

Simple Guideline on WebSAMS Version Major Upgrade via WebStart

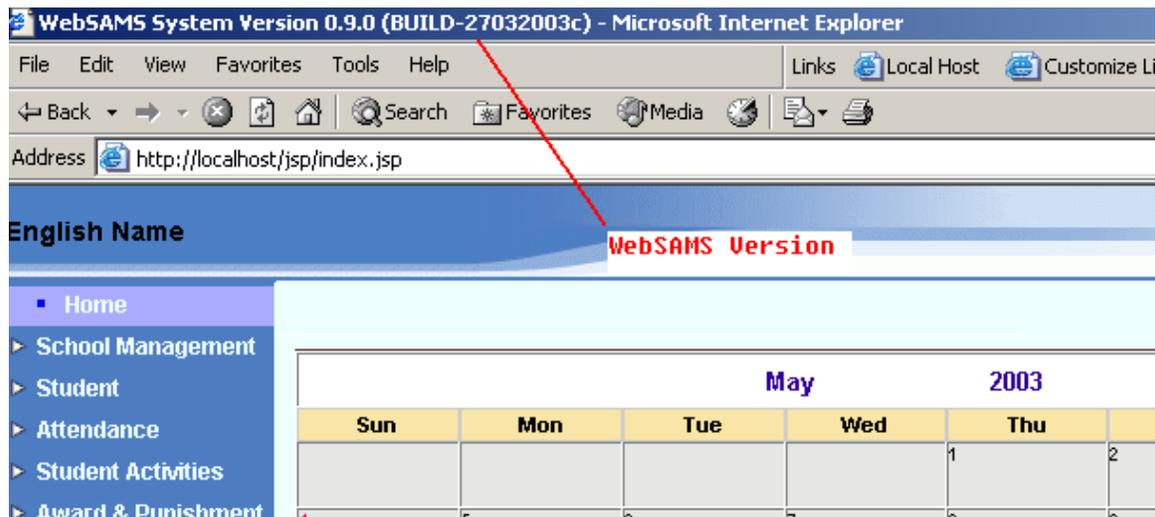
This document is a WebSAMS major upgrade guideline where the upgrade is through the use of WebStart – a component of WebSAMS.

There are two types of WebSAMS upgrades – minor and major upgrades. Minor upgrade is triggered by a scheduled task automatically and no human intervention is required. But, Major upgrade process has to be triggered at WebSAMS server manually.

The following information provides you a step-by-step guideline to trigger a major upgrade via WebStart.

Note:

- The operation of WebSAMS application will be interrupted during the process of upgrading.
- No matter what WebSAMS version a school is, it must upgrade to the latest WebSAMS version one version by version from the current school version.
- Must know the current WebSAMS version before trigger the upgrade.
The current WebSAMS version can be found at the title bar after you login to WebSAMS application, i.e. 0.9.0 (Build-27032003c) as shown below:

