

# OCSP and CRL behavior in Browser Agents

## Information:

Environment
<ul style="list-style-type: none"><li>• Online Certificate Status Protocol (OCSP) - RFC 2560</li><li>• Certificate Revocation List (CRL) - RFC 3280</li><li>• Internet Explorer browser</li><li>• Firefox browser</li><li>• Chrome browser</li></ul>

Solution
<p><b>Internet Explorer</b></p> <p>Internet Explorer versions 7 and later on Windows Vista and later Windows versions supports OCSP checking.</p> <p>For details about OCSP and CRL, go to <a href="https://blogs.msdn.microsoft.com/ieinternals/2011/04/07/understanding-certificate-revocation-checks/">https://blogs.msdn.microsoft.com/ieinternals/2011/04/07/understanding-certificate-revocation-checks/</a>.</p>
<p><b>Firefox</b></p> <p>Firefox supports OCSP. It is enabled by default.</p> <p>To review the setting:</p> <ol style="list-style-type: none"><li>1. In a Firefox browser window, open a new tab, type <b>about:config</b> in the address bar, and press Enter.</li><li>2. Search for <b>Security.OCSP</b>.</li></ol> <p>The default value for <b>Security.OCSP.enabled</b> is <b>1</b> = enabled.</p> <p>As of Firefox 28, CRL is deprecated in favor of OCSP.</p>
<p><b>Chrome</b></p> <p>In the Chrome browser, OCSP checks and CRL are disabled by default. Chrome uses its own update mechanism for certificate checks.</p>