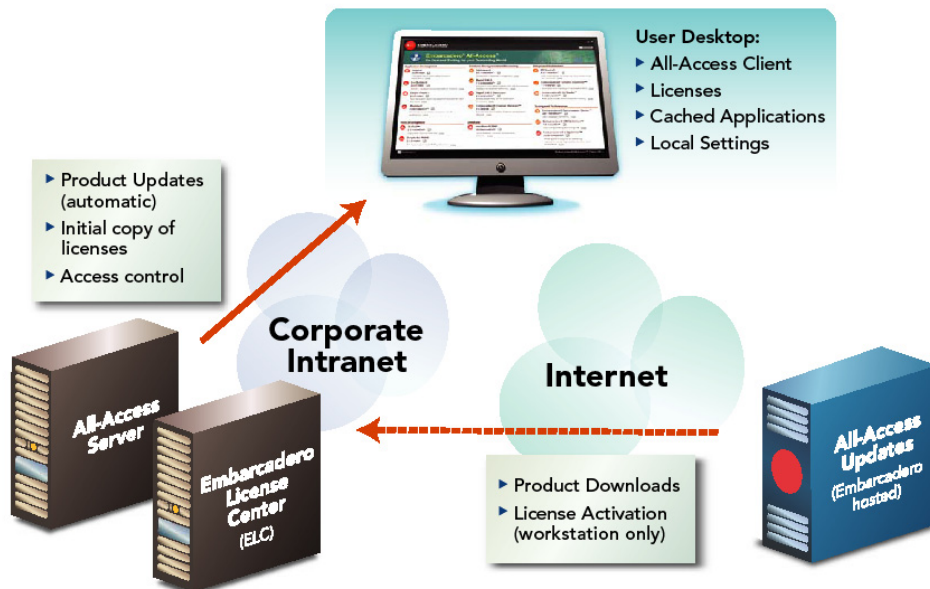

Embarcadero® ToolCloud

Quick Start Guide

ToolCloud 1.7

Last Published December 14, 2009

Embarcadero® All-Access™ Server-Connected View



© 2009 Embarcadero Technologies, Inc. Embarcadero, the Embarcadero Technologies logos, and all other Embarcadero Technologies product or service names are trademarks or registered trademarks of Embarcadero Technologies, Inc. All other trademarks are property of their respective owners.

This software/documentation contains proprietary information of Embarcadero Technologies, Inc.; it is provided under a license agreement containing restrictions on use and disclosure and is also protected by copyright law. Reverse engineering of the software is prohibited.

If this software/documentation is delivered to a U.S. Government Agency of the Department of Defense, then it is delivered with Restricted Rights and the following legend is applicable:

Restricted Rights Legend Use, duplication, or disclosure by the Government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of DFARS 252.227-7013, Rights in Technical Data and Computer Software (October 1988).

If this software/documentation is delivered to a U.S. Government Agency not within the Department of Defense, then it is delivered with Restricted Rights, as defined in FAR 552.227-14, Rights in Data-General, including Alternate III (June 1987).

Information in this document is subject to change without notice. Revisions may be issued to advise of such changes and additions. Embarcadero Technologies, Inc. does not warrant that this documentation is error-free.

Embarcadero Technologies, Inc. is a leading provider of award-winning tools for application developers and database professionals so they can design systems right, build them faster and run them better, regardless of their platform or programming language. Ninety of the Fortune 100 and an active community of more than three million users worldwide rely on Embarcadero products to increase productivity, reduce costs, simplify change management and compliance and accelerate innovation. The company's flagship tools include: Embarcadero® Change Manager™, CodeGear™ RAD Studio, DBArtisan®, Delphi®, ER/Studio®, JBuilder® and Rapid SQL®. Founded in 1993, Embarcadero is headquartered in San Francisco, with offices located around the world. Embarcadero is online at www.embarcadero.com.

ASIA-PACIFIC HEADQUARTERS
L7. 313 LA TROBE STREET
MELBOURNE VIC 3000
AUSTRALIA

CORPORATE HEADQUARTERS
100 CALIFORNIA STREET, 12TH FLOOR
SAN FRANCISCO, CALIFORNIA 94111

EMEA HEADQUARTERS
YORK HOUSE
18 YORK ROAD
MAIDENHEAD, BERKSHIRE
SL6 1SF, UNITED KINGDOM

QUICK START GUIDE TO EMBARCADERO® TOOLCLOUD

This guide tells you how to install Embarcadero ToolCloud and get it up and running. It assumes you are familiar with Embarcadero product descriptions. For the latest update of this document, see http://docs.embarcadero.com/products/all_access/.