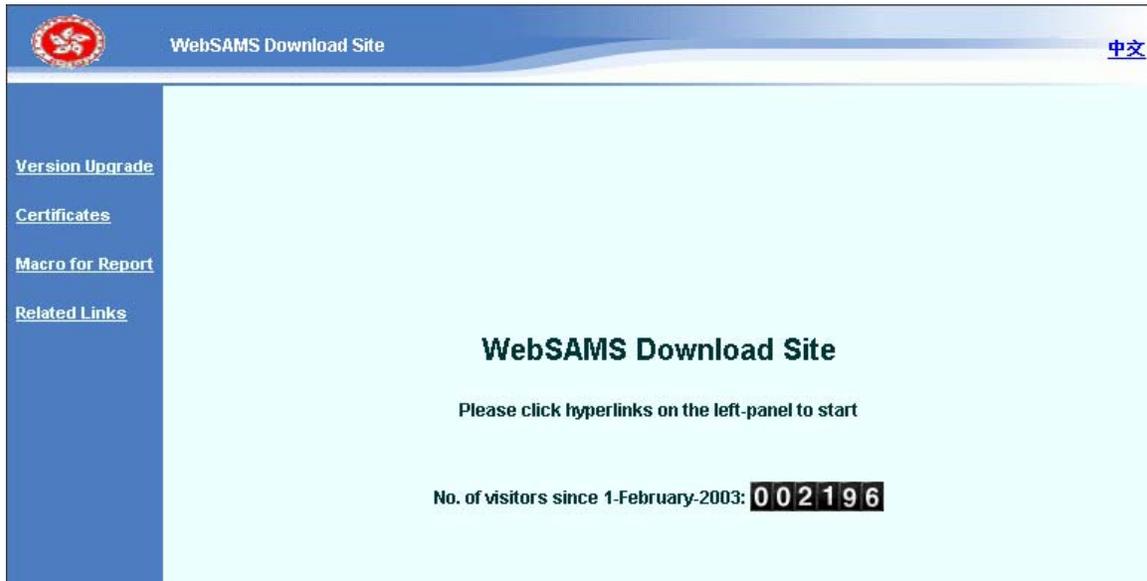


The screenshot shows a Microsoft Internet Explorer browser window. The title bar reads "WebSAMS System Version 0.9.0 (BUILD-27032003c) - Microsoft Internet Explorer". The address bar shows "http://localhost/jsp/index.jsp". The application header displays "English Name" and "WebSAMS Version". A red arrow points from the title bar to the "WebSAMS Version" label. Below the header is a navigation menu with items: Home, School Management, Student, Attendance, Student Activities, and Award & Punishment. The main content area shows a calendar for May 2003.

May 2003					
Sun	Mon	Tue	Wed	Thu	Fri
				1	2

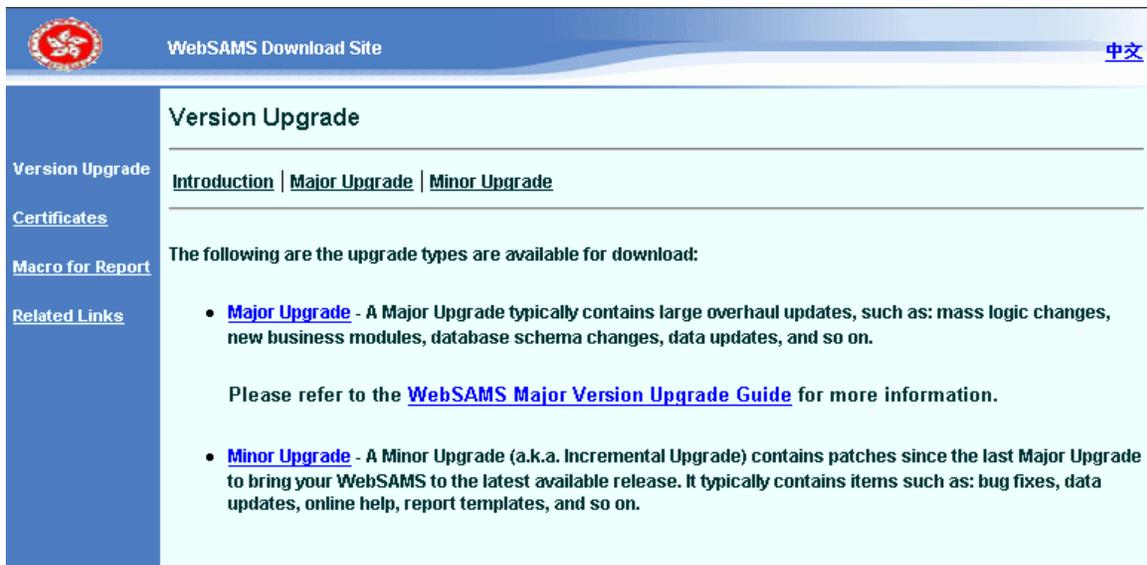
Steps:

1. Go to URL: <http://www.websams.emb.gov.hk>



The screenshot shows the homepage of the WebSAMS Download Site. The header includes the site logo, the text "WebSAMS Download Site", and a "中文" link. A left-hand navigation menu contains links for "Version Upgrade", "Certificates", "Macro for Report", and "Related Links". The main content area features the title "WebSAMS Download Site", a message "Please click hyperlinks on the left-panel to start", and a visitor count: "No. of visitors since 1-February-2003: 002196".

2. Click on **Version Upgrade** at left panel.



The screenshot shows the "Version Upgrade" page. The left-hand navigation menu is visible, with "Version Upgrade" selected. The main content area has the title "Version Upgrade" and sub-links for "Introduction", "Major Upgrade", and "Minor Upgrade". Below this, it states "The following are the upgrade types are available for download:" and lists two types: "Major Upgrade" and "Minor Upgrade".

