

# Installation Instructions for iPlanet Application Server

Enterprise Pro Edition, Version 6.0, SP3

Updated September 2001

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These instructions contain important information about installing iPlanet Application Server, Enterprise Pro Edition, Version 6.0, SP3 (iAS EPE). Read this document carefully before you begin installing iPlanet Application Server and its bundled components.

An electronic version of these installation instructions can be found at the iPlanet documentation web site: <http://docs.ipplanet.com/docs/manuals/>. Check the web site prior to installing and setting up your software and then periodically thereafter to view the most up-to-date release notes and manuals for each piece of software bundled with this release.

These installation instructions contain the following sections:

- “General Information”
- “Installation Instructions”
- “How to Report Problems”
- “For More Information”

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## General Information

iPlanet Application Server, Enterprise Pro Edition, Version 6.0, SP3 contains four bundled iPlanet products. These products are:

- iPlanet Web Server, Enterprise Edition 4.1, SP7
- iPlanet Application Server 6.0, SP3
- iPlanet Process Manager 6.0, SP3
- Unified Integration Framework 6.0, SP2

# Installation Instructions

You may have previously installed versions of any one of the products bundled with this release of iAS EPE on your machine or network, which may or may not affect your installation strategy. The following scenarios can help you to install the products in the correct order. Be sure to follow installation instructions for your particular operating system and read the Release Notes.

**Table 1**    Installation Scenario Matrix

Currently Installed Product(s)	To Upgrade to iAS EPE 6.0, SP3 on NT or Solaris
None	Scenario 1: Clean Install
iPlanet Application Server 6.0, SP3 iPlanet Process Manager 6.0, SP2	Scenario 2: iPM Version Upgrade
iPlanet Application Server 6.0, SP2 iPlanet Process Manager 6.0, SP2	Scenario 3: iAS and iPM Version Upgrade

Currently, there is no upgrade path for versions of iAS and iPM below 6.0, SP2. If you have installed versions of either iAS 6.0, SP1 or iPM 6.0, SP1, you must uninstall these versions and follow “Scenario 1: Clean Install.” After installing all necessary software, you must redeploy any previously deployed iPM applications.

If you are performing an upgrade using either “Scenario 2: iPM Version Upgrade” or “Scenario 3: iAS and iPM Version Upgrade,” you do not need to redeploy or reregister iPM applications. The software upgrade installation preserves all iPM applications that are already registered with iAS.

## Scenario 1: Clean Install

Perform a **Clean Install** when you do not have any previously installed versions of the iAS EPE bundled products. Note that it is important to install the bundled software components in the correct order, as follows:

- Install iPlanet Web Server, Enterprise Edition 4.1, SP7 first.
- Install iPlanet Application Server 6.0, SP3 next.

Once you install iWS and iAS, the order of installation for iPlanet Process Manager 6.0, SP3 and Unified Integration Framework 6.0, SP2 does not matter. However, you must install UIF on the same machine or network cluster as the Application Server.

It is important to note that the Process Manager installation includes a unified install of the Application Server. Be sure to read the Release Notes for each piece of software before installing.

► **To perform a Clean Install of iAS EPE**

1. Install iPlanet Web Server, Enterprise Edition 4.1, SP7.

The iWS Release Notes and Installation Guide are located at the following url:

<http://docs.iplanet.com/docs/manuals/enterprise.html#41>

2. Install iPlanet Application Server 6.0, SP3, and iPlanet Process Manager 6.0, SP3.

The installation disk for iPM contains a unified install, which includes the installation of both iAS and iPM.

The iAS Release Notes and Installation Guide are located at the following url:

<http://docs.iplanet.com/docs/manuals/ias.html#sp3>

The iAS EPE 6.0, SP3 Release Notes contain specific information about iPM 6.0, SP3. In it you will find explanations of bugs found or fixed in the iPM 6.0, SP3 release. Use the iPM 6.0, SP2 documentation as your source of information for using and administering iPlanet Process Manager with iAS EPE. For information specific to iAS 6.0, SP3 and UIF 6.0, SP2 see the Release Notes for each product. You can locate these documents at

<http://docs.iplanet.com>

3. Install iAS Unified Integration Framework 6.0, SP2.

The iAS UIF Release Notes and Developer's Guide are located at the following url:

<http://docs.iplanet.com/docs/manuals/ias.html#uifsp2>

The Installation Instructions for iAS UIF are located in the UIF Developer's Guide. The iAS UIF must be installed on the same machine or network cluster as the Application Server.

## Scenario 2: iPM Version Upgrade

Perform an **iPM Version Upgrade** when you have iAS 6.0, SP3 and iPM 6.0, SP2 installed on your machine or network.

