



LH Bank

**IBM HTTP Server Method Disablement
Guide**

31 July 2012

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Document Administration

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1.0	31/07/2012	Initial Release	Danniell Cheang Penril Datability	Amy Chuah, Penril Datability	Tan Lee Yong, Penril Datability
1.1	31/07/2012	Added mod rewrite	Danniell Cheang Penril Datability	Amy Chuah, Penril Datability	Tan Lee Yong, Penril Datability

Document Distribution List

Date Sent	Name	Organization/Department	Designation

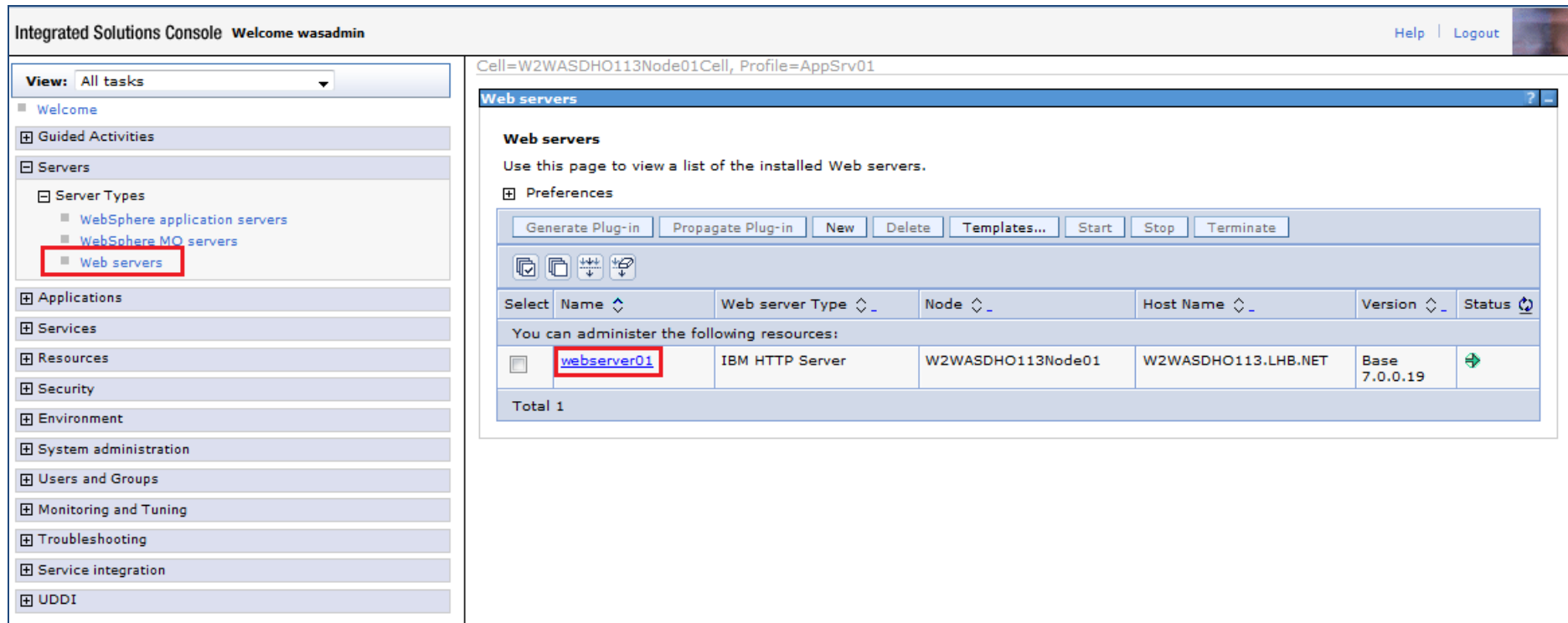


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1 Disable HTTP: TRACE, OPTIONS

Step 1:



Integrated Solutions Console Welcome wasadmin Help | Logout

View: All tasks

Cell=W2WASDHO113Node01Cell, Profile=AppSrv01

Web servers

Use this page to view a list of the installed Web servers.

