

Running Nuclos behind a reverse proxy

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🔧 Running Nuclos behind a reverse proxy

Run Nuclos behind an Apache reverse proxy – AJP connector and vhost configuration for rich and web client.

HOW-TO

ADMINISTRATOR

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APPLIES TO NUCLOS 4.2026.X

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Tomcat can run behind an **Apache reverse proxy** – e.g. when Nuclos should be served over HTTPS but port 443 is already taken.

Configure Tomcat

The **AJP connector** must be enabled. Since Nuclos 4.8.0 this is done directly in the installer (step „Server configuration“) – no manual Tomcat change needed.



AJP

The **AJP protocol** is mandatory, otherwise the access path to the Nuclos instance is not mapped correctly.

Apache for the rich client (Java Web Start)

Create a vhost and adjust the domain:

Fehler beim Rendern des Makros 'code': Ungültiger Wert für den Parameter 'com.atlassian.confluence.ext.code.render.InvalidValueException'

```
<VirtualHost *:80>
ServerName nuclet.nuclos.de
ServerAlias nuclet.nuclos.de
Redirect 301 / https://nuclet.nuclos.de/
</VirtualHost>

<VirtualHost *:443>
ServerName nuclet.nuclos.de
ServerAlias nuclet.nuclos.de
ProxyRequests Off
SSLEngine on
SSLCertificateKeyFile /etc/apache2/ssl/nuclet.nuclos.de/nuclet.nuclos.de.key
SSLCertificateFile /etc/apache2/ssl/nuclet.nuclos.de/nuclet.nuclos.de.crt
SSLCertificateChainFile /etc/apache2/ssl/nuclet.nuclos.de/Intermediate_CA_Bundle.crt
ErrorDocument 503 "/var/www/maintance.html"
<Proxy *>
    Order deny,allow
    Allow from all
</Proxy>
ProxyPass / ajp://localhost:8009/
ProxyPassReverse / ajp://localhost:8009/
<Location />
    Order allow,deny
    Allow from all
</Location>
</VirtualHost>
```

Enable the module and restart Apache:

```
a2enmod proxy_ajp
service apache2 restart
```

Apache for the web client

Fehler beim Rendern des Makros 'code': Ungültiger Wert für den Parameter 'com.atlassian.confluence.ext.code.render.InvalidValueException'

```
<VirtualHost *:80>
    ServerName www.example.org
    ServerAlias www.example.org
    Redirect 301 / https://www.example.org
</VirtualHost>

<VirtualHost *:443>
    ServerName www.example.org
    ServerAlias www.example.org
    ProxyRequests Off
    SSLEngine on
    SSLCertificateKeyFile /etc/ssl/private/ssl-cert-snakeoil.key
    SSLCertificateFile /etc/ssl/certs/ssl-cert-snakeoil.pem
    ErrorDocument 503 "/var/www/maintenance.html"

    <Proxy *>
        Order deny,allow
        Allow from all
    </Proxy>
    ProxyPass /nuclos-istanzname ajp://localhost:8010/nuclos-istanzname
    ProxyPassReverse /nuclos-istanzname ajp://localhost:8010/nuclos-istanzname
    ProxyPass / ajp://localhost:8010/webclient/
    ProxyPassReverse / ajp://localhost:8010/webclient/
    <Location />
        Order allow,deny
        Allow from all
    </Location>
</VirtualHost>
```

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Access.

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⚙ SSL encryption

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