- [Requirements](#)
- [Step 1 – Obtaining the Installer](#)
- [Step 2 – Installing the ToolCloud and Embarcadero License Center](#)
- [Step 3 – Obtaining and Hosting the Licenses](#)
- [Step 4 – Starting the ToolCloud](#)
- [Step 5 – Logging into the ToolCloud Console](#)
- [Step 6 – Setting Up the Licenses in the ToolCloud](#)
- [Step 7 – Creating Users](#)
- [Step 8 – Downloading Applications to the Product Repository](#)
- [Step 9 – Downloading the ToolBox for Product Users](#)
- [Step 10 – Configuring Product Catalog Updates](#)

NOTE: For complete information on using the ToolCloud, see the *ToolCloud Administration Guide* and *ToolBox User Guide*, available from the **Start** menu or your Embarcadero representative. For wiki FAQs, see http://docwiki.embarcadero.com/AllAccess/en/Main_Page.

REQUIREMENTS

Minimum requirements:

- Intel Pentium III 1.2 GHz processor or higher
- 1 GB of RAM
- 100 MB of hard disk space for the ToolCloud
- At least 8GB is recommended for the repository of initial and future product downloads
- High resolution monitor (1024 x 768), 16-bit display or greater
- Microsoft Windows XP Professional (x86-32, Win32), Microsoft Windows Server 2003, or Microsoft Windows Vista
- Internet Explorer 7 or later, or Mozilla Firefox
- Java Runtime Environment, version 1.5 (provided by the installer, if you do not already have it installed)
- The ToolCloud requires ports 8005 and 9001 for Tomcat and other internal processes.

STEP 1 – OBTAINING THE INSTALLER

Obtain the installer from your Embarcadero representative.