Preferences

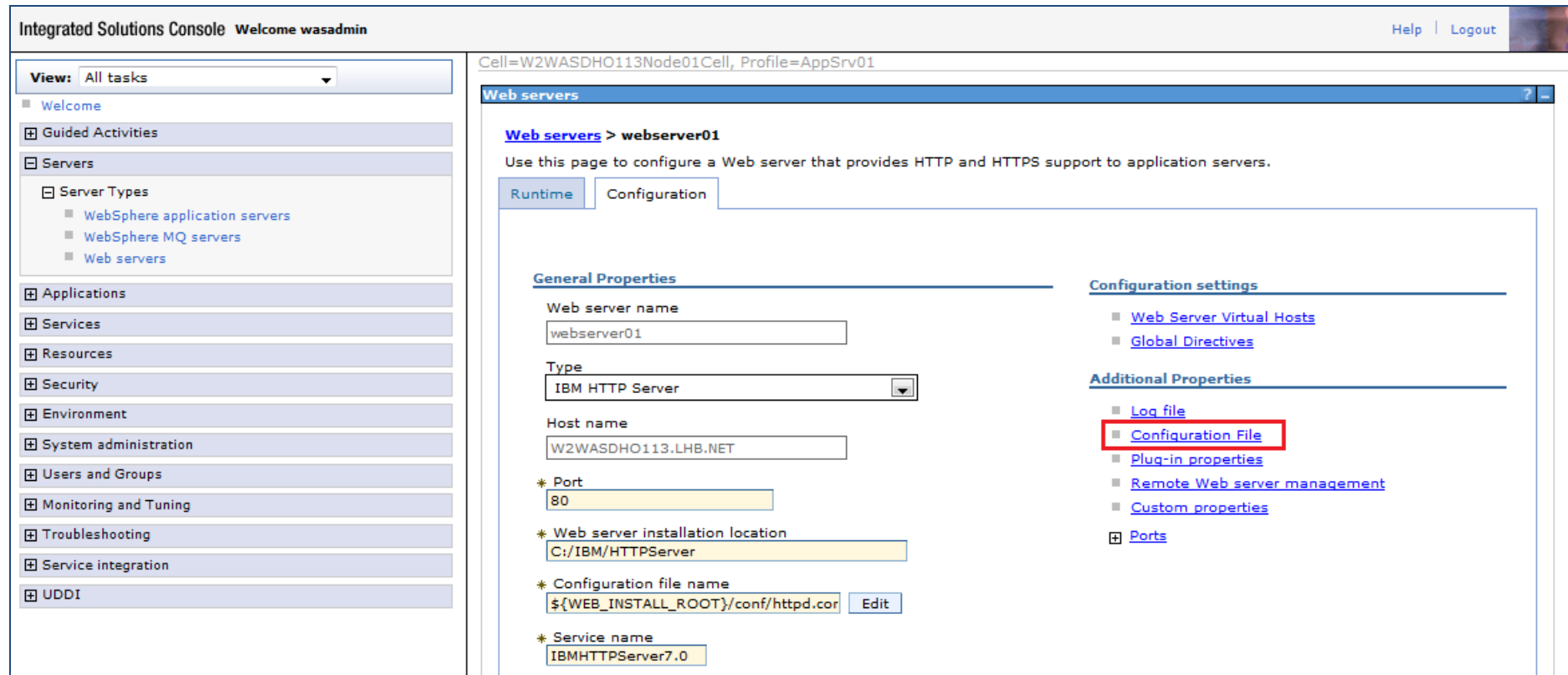
Generate Plug-in Propagate Plug-in New Delete Templates... Start Stop Terminate

Select	Name	Web server Type	Node	Host Name	Version	Status
<input type="checkbox"/>	webserver01	IBM HTTP Server	W2WASDHO113Node01	W2WASDHO113.LHB.NET	Base 7.0.0.19	

Total 1

1. Login to Integration Solution Console.
2. Selects Servers > Server Types > Web servers.
3. Select the required Web server (e.g. 'webserver01') for configurations.

