

## Apache configuration for Virtual Server with certificate-based authentication for <https://lcg-nodes-status.cern.ch:8282/>

**Status of 2007-07-04** In order to free lxb2051 from this service, Laurence Field moved it to the central afs web servers and can now be found on this address:

<https://webafs02.cern.ch/gd-node-status/cgi-bin/nodes-status.cgi>

### Status of 2006-12-07

- Physical host lxb2051.
- Defined DNS alias lcg-nodes-status in LANDB.
- Obtained a host certificate for this DNS alias.
- Opened port 8282 on the firewall (this is desirable but not mandatory, access is mostly needed from within CERN). The port 443 was busy by another application on the same host.
- cgi-bin scripts and datafiles are in afs (the host must run the afs client). A special httpd\_afs should be used to take care of afs token refresh.
- The users' certificate DNs are kept in a file used by AuthUserFile.
- Apache configuration in */etc/httpd/conf/httpd.conf* calls the specific configuration file in */etc/httpd/conf.d/lcg-nodes-status.conf* (could be */etc/httpd/conf.d/ssl.conf* if it weren't taken). Content of this file:

```
Listen 0.0.0.0:8282
## SSL Virtual Host Context for lcg-nodes-status.cern.ch
## Prepared for Guillermo Diez on 2004-03-18
## Changed for Laurence Field
## Added SSLCertificatePath to accept certificates from non-CERN CA
## users, e.g. Di and Louis. Maria Dimou 2005-02-16

<VirtualHost _default_:8282>
    DocumentRoot "/afs/cern.ch/project/gd/www/gis/lcg-nodes-status"
    ServerName lcg-nodes-status.cern.ch
    ServerAdmin laurence.field@cern.ch
    ErrorLog "/var/log/httpd/8282_error_log"
    TransferLog /var/log/httpd/8282_access_log

    SetEnvIf User-Agent ".*MSIE.*" nokeepalive ssl-unclean-shutdown downgrade-1.0 force-response-1.0
    ScriptAlias /cgi-bin/ "/afs/cern.ch/project/gd/www/gis/lcg-nodes-status/cgi-bin/"

    SSLEngine on
    SSLCertificatePath /etc/grid-security/certificates
    SSLCertificateFile /etc/grid-security/lcg-nodes-status-cert.pem
    SSLCertificateKeyFile /etc/grid-security/lcg-nodes-status-key.pem
    SSLCertificateFile /etc/grid-security/certificates/fa3af1d7.0
<Directory /afs/cern.ch/project/gd/www/gis/lcg-nodes-status/cgi-bin>
    # Allow to run cgis here
    Options +ExecCGI
    SSLOptions +OptRenegotiate +StdEnvVars
    SSLVerifyClient require
    SSLVerifyDepth 5
    SSLOptions +FakeBasicAuth
    SSLRequireSSL
    AuthName "LCG Nodes Status"
    AuthType Basic
    AuthUserFile /afs/cern.ch/project/gd/www/gis/lcg-nodes-status/crt/httpd.passwd
    require valid-user
</Directory>
</VirtualHost>
```

-- Main.dimou - 07 Dec 2006

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This topic: LCG > LcgNodesStatus

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