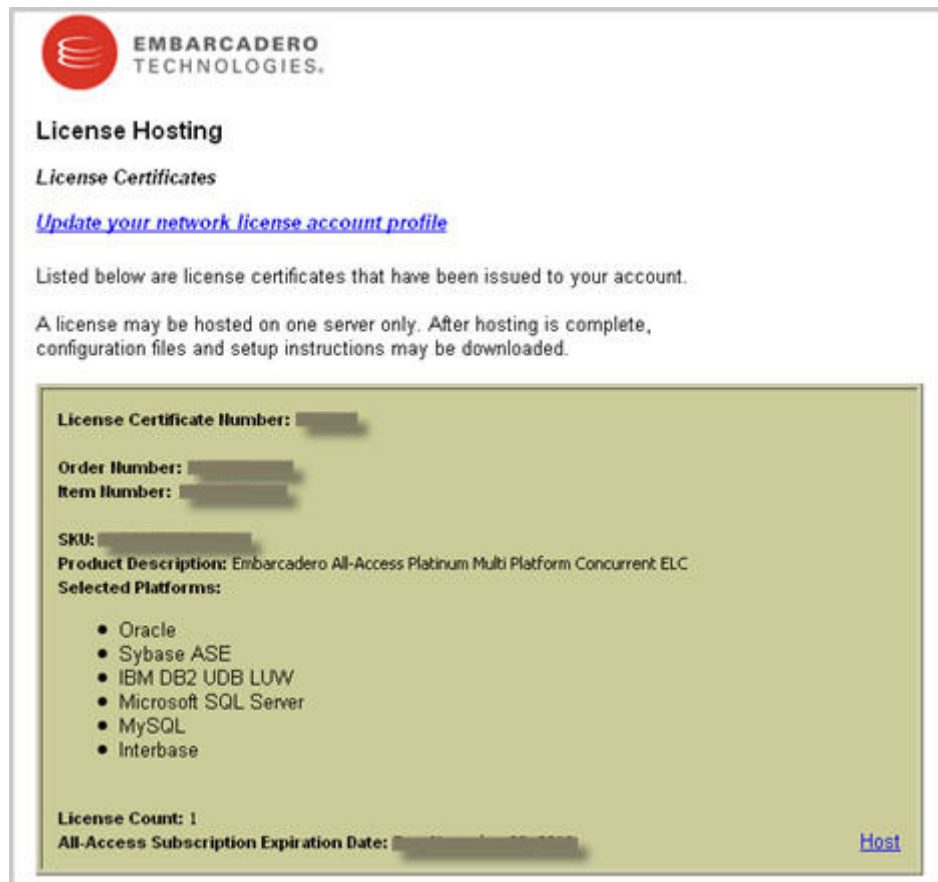
STEP 2 – INSTALLING THE TOOLCLOUD AND ELC

1. Quit all programs.
2. Launch the ToolCloud installer and click **Next**.
3. Select **I Agree** to the terms of the license agreement and click **Next**.
4. If you do not have Embarcadero License Center (ELC) installed on your machine, click **Next**. Otherwise, clear the box and click **Next**.
5. The ELC installer opens. Click **Next**.
 - a. Select **I accept the terms of the License Agreement** and click **Next**.
 - b. Accept the default installation folder and click **Next**.
 - c. Accept the default **Typical** installation and click **Next**.
 - d. If there is no recent Java VM already installed, install the Java VM specifically for ELC. Otherwise, select **Choose a Java VM** already installed on this system, and click **Search**. Select a pre-existing VM from the list and click **Next**. *Note:* The host name of the Java VM is the name used when creating *.slip* license files for Embarcadero products.
 - e. Accept the default Program Group for the icons and click **Next**.
 - f. Review the Summary and click **Install**.
 - g. When the installer prompts for configuration, click **Next**.
 - h. Accept the check box to enable logging in ELC and click **Next**.
 - i. Normally, you run the ELC as a Windows service and select the check box. Alternatively, you can decide to keep the default, not to install as a Windows service, and click **Next**.
 - j. The installer displays the Server Host Name and Server IP Address, which are later used by the license hosting site to create configuration files to manage licenses. Note this information for later use and click **Next**.
 - k. Select the check box to start the ELC and click **Next**.
 - l. You want to configure the Reporting Engine, so click **Next**.
 - m. The final ELC installation screen displays the directory where the application was installed. Note this for future reference. Click **Done**. The ToolCloud installer returns.
6. Accept the default installation directory and click **Next**.
7. Provide a valid listening port for network communication. Record the port number for later use. *Note:* the ToolCloud automatically uses ports 8005 and 9001 for Tomcat and other internal processes.
8. The ToolCloud distributes products through a shared repository created during installation. The Installer grants read-only access rights to everyone in order to provide a shared network directory from which products can be distributed. Normally you should accept the default and click **Next**. If there are specific restrictions for creating share directories, you can choose an existing shared directory.
9. The installer is ready to install. Click **Next**.
10. The installer prompts you to enable automatic updates. If you select it, the ToolCloud will monitor for product updates from Embarcadero and download them. Alternatively, you can configure this option later. Click **Next**.
11. Click **Next** to install the ToolCloud. Click **Finish** to complete.

STEP 3 – OBTAINING AND HOSTING THE LICENSES

When you purchase licenses, you receive an email from Embarcadero containing your licensing information.

1. Go to the URL <https://reg.codegear.com/srs6/el/login.jsp> and enter the login name and password supplied in the email.
2. In the bottom right corner, click **Host**.



3. Enter the Host Name of the machine on which you installed the ELC.
4. Click **Next**.
5. Optionally, enter a Host Name for a backup ELC. See the *Embarcadero License Center Installation, Licensing, and Administration Guide* for more information about a backup ELC server.
6. Click **Next**.
7. Click **Download** and save the `embarcadero_XXXXXXX.zip` file.

The downloaded licenses file, `embarcadero_XXXXXXX.zip`, contains `server_nnnnn.slip` and either `concurrent_nnnnn.slip` or `named_nnnnn.slip`.

8. Unzip the `embarcadero_XXXXXXX.zip` file.
9. Place the server configuration file, `server_nnnnn.slip`, in the ELC license directory at `C:\Embarcadero\ELCx.x\LicenseCenter\conf`.

10. Place the `concurrent_nnnnn.slip` or `named_nnnnn.slip` file anywhere you like; store it in an obvious place as you will need to import it to the ToolCloud.

For information about managing licenses, see the *Embarcadero License Center Installation, Configuration, and Administration Guide*, available with the ELC.

STEP 4 – STARTING THE TOOLCLOUD

If you installed the ToolCloud and ELC as Windows services, they will be running.