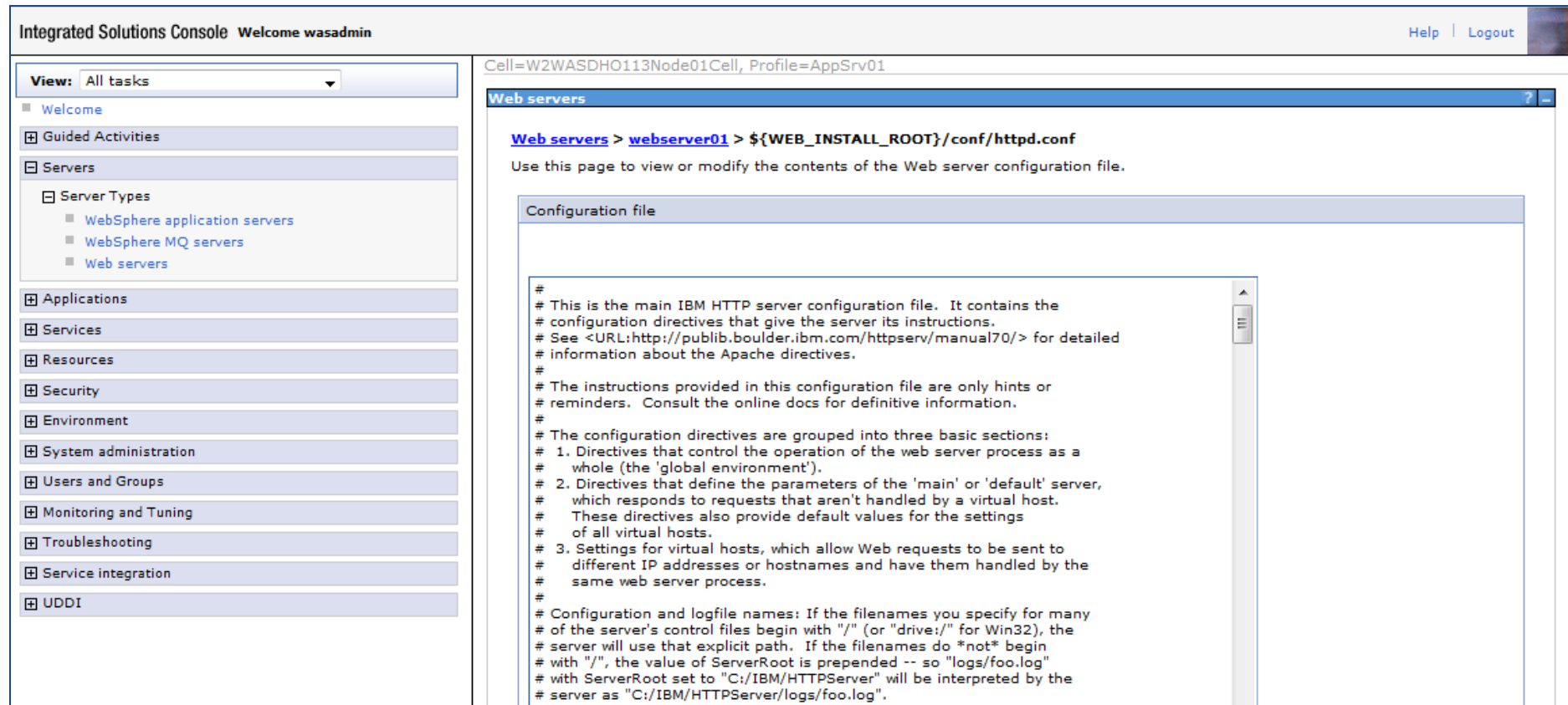
Step 2:



The screenshot shows the 'Integrated Solutions Console' interface. On the left is a navigation tree with categories like 'Servers', 'Applications', and 'Services'. The main area displays the configuration for 'Web servers > webserver01'. It includes tabs for 'Runtime' and 'Configuration'. Under 'Configuration', there are sections for 'General Properties' (with fields for name, type, host name, port, and installation location) and 'Additional Properties' (with links for 'Log file', 'Configuration File', 'Plug-in properties', 'Remote Web server management', and 'Custom properties'). The 'Configuration File' link is highlighted with a red rectangular box.

