

Making IBM HTTP Server Logs Rotates/Rolls Daily

IBM HTTP Server has many Logs for it under Folder "<Installation_Directory>/IBM/HTTPServer/logs", sometimes those logs take much more time to open if they were too large and logged many data, you can customize those log files , we can say that defaults log in IBM HTTP Server are:

1. Admin Log : admin_access.log
2. Admin Error Log : admin_error.log.
3. Access Log : access_log.
4. Error Log : error_log.

In This tutorial we will represent how to make "Access log and Error Log" Rolling By Day and by Size :

Note : This tutorial in IBM HTTP Server v8.5 and Red hat Linux , take care when implementing it on other OS's

Steps in Appending the Logs it seems Like Apache Http Server :

1. Locate IBM HTTP Server in <Installation_DIR>/IBMHTTPServer/conf in Your Operating System, to edit the configuration.
2. Then Open httpd.conf.

ion: /opt/IBM/HTTPServer/conf

Name	Size	Type	Date Modified
admin.conf	5.3 KB	plain text document	Wed 16 Jul 2014 08:17:42 PM EEST
admin.conf.default	5.3 KB	plain text document	Wed 16 Jul 2014 09:42:22 PM EEST
admin.passwd	47 bytes	plain text document	Wed 16 Jul 2014 08:17:41 PM EEST
httpd.conf	32.4 KB	plain text document	Wed 24 Dec 2014 12:43:03 PM EET
httpd.conf.default	29.9 KB	plain text document	Wed 16 Jul 2014 09:42:22 PM EEST
ldap.prop.sample	7.9 KB	plain text document	Mon 13 Jan 2014 04:51:44 PM EET
magic	12.7 KB	plain text document	Wed 16 Jul 2014 07:51:30 PM EEST
magic.default	12.7 KB	plain text document	Wed 20 Feb 2013 12:52:02 PM EET
mime.types	14.7 KB	plain text document	Wed 16 Jul 2014 07:51:30 PM EEST
mime.types.default	14.7 KB	plain text document	Wed 20 Feb 2013 12:52:02 PM EET
postinst.properties	288 bytes	plain text document	Wed 16 Jul 2014 07:51:29 PM EEST

3. Locate the line : CustomLog log/access_log common.
4. Comment the line, after this line type :

```
CommonLog "|/opt/IBM/HTTPServer/bin/rotatelog -l
/opt/IBM/HTTPServer/log/access_log.%Y.%m.%d 5M" common
```

```
# IBM HTTP Server Default Common Log
#CustomLog logs/access_log common
CustomLog "|/opt/IBM/HTTPServer/bin/rotatelog -l /opt/IBM/HTTPServer/logs/access_log.%Y.%m.%d 5M" common
```

5. Locate the Line : ErrorLog log/error_log.
6. Comement the Line and press enter and Enter the Code Below instead the current one :

```
ErrorLog "|/opt/IBM/HTTPServer/bin/rotatelog -l
/opt/IBM/HTTPServer/log/error_log.%Y.%m.%d 5M"
```

```
#
# ErrorLog: The location of the error log file.
# If you do not specify an ErrorLog directive within a <VirtualHost>
# container, error messages relating to that virtual host will be
# logged here.  If you *do* define an error logfile for a <VirtualHost>
# container, that host's errors will be logged there and not here.
#
#ErrorLog logs/error_log
ErrorLog "|/opt/IBM/HTTPServer/bin/rotatelog -l /opt/IBM/HTTPServer/logs/error_log.%Y.%m.%d 5M"
#
# LogLevel: Control the number of messages logged to the error log.
# Possible values include: debug, info, notice, warn, error, crit,
# alert, emerg.
#
```

7. Then Restart IBM HTTP Server.
8. Type the URL for the Host for IBM HTTP Server from Browser and you can see the access log is logging by the Current date.