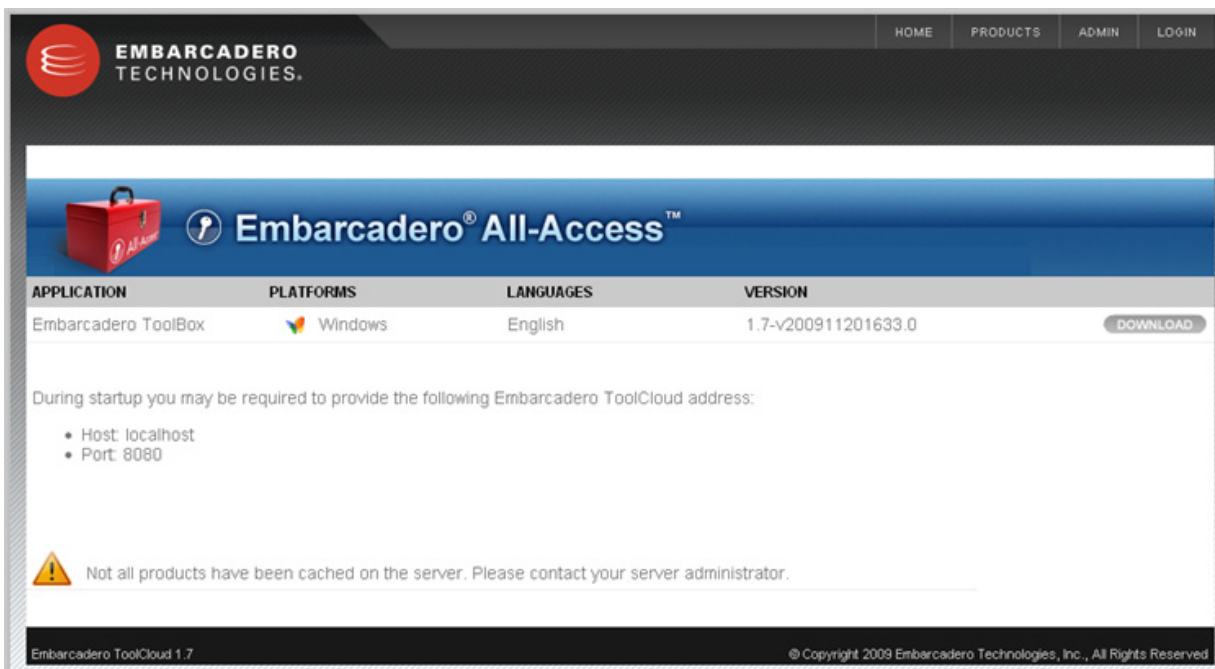
If you did not install the ToolCloud as a Windows service, you can run it from the command line:

```
C:\Program Files\Embarcadero\ToolCloud\bin\catalina.bat
```

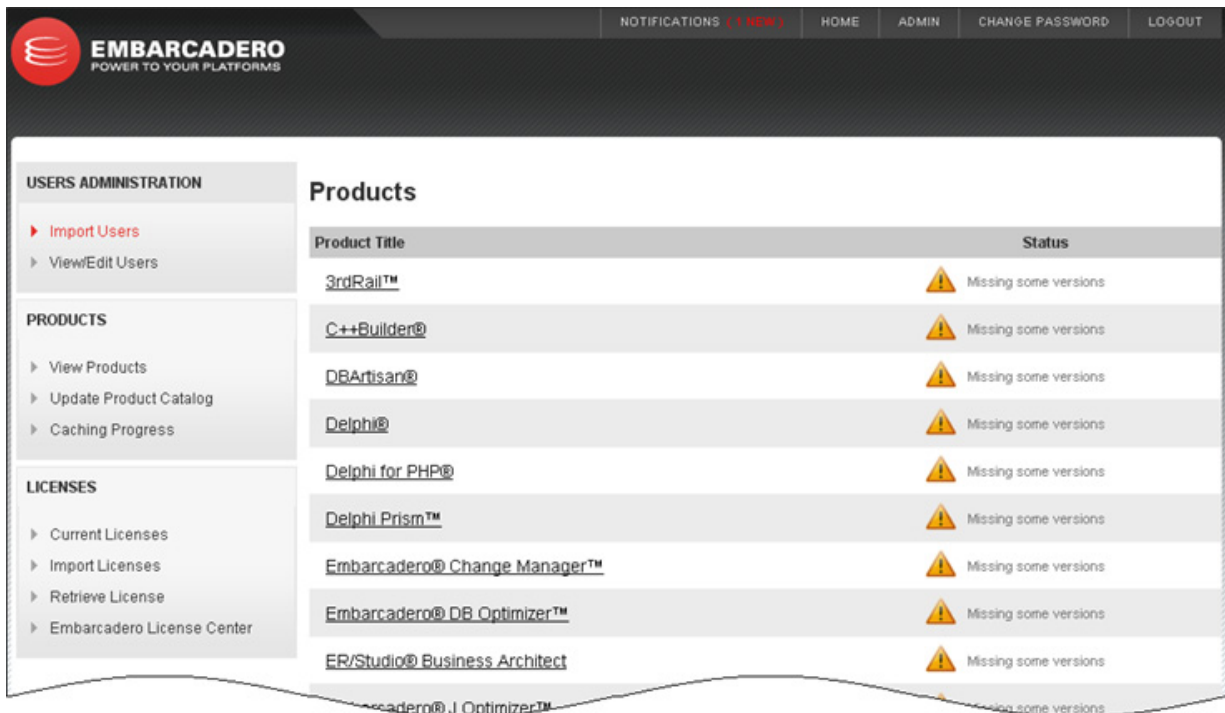
Documentation and administrative functions are available from the **Start** menu.