1. Selected Web Server configuration menu will display.
2. Click on 'Configuration File' link.

Step 3:



Integrated Solutions Console Welcome wasadmin Help | Logout

Cell=W2WASDHO113Node01Cell, Profile=AppSrv01

View: All tasks

- Welcome
- Guided Activities
- Servers
 - Server Types
 - WebSphere application servers
 - WebSphere MQ servers
 - Web servers
- Applications
- Services
- Resources
- Security
- Environment
- System administration
- Users and Groups
- Monitoring and Tuning
- Troubleshooting
- Service integration
- UDDI

Web servers

Web servers > webserver01 > \${WEB_INSTALL_ROOT}/conf/httpd.conf

Use this page to view or modify the contents of the Web server configuration file.

Configuration file

```
#
# This is the main IBM HTTP server configuration file. It contains the
# configuration directives that give the server its instructions.
# See <URL:http://publib.boulder.ibm.com/httperv/manual70/> for detailed
# information about the Apache directives.
#
# The instructions provided in this configuration file are only hints or
# reminders. Consult the online docs for definitive information.
#
# The configuration directives are grouped into three basic sections:
# 1. Directives that control the operation of the web server process as a
# whole (the 'global environment').
# 2. Directives that define the parameters of the 'main' or 'default' server,
# which responds to requests that aren't handled by a virtual host.
# These directives also provide default values for the settings
# of all virtual hosts.
# 3. Settings for virtual hosts, which allow Web requests to be sent to
# different IP addresses or hostnames and have them handled by the
# same web server process.
#
# Configuration and logfile names: If the filenames you specify for many
# of the server's control files begin with "/" (or "drive:/" for Win32), the
# server will use that explicit path. If the filenames do *not* begin
# with "/", the value of ServerRoot is prepended -- so "logs/foo.log"
# with ServerRoot set to "C:/IBM/HTTPServer" will be interpreted by the
# server as "C:/IBM/HTTPServer/logs/foo.log",
```

1. Configuration file will display.

Step 4:

Integrated Solutions Console Welcome wasadmin Help | Logout

Cell=W2WASDHO113Node01Cell, Profile=AppSrv01

View: All tasks

- Welcome
- Guided Activities
- Servers
 - Server Types
 - WebSphere application servers
 - WebSphere MQ servers
 - Web servers
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 - New Application
 - Application Types
 - WebSphere enterprise applications
 - Business-level applications
 - Assets
- Services
- Resources
- Security
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- Users and Groups
- Monitoring and Tuning
- Troubleshooting
- Service integration
- UDDI

Web servers

[Web servers](#) > [webserver01](#) > `${WEB_INSTALL_ROOT}/conf/httpd.conf`

Use this page to view or modify the contents of the Web server configuration file.

Configuration file

```

LoadModule actions_module modules/mod_actions.so
#LoadModule spelling_module modules/mod_spelling.so
#LoadModule userdir_module modules/mod_userdir.so
LoadModule alias_module modules/mod_alias.so
LoadModule rewrite_module modules/mod_rewrite.so
#LoadModule deflate_module modules/mod_deflate.so

RewriteEngine On
RewriteCond %{REQUEST_METHOD} ^(TRACE|TRACK|OPTIONS)
RewriteRule .* - [F]

#
# ExtendedStatus controls whether the web server will generate "full"
# status information (ExtendedStatus On) or just basic information
# (ExtendedStatus Off) when the server status page is formatted or
# when IBM HTTP Server diagnostic modules report information. The
# default is Off.
#
LoadModule status_module modules/mod_status.so
<IfModule mod_status.c>
ExtendedStatus On
</IfModule>

### Section 2: 'Main' server configuration
#
# The directives in this section set up the values used by the 'main'
# server, which responds to any requests that aren't handled by a
# <VirtualHost> definition. These values also provide defaults for
# any <VirtualHost> containers you may define later in the file.
#
# All of these directives may appear inside <VirtualHost> containers,
# in which case these default settings will be overridden for the
# virtual host being defined.
#

