

IIS 8 Troubleshooting Features for CF/Railo Admins

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These are resources that expand on the topics discussed in the above presentation at cf.Objective() 2013.

New IIS 8 features of interest

- <http://www.iis.net/learn/get-started/whats-new-in-iis-8> (portal to details on all new features)
 - <http://www.iis.net/learn/get-started/whats-new-in-iis-8/iis-80-application-initialization>
 - <http://www.iis.net/learn/get-started/whats-new-in-iis-8/iis-80-dynamic-ip-address-restrictions>
 - <http://www.iis.net/learn/get-started/whats-new-in-iis-8/iis-80-cpu-throttling-sand-boxing-sites-and-applications>
 - <http://www.iis.net/learn/get-started/whats-new-in-iis-8/iis-80-server-name-indication-sni-ssl-scalability>
 - <http://www.iis.net/learn/get-started/whats-new-in-iis-8/iis-80-centralized-ssl-certificate-support-ssl-scalability-and-manageability>
 - <http://www.iis.net/learn/get-started/whats-new-in-iis-8/iis-80-ftp-logon-attempt-restrictions>
 - <http://www.iis.net/learn/get-started/whats-new-in-iis-8/iis-80-multicore-scaling-on-numa-hardware>
- <http://spiffy.sg/general/why-i-love-windows-server-2012-part-1-iis-8-0/>
- <http://weblogs.asp.net/owscott/archive/2012/03/01/what-s-new-in-iis-8.aspx>
- <http://blogs.iis.net/wonyoo/archive/2012/03/01/iis-8-0-platform-features-for-web-hosters-and-service-providers.aspx>
- <http://technet.microsoft.com/en-us/library/hh831818.aspx>
- <http://blogs.msdn.com/b/vijaysk/archive/2012/10/11/iis-8-what-s-new-website-settings.aspx>

- <http://rick.barberfamilyonline.com/cpu-throttling-in-iis-8/>
- <http://blogs.iis.net/shauneagan/archive/2012/03/15/cpu-throttling-iis-7-vs-iis-8.aspx>

- <http://bradkingsley.com/installing-windows-2012-server-core-plus-iis8/>

- <http://blogs.msdn.com/b/