If you have iAS 6.0, SP3 and iPM 6.0, SP2 installed on your machine or network, you must install the patch for iAS 6.0, SP3 before installing iPM 6.0, SP3.

The iAS EPE 6.0, SP3 Release Notes contain specific information about iPM 6.0, SP3. In it you will find explanations of bugs found or fixed in the iPM 6.0, SP3 release. Use the iPM 6.0, SP2 documentation as your source of information for using and administering iPlanet Process Manager with iAS EPE. For information specific to iAS 6.0, SP3 and UIF 6.0, SP2 see the Release Notes for each product. You can locate these documents at <http://docs.iplanet.com>

## ► To perform an iPM Version Upgrade on Solaris

1. Navigate to the `patches` directory on the iPM 6.0, SP3 CD and follow the instructions in the `readme.wri` document to apply the iAS patches to iAS, SP3.
2. Run `setup` from the iPM 6.0, SP3 CD to begin installation of iPM 6.0, SP3.
3. Specify the path of the current installation that you want to upgrade.
4. Select Process Manager Components only (Server and Builder). Choose yes for the upgrade option.

Choosing to upgrade preserves all iPM applications that are already registered with iAS. You do not need to redeploy or reregister these applications.

During the upgrade process, the current version of the `preferences.ini` file is backed up in the `builder` directory. This backup copy, named `preferences.ipm.n`, contains your previously installed cluster and corporate directory information. `n` is a number in a sequence beginning with 0—the highest number indicates the latest file. You must copy this information to the new `preferences.ini` file.

To copy the information from the backup file (`preferences.ipm.n`) to the new `preferences.ini` file, see the section **“Updating the preferences.ini File.”**

5. Install iAS Unified Integration Framework 6.0, SP2.

The iAS UIF Release Notes and Developer's Guide are located at the following url:  
<http://docs.ipplanet.com/docs/manuals/ias.html#uifsp2>

The Installation Instructions for iAS UIF are located in the UIF Developer's Guide. The iAS UIF must be installed on the same machine or network cluster as the Application Server.

## ► To perform an iPM Version Upgrade on Windows

1. Navigate to the `patches` directory on the iPM 6.0, SP3 CD and follow the instructions in the `readme.wri` document to apply the iAS patches to iAS, SP3.
2. Run `setup.exe` from the iPM 6.0, SP3 CD to begin installation of iPM 6.0, SP3.

The installer searches for and finds the installation path of iPM 6.0, SP2. By default, the installer does not select iPM components to install.

3. Select Process Manager Components only (Server and Builder). Choose yes for the upgrade option.

Choosing to upgrade preserves all iPM applications that are already registered with iAS. You do not need to redeploy or reregister these applications.

During the upgrade process, the current version of the `preferences.ini` file is backed up in the `builder` directory. This backup copy, named `preferences.ipm.n`, contains your previously installed cluster and corporate directory information. `n` is a number in a sequence beginning with 0—the highest number indicates the latest file. You must copy this information to the new `preferences.ini` file.

To copy the information from the backup file (`preferences.ipm.n`) to the new `preferences.ini` file, see the section **“Updating the preferences.ini File.”**

#### 4. Install iAS Unified Integration Framework 6.0, SP2.

The iAS UIF Release Notes and Developer’s Guide are located at the following url:

<http://docs.iplanet.com/docs/manuals/ias.html#uifsp2>

The Installation Instructions for iAS UIF are located in the UIF Developer’s Guide. The iAS UIF must be installed on the same machine or network cluster as the Application Server.

## Scenario 3: iAS and iPM Version Upgrade

Perform an **iAS and iPM Version Upgrade** when you have iAS 6.0, SP2 and iPM 6.0, SP2 installed on your machine or network.

The iAS EPE 6.0, SP3 Release Notes contain specific information about iPM 6.0, SP3. In it you will find explanations of bugs found or fixed in the iPM 6.0, SP3 release. Use the iPM 6.0, SP2 documentation as your source of information for using and administering iPlanet Process Manager with iAS EPE. For information specific to iAS 6.0, SP3 and UIF 6.0, SP2 see the Release Notes for each product. You can locate these documents at <http://docs.iplanet.com>

### ► To perform an iAS and iPM Version Upgrade on Solaris

1. Run `setup` from the iPM 6.0, SP3 CD.
2. Specify the path of the current installation that you want to upgrade.
3. Select the components you want to upgrade. It is recommended that you upgrade all components shown.

Installer recognizes that the installation is an upgrade and prompts you for confirmation of the upgrade for both iAS and iPM.

4. Confirm your upgrade options by selecting `yes` when prompted.

Choosing to upgrade preserves all iPM applications that are already registered with iAS. You do not need to redeploy or reregister these applications.