STEP 5 – LOGGING INTO THE TOOLCLOUD CONSOLE

1. From the machine onto which you installed the ToolCloud, open a browser and go to the URL `http://localhost/aaserver`. If you gave it a port number other than 80 during installation, use `http://localhost:<port_number>/aaserver`.



2. In the upper-right corner of the page, click **ADMIN**.
3. Enter your login credentials. By default, the initial login is "admin" and the password is "admin". Change the password later, using the **CHANGE PASSWORD** button.
4. Click **Login**. The **ADMIN** page opens.



STEP 6 – SETTING UP THE LICENSES IN THE TOOLCLOUD

Before you can assign licenses to users, you import the `concurrent_nnnnn.slip` or named `_nnnnn.slip` file to the ToolCloud.

1. On the **ADMIN** page, click **Import Licenses**.
2. Browse to the location of the `.slip` file, select it, and click **Submit**.

The ToolCloud generates a second license file that controls product distribution through the ToolBox, which puts that license file into the appropriate product directory on the workstation.

3. Each user has an access level corresponding to the license. The initial default access level is set to *None*, so click the wrench icon to change the **Default level** before you start adding users. Alternatively, you can later go to each user's page and update their default license level.

STEP 7 – CREATING USERS

You need to add users to the ToolCloud.

1. On the **ADMIN** page, click **Import Users**.
2. Select **Create user**.
3. Enter the user domain and name.

4. If you are using All-Access, select an All-Access level to match the type of license you want to provide to the user. If you select choose the default, *None*, then the default access level specified in the **Current Licenses** page will apply.
5. Click **Create User**.

STEP 8 – DOWNLOADING APPLICATIONS TO THE PRODUCT REPOSITORY

The **ADMIN** page lists products along with their status.

1. Click the name of the product you want. The **Product:...** page opens.
2. Click **Cache Product version** or **Cache all versions**.

The screenshot shows the 'Product: ER/Studio® Data Architect' page. On the left is a navigation menu with sections: 'USERS ADMINISTRATION' (Import Users, View/Edit Users), 'PRODUCTS' (View Products, Update Product Catalog, Caching Progress), and 'LICENSES' (Current Licenses, Import Licenses, Retrieve License). The main content area displays two tables of product versions. The first table is for version 8.0.3 and the second is for version 8.5. Each table has columns for Type, Platform, Language, Filename, and Status. The status column contains a wrench icon and the text 'Cache product version'. At the bottom of the page, there is a 'Cache all versions' button.

8.0.3					
Type	Platform	Language	Filename	Status	
InstantOn™	windows	English	ers803_6051_ion.exe		Cache product version
InstantOn™	windows	English	erviewer803_6050_ion.exe		Cache product version

8.5					
Type	Platform	Language	Filename	Status	
InstantOn™	windows	English	erda850_6250_ion.exe		Cache product version

[Cache all versions](#)

STEP 9 – DOWNLOADING THE TOOLBOX FOR PRODUCT USERS

Product users access software from the ToolCloud using the Toolbox.

1. Connect to the ToolCloud at <http://localhost/aaserver>, or <http://<serverhostname>:<portnumber>/aaserver>.
2. The home page lists the Toolbox. Click **Download**.
3. Save the Toolbox InstantOn to disk; the location depends on your browser setting.

