

# Appendix E – configuration example for Apache Proxy

```
<VirtualHost *:443>

    ServerName spark.gateway.com
    DocumentRoot C:/Apache24/htdocs/reverseproxy
    RequestHeader unset Accept-Encoding
    Header Set MC0E-Gateway "spark.gateway.v1"

    Header set Content-Security-Policy-Report-Only "default-src https://spark.gateway.com; \
        script-src https: 'unsafe-inline'; \
        style-src https: 'unsafe-inline'; \
        img-src data: https://spark.gateway.com; \
        connect-src wss: https://spark.gateway.com; \
        report-uri https://myserver.com/csp-report-master/report.php;"

    CustomLog "c:/apache24/logs/spark_access.log" common
    ErrorLog "c:/apache24/logs/spark_error.log"

    SSLEngine on
    SSLProxyEngine On
    SSLProtocol ALL -SSLv2 -SSLv3
    SSLHonorCipherOrder On
    SSLCipherSuite
ECDH+AESGCM:DH+AESGCM:ECDH+AES256:DH+AES256:ECDH+AES128:DH+AES:ECDH+3DES:DH+3DES:
RSA+AESGCM:RSA+AES:RSA+3DES:!aNULL:!MD5:!DSS

    SSLCACertificateFile "c:/sslcerts/startcom.crt"
    SSLCertificateFile "c:/sslcerts/spark.gateway.com.crt"
    SSLCertificateKeyFile "c:/sslcerts/private.key"

    ProxyRequests Off
    ProxyPreserveHost Off
    ProxyHTMLEnable On
    ProxyHTMLExtended On
    ProxyHTMLCharsetOut UTF-8
```

```
SetOutputFilter INFLATE;proxy-html;DEFLATE
```

```
# For SparkView WebSocket
```

```
ProxyPass "/LIST" "wss://internal.spark.gateway/LIST"
```

```
ProxyPass "/RDP" "wss://internal.spark.gateway/RDP"
```

```
ProxyPass "/GATEWAY" "wss://internal.spark.gateway/GATEWAY"
```

```
ProxyPass "/CONF" "wss://internal.spark.gateway/CONF"
```

```
ProxyPass "/LOGIN" "wss://internal.spark.gateway/LOGIN"
```

```
ProxyPassReverse "/LIST" "wss://internal.spark.gateway/LIST"
```

```
ProxyPassReverse "/RDP" "wss://internal.spark.gateway/RDP"
```

```
ProxyPassReverse "/GATEWAY" "wss://internal.spark.gateway/GATEWAY"
```

```
ProxyPassReverse "/CONF" "wss://internal.spark.gateway/CONF"
```

```
ProxyPassReverse "/LOGIN" "wss://internal.spark.gateway/LOGIN"
```

```
ProxyPass / https://internal.spark.gateway/
```

```
ProxyPass / wss://internal.spark.gateway/
```

```
ProxyPassReverse / https://internal.spark.gateway/
```

```
ProxyPassReverse / wss://internal.spark.gateway/
```

```
</VirtualHost>
```

**Must work with mod\_proxy and mod\_proxy\_wstunnel.**

Revision #1

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