

**Guideline  
of  
Applying Patch  
in  
HTTP Server  
of  
WebSAMS 3.0**

Version 1.2

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## Upgrade Procedure

Please go through the following steps for applying patch in HTTP Server of WebSAMS 3.0.

\*\*\* *If problem is encountered at any time, please refer to the sections of “Troubleshoot” for details of solutions.*

- 1) Log in HTTP server by using the “root” account.
- 2) Type the following command and press [Enter]:

```
starthsp
```

- 3) If the process is successful, the following message will be shown.

Please type “y” to reboot the HTTP Server in order to make the new setting effective.

```
*** The SSL Certificate is replaced successfully !!
*** Patch 20161101 is applied successfully!

*****
All patches have been applied!

*****

Please be reminded to input the PassPhrase for starting the Apache SSL service
after system reboot!

System will be rebooted!
Confirm? (y/n)
```

**\*\* Note\*\***

***Please be reminded:***

- *to input the PassPhrase for starting the Apache SSL service after system reboot!*
- *to perform backup of system configuration of HTTP Server after system reboot!*  
*(Please refer to Section 8 of [“Installation Guidelines for WebSAMS 3.0”](#) for detailed backup procedures.)*



**The process is completed.**

**\*\*\*\* Notice \*\*\*\***

For any technical assistance, schools may contact WebSAMS Help Desk at 3125-8510 for further assistance or enquiry.

## Troubleshoot 1 *starthsp: command not found*

### Problem

When enter command “starthsp”, the following error message is shown:

```
-bash: starthsp: command not found
```

### Solution

- 1) Type the following command and press [Enter]:

```
cd /tmp
```

- 2) Type the following command and press [Enter]:

```
wget http://www.websams.edb.gov.hk/hspatch_SELS11/setuphsp
```

- 3) The following message will be shown:

```
100%[=====>] 557      --.-K/s  in 0s  
2014-12-15 01:56:36 (48.6 MB/s) - 'setuphsp' saved [557/557]
```

- 4) Type the following command and press [Enter]:

```
sh setuphsp
```

And now, please refer to **Upgrade Procedure** Steps 3 and 4 for details of the subsequent steps.

## Troubleshoot 2 **ERROR 403: Forbidden**

### Problem

When cannot connect to *www.websams.edb.gov.hk*, the following error message is shown:

```
Connecting to www.websams.edb.gov.hk (www.websams.edb.gov.hk) | 103.243.2.71 | :80..  
. connected.  
HTTP request sent, awaiting response... 403 Forbidden  
2016-11-02 09:44:20 ERROR 403: Forbidden.
```

### Solution

- 1) Type the following command and press [Enter]:

```
wget -qO - http://checkip.dyndns.org
```

- 2) The following message will be shown.

Please jot down the IP Address and contact WebSAMS School Liaison Officer of EDB.

```
<html><head><title>Current IP Check</title></head><body>Current IP Address: XXX.XXX.XXX.XXX </body></html>
```

- 3) When WebSAMS School Liaison Officer confirms that the IP Address has been added to the download site, please go through the **Upgrade Procedure** again.