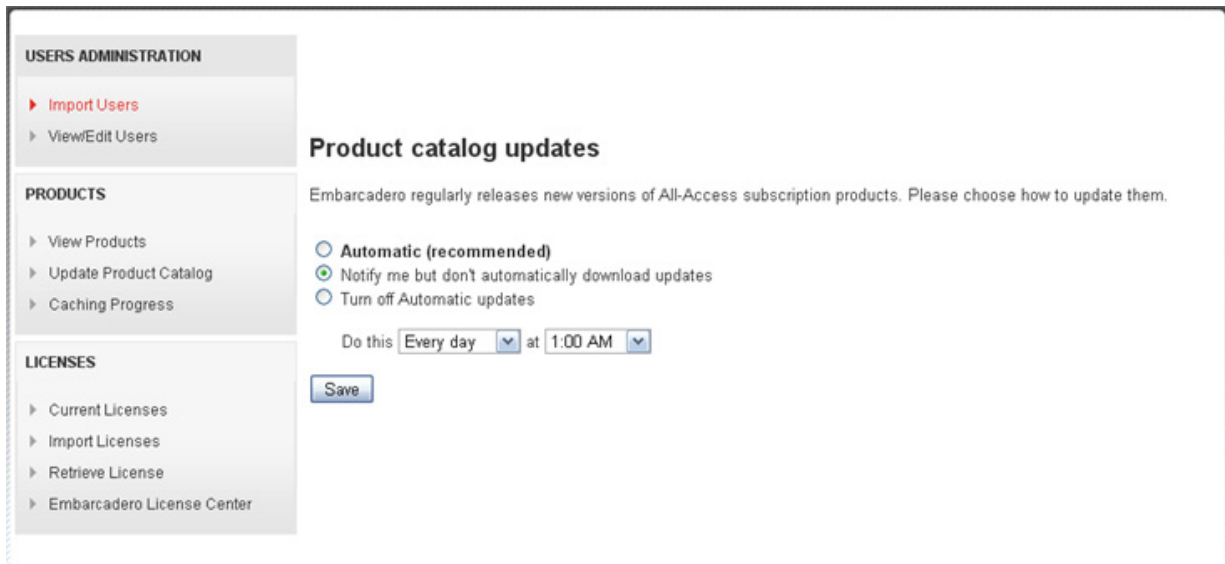
When you first click InstantOn, the Client will copy the InstantOn application to your machine. After the copy completes, click **Yes** to launch. Subsequent launches will originate from the local machine.

Click the wrench icon to configure the InstantOn launch and installation options.



STEP 10 – CONFIGURING PRODUCT CATALOG UPDATES

Set the behavior for obtaining product updates from Embarcadero.



1. Click **Update Product Catalog**.
2. Select the option you want for getting updates.
3. If you select **Automatic** or **Notify...**, specify the frequency and time for notifications.
4. Click **Save**. If you selected **Automatic** or **Notify...**, the **NOTIFICATIONS** button will display the number of new messages in red text. Click **NOTIFICATIONS** to see the messages.

Click-and-Run with Embarcadero® InstantOn™

In addition to the standard installation executables for ToolCloud products, Embarcadero provides InstantOn versions of each of the products. InstantOn installers provide click and-run functionality for each product, to simplify deployment and enable side-by-side versioning. InstantOn executables are also ideal in locked-down desktop environments because they do not affect system files or system registry settings.

InstantOn files use a technique called application virtualization to run within their own space without sharing DLLs or system-wide settings that could conflict with other applications. Application data, including configuration and license information, is stored locally on the hard disk, separate from the executable itself. InstantOn executables run on the local machine and are launched from either the local hard drive or over the network using the ToolBox.

In a ToolCloud-centered environment, also called network mode, InstantOn applications are provisioned and licensed by the ToolCloud and then accessed using the ToolBox. In this scenario, the ToolCloud obtains software updates from Embarcadero servers and makes them available to the ToolBox.

In a ToolBox-centered environment, also called workstation mode, the ToolBox downloads products from Embarcadero. Users license the products using the Embarcadero Developer Network (EDN). See the *All-Access Client User Guide* for more information.

Using InstantOn executables on a shared ToolCloud avoids the need to keep multiple machines updated with new versions. By keeping the ToolCloud version up to date, you will automatically gain access to the latest versions of the products. InstantOn executables launched from the ToolCloud benefit from application streaming, because the application will begin to open before the product has been fully downloaded. However, users who need frequent access to an application should run the file locally, as that is typically faster than running it from the ToolCloud. Users connected to a ToolCloud may copy InstantOn applications locally by clicking the wrench icon in the ToolBox and selecting Copy to Local.