- **Major Upgrade** - A Major Upgrade typically contains large overhaul updates, such as: mass logic changes, new business modules, database schema changes, data updates, and so on.
Please refer to the [WebSAMS Major Version Upgrade Guide](#) for more information.
- **Minor Upgrade** - A Minor Upgrade (a.k.a. Incremental Upgrade) contains patches since the last Major Upgrade to bring your WebSAMS to the latest available release. It typically contains items such as: bug fixes, data updates, online help, report templates, and so on.

3. Click on **Major Upgrade**. A list of Major WebSAMS version upgrade packages will be shown.

Sample:



Version Upgrade

Version Upgrade

[Introduction](#) | [Major Upgrade](#) | [Minor Upgrade](#)

Certificates

Macro for Report

Related Links

MAJOR VERSION UPGRADE(S)					
DESCRIPTION	RELEASE DATE	EXPIRY DATE	PREREQUISITE VERSION	TARGET VERSION	UPGRADE LINK
A Major Upgrade typically contains large overhaul updates, such as: mass logic changes, new modules, functionality extensions, database schema changes, and so on. Please click on the link corresponding to your current WebSAMS version to start the upgrade.	July-16-2003	TBA	1.0.0.19062003d	1.0.0.02072003b	NEW Upgrade Now Click here to upgrade the 2nd instance of 1-server-2-websams
	July-3-2003	TBA	0.9.0.20052003b OR 1.0.0.29052003c	1.0.0.19062003d	NEW Upgrade Now Click here to upgrade the 2nd instance of 1-server-2-websams

4. Then, click on the link corresponding to your current WebSAMS version to start the upgrade.

For example, if your current WebSAMS version is 0.9.0 (Build-27032003c), you may click on the [Upgrade Now](#) link for package 0.9.0.27032003c -> 0.9.0.08042003b to upgrade your WebSAMS version to 0.9.0 (Build-08042003b).

Note: "Prerequisite Version" is equivalent to your current WebSAMS version.

					instance of 1-server-2-websams
	May-26-2003	TBA	0.9.0.08042003b	0.9.0.28042003b	Upgrade Now Click here to upgrade the 2nd instance of 1-server-2-websams
	Apr-11-2003	TBA	0.9.0.27032003c	0.9.0.08042003b	Upgrade Now Click here to upgrade the 2nd instance of 1-server-2-websams
	Apr-15-2003	TBA	0.9.0.27022003d	0.9.0.27032003c(revised)	Upgrade Now Click here to upgrade the 2nd instance of 1-server-2-websams
	Mar-7-2003	TBA	0.9.0.25022003a	0.9.0.27022003d	Upgrade Now Click here to upgrade the 2nd instance of 1-server-2-websams

5. Upon clicking on the link, an upgrade package will be downloaded. The download process will take approximately 10-15 minutes.



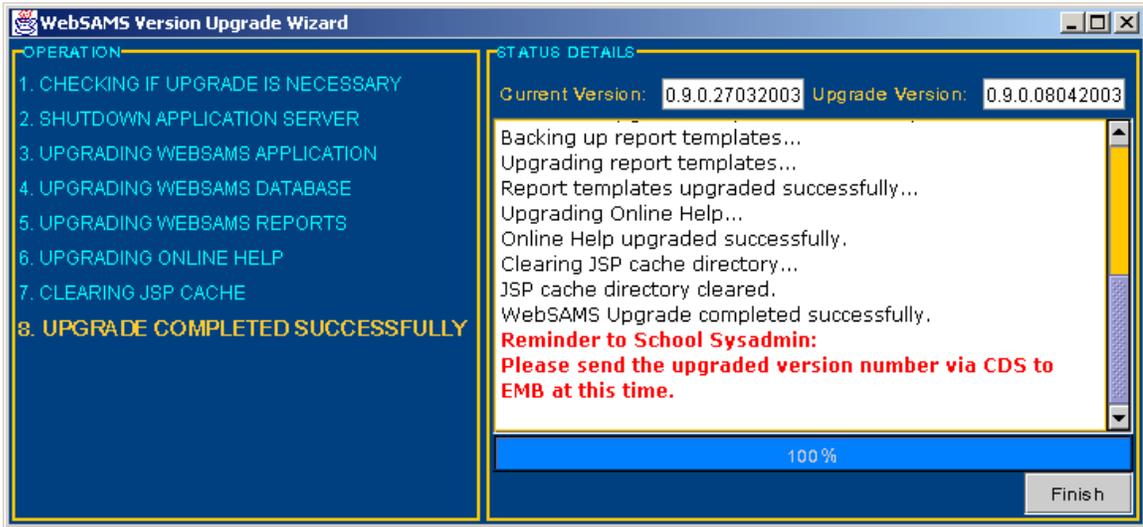
6. Upon completion of download, another window will be prompted. You may click on the **Start** button to perform the upgrade.



