

# Appendix E – configuration example for Apache Proxy

```
<VirtualHost *:443>
```

```
ServerName spark.gateway.com
```

```
DocumentRoot C:/Apache24/htdocs/reverseproxy
```

```
RequestHeader unset Accept-Encoding
```

```
Header Set MCOE-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

Created 6 April 2022 07:36:54 by Julian

Updated 14 March 2023 14:07:55 by Julian