**Name Based Virutal Hosting Using Apache Server**

**Step1**

Create entry in your dns. For testing modify c:\windows\system32\drivers\etc\hosts file

**Step 2**

Install apache2

download mod\_jk and rename it to mod\_jk.so and put in apache2/modules/

Edit conf/httpd.conf

Add following lines:

# Load mod\_jk module

# Update this path to match your modules location

LoadModule jk\_module modules/mod\_jk.so

# Where to find workers.properties

# Update this path to match your conf directory location (put workers.properties next to httpd.conf)

JkWorkersFile conf/workers.txt

# Where to put jk shared memory

# Update this path to match your local state directory or logs directory

JkShmFile logs/mod\_jk.shm

# Where to put jk logs

# Update this path to match your logs directory location (put mod\_jk.log next to access\_log)

JkLogFile logs/mod\_jk.log

# Set the jk log level [debug/error/info]

JkLogLevel info

# Select the timestamp log format

JkLogStampFormat "[%a %b %d %H:%M:%S %Y] "

# Send everything for context /examples to worker named worker1 (ajp13)

**Step 3:**

create workers.txt file and put it in apache2/conf directory

**Step 4:**

Add following in your tbits/tomcat/conf/server.xml of each tomcat and modify the port.

<Connector

port="9009"

maxThreads="150"

minSpareThreads="25"

maxSpareThreads="75"

enableLookups="false"

acceptCount="100"

connectionTimeout="600000"

disableUploadTimeout="true"

URIEncoding="UTF-8"

compressableMimeType="text/javascript,text/css,text/html,text/xml,text/plain"

compression="on"

socket\_keepalive="true"

server="tBits 6.0"

protocol="AJP/1.3"

redirectPort="9443"

/>

**Step 5:**

uncomment the line:

Include apache2/ conf/extra/httpd-vhosts.conf

**Step 6:**

Add following in the apache2/ conf/extra/httpd-vhosts.conf

#

# Virtual Hosts

#

# If you want to maintain multiple domains/hostnames on your

# machine you can setup VirtualHost containers for them. Most configurations

# use only name-based virtual hosts so the server doesn't need to worry about

# IP addresses. This is indicated by the asterisks in the directives below.

#

# Please see the documentation at

# <URL:http://httpd.apache.org/docs/2.2/vhosts/>

# for further details before you try to setup virtual hosts.

#

# You may use the command line option '-S' to verify your virtual host

# configuration.

#

# Use name-based virtual hosting.

#

NameVirtualHost \*:80

#

# VirtualHost example:

# Almost any Apache directive may go into a VirtualHost container.

# The first VirtualHost section is used for all requests that do not

# match a ServerName or ServerAlias in any <VirtualHost> block.

#

<VirtualHost \*:80>

ServerAdmin webmaster@dummy-host.snowwhite.localdomain

JkMount /\* worker1

#DocumentRoot "C:/Program Files/Apache Software Foundation/Apache2.2/docs/dummy-host.snowwhite.localdomain"

ServerName dummy-host.snowwhite

ServerAlias www.dummy-host.snowwhite.localdomain

ErrorLog "logs/dummy-host.snowwhite.localdomain-error.log"

CustomLog "logs/dummy-host.snowwhite.localdomain-access.log" common

</VirtualHost>

<VirtualHost \*:80>

ServerAdmin webmaster@dummy-host2.snowwhite.localdomain

JkMount /\* worker2

# DocumentRoot "C:/Program Files/Apache Software Foundation/Apache2.2/docs/dummy-host2.snowwhite.localdomain"

ServerName dummy-host2.snowwhite

ErrorLog "logs/dummy-host2.snowwhite.localdomain-error.log"

CustomLog "logs/dummy-host2.snowwhite.localdomain-access.log" common

</VirtualHost>