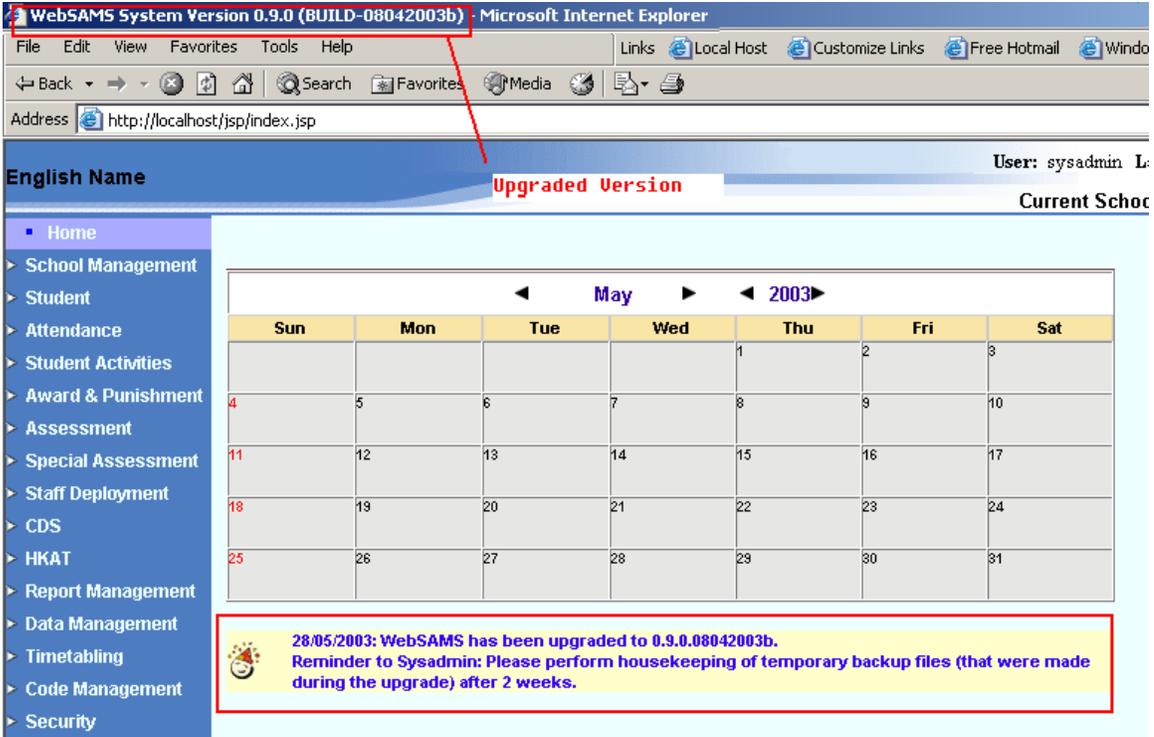
7. The Upgrade Process will perform all the following tasks in carrying out the upgrade:
Note: Jboss must be shutdown while performing the upgrade.

- a. Checking If Upgrade Is Necessary
- b. Shutdown Application Server
- c. Upgrading WebSAMS Application
- d. Upgrading WebSAMS Database
- e. Upgrading WebSAMS Reports
- f. Upgrading Online Help
- g. Clearing JSP Cache
- h. Upgrade Completed Successfully

8. Upon successful upgrade, school has to **re-start** the Jboss manually and send the upgraded version number via CDS to EMB.



After that, login to WebSAMS application again. The upgraded version i.e. 0.9.0 (Build-08042003b) will be shown at the title bar. Also, an announcement will be displayed under the calendar and indicate that WebSAMS has been upgraded to a new version.



9. However, if any of the above tasks is failed, the upgrade will be aborted. And, the system will perform a rollback automatically.

Once the rollback is completed (see below), school may contact NCS WebSAMS Helpdesk for assistance.

Please send an email to NCS WebSAMS Helpdesk (websams_support@hk.ncs-i.com) and provide following items for further investigation:

- School Name
- School Contact Person Name & Number
- Current WebSAMS version
- Wish to upgrade to which version
- Websams upgrade log file from
E:\temp\wsup1\<timestamp>\websams_upgrade.log