```

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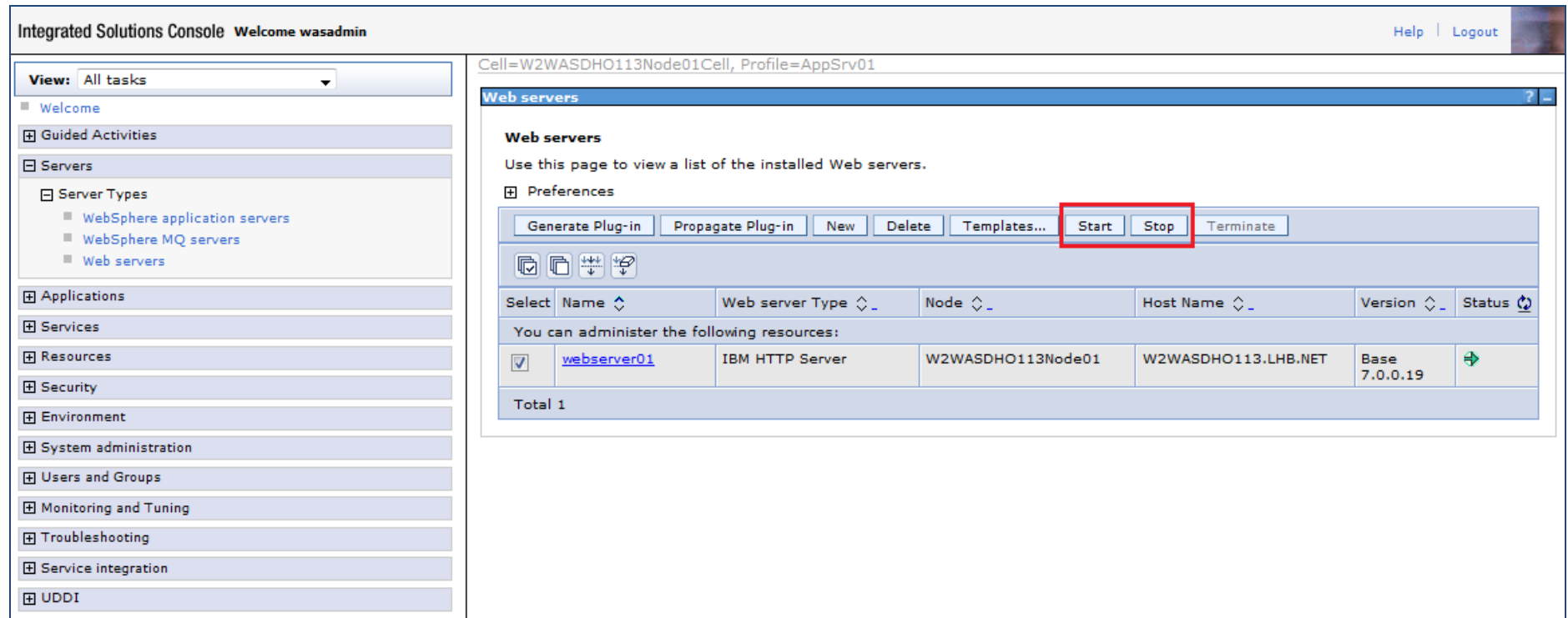
- Private & Confidential -



1. Remove the '#' in front of the line 'LoadModule rewrite_module modules/mod_rewrite.so'
2. Add the following:

```
RewriteEngine On  
RewriteCond %{REQUEST_METHOD} ^(TRACE|TRACK|OPTIONS)  
RewriteRule .* - [F]
```


Step 5:



Integrated Solutions Console Welcome wasadmin


Cell=W2WASDHO113Node01Cell, Profile=AppSrv01

Web servers

Use this page to view a list of the installed Web servers.

Preferences

Generate Plug-in Propagate Plug-in New Delete Templates... **Start** **Stop** Terminate

Select	Name	Web server Type	Node	Host Name	Version	Status
<input checked="" type="checkbox"/>	webserver01	IBM HTTP Server	W2WASDHO113Node01	W2WASDHO113.LHB.NET	Base 7.0.0.19	

Total 1

1. Restart the Web Server using the Stop/Start function.