



This PDF is generated from authoritative online content, and is provided for convenience only. This PDF cannot be used for legal purposes. For authoritative understanding of what is and is not supported, always use the online content. To copy code samples, always use the online content.

User's Guide

Configure the Apache Server

Configure the Apache Server

Purpose: To configure Apache HTTP load balancing for the UCS database.

Contents

- [1 Configure the Apache Server](#)
 - [1.1 Procedure](#)

Procedure

Start

1. In the <path to Apache>\conf\httpd.conf file, configure the Apache capacity:

```
<IfModule mpm_winnt_module>
    ThreadsPerChild   3350
    ThreadLimit 4000
    MaxRequestsPerChild  0
</IfModule>
```

Important

The module mpm_winnt_module is available for Windows only. For more information on the mpm_winnt_module or other modules for Unix/Linux, see your Apache's documentation.

2. In the <path to Apache>\conf\httpd.conf file, enable (uncomment) the following lines:

```
LoadModule proxy_http_module /usr/lib/apache2/modules/mod_proxy_http.so
LoadModule proxy_module /usr/lib/apache2/modules/mod_proxy.so
LoadModule proxy_balancer_module /usr/lib/apache2/modules/mod_proxy_balancer.so
LoadModule proxy_ajp_module /usr/lib/apache2/modules/mod_proxy_ajp.so
LoadModule jk_module /usr/lib/apache2/modules/mod_jk.so
```

3. At the end of the <path to Apache>\conf\httpd.conf file, specify the path to mod_proxy.conf:
include "<path to Apache>\conf\mod_proxy.conf"

4. In the <path to Apache>\conf\mod_proxy.conf file, enter the following:

```
<Location /someUrl/>
    # Turn on Proxy status reporting at /status
    # This should be better protected than: Allow from all
    ProxyStatus On
</Location>
<Location /status>
    SetHandler server-status
    Order Deny,Allow
    Allow from all
</Location>
##### Proxy HTTP #####
ProxyPass /cs/ balancer://cscluster/
<Proxy balancer://cscluster>
    BalancerMember <nowiki>http://Context Services Server1:8182 loadfactor=1</nowiki>
    BalancerMember <nowiki>http://Context Services Server2:8485 loadfactor=1</nowiki>
    BalancerMember <nowiki>http://Context Services Server3:8283 status=+H</nowiki>
    BalancerMember <nowiki>http://Context Services Server4:8384 status=+H</nowiki>
    # status 'H' is hot standby
    ProxySet lbmethod=byrequests
</Proxy>
</Location>
```

Important

Replace the above server names with your environment server values.

End