During the upgrade process, the current version of the `preferences.ini` file is backed up in the `builder` directory. This backup copy, named `preferences.ipm.n`, contains your previously installed cluster and corporate directory information. `n` is a number in a sequence beginning with 0—the highest number indicates the latest file. You must copy this information to the new `preferences.ini` file.

To copy the information from the backup file (`preferences.ipm.n`) to the new `preferences.ini` file, see the section **“Updating the preferences.ini File.”**

**5. Install iAS Unified Integration Framework 6.0, SP2.**

The iAS UIF Release Notes and Developer’s Guide are located at the following url:

<http://docs.iplanet.com/docs/manuals/ias.html#uifsp2>

The Installation Instructions for iAS UIF are located in the UIF Developer’s Guide. The iAS UIF must be installed on the same machine or network cluster as the Application Server.

➤ **To perform an iAS and iPM Version Upgrade on Windows**

**1. Run `setup.exe` from the iPM 6.0, SP3 CD to begin installation of iPM 6.0, SP3.**

The installer searches for and finds the installation path of iPM 6.0, SP2. By default, the installer does not select any iAS and iPM components to install.

**2. Select the components you want to upgrade. It is recommended that you upgrade all components shown.**

Installer recognizes that the installation is an upgrade and prompts you for confirmation of the upgrade for both iAS and iPM.

**3. Confirm your upgrade options by selecting `yes` when prompted.**

Choosing to upgrade preserves all iPM applications that are already registered with iAS. You do not need to redeploy or reregister these applications.

During the upgrade process, the current version of the `preferences.ini` file is backed up in the `builder` directory. This backup copy, named `preferences.ipm.n`, contains your previously installed cluster and corporate directory information. `n` is a number in a sequence beginning with 0—the highest number indicates the latest file. You must copy this information to the new `preferences.ini` file.

To copy the information from the backup file (`preferences.ipm.n`) to the new `preferences.ini` file, see the section **“Updating the preferences.ini File.”**

**4. Install iAS Unified Integration Framework 6.0, SP2.**

The iAS UIF Release Notes and Developer’s Guide are located at the following url:

<http://docs.iplanet.com/docs/manuals/ias.html#uifsp2>

The Installation Instructions for iAS UIF are located in the UIF Developer's Guide. The iAS UIF must be installed on the same machine or network cluster as the Application Server.

## Updating the preferences.ini File

During the upgrade process, the current version of the `preferences.ini` file is backed up in the `builder` directory. This backup copy, named `preferences.ipm.n`, contains your previously installed cluster and corporate directory information. `n` is a number in a sequence beginning with 0—the highest number indicates the latest file. You must copy this information to the new `preferences.ini` file.

### ► To update the preferences.ini file

1. Open the `preferences.ipm.n` and `preferences.ini` files in a text editor.
2. Select the two lines that reference your cluster and corporate directory information in the `preferences.ipm.n` file and copy them to the clipboard.

The cluster and corporate directory information should resemble the following:

```
cluster = ldap://cn=Directory
Manager:CRYPT{encrypted_password}@machine_name:389/cn=myCluster,
o=NetscapeRoot

corp_dir = ldap://machine_name:389/ou=People, o=siroe.com
```

3. Paste the cluster and corporate directory information in the new `preferences.ini` file and save the file.

Once you save the file, Process Manager can access the installed cluster and corporate directory.

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## How to Report Problems

If you have problems with iPlanet Application Server, contact iPlanet customer support using one of the following mechanisms:

- iPlanet online support web site at <http://www.iplanet.com/support/online/>  
From this location, the CaseTracker and CaseView tools are available for logging problems.
- The telephone dispatch number associated with your maintenance contract

So that we can best assist you in resolving problems, please have the following information available when you contact support:

- Description of the problem, including the situation where the problem occurs and its impact on your operation
- Machine type, operating system version, and product version, including any patches and other software that might be affecting the problem
- Detailed steps on the methods you have used to reproduce the problem
- Any error logs or core dumps

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## For More Information

Useful iPlanet information can be found at the following Internet locations:

- iPlanet release notes and other documentation ---  
<http://docs.iplanet.com/docs/manuals/>
- iPlanet product status --- [http://www.iplanet.com/support/technical\\_resources/](http://www.iplanet.com/support/technical_resources/)
- iPlanet Professional Services information ---  
[http://www.iplanet.com/services/professional\\_services\\_3\\_3.html](http://www.iplanet.com/services/professional_services_3_3.html)
- iPlanet developer information --- <http://developer.iplanet.com/>
- iPlanet learning solutions --- <http://www.iplanet.com/learning/index.html>
- iPlanet product data sheets --- <http://www.iplanet.com/products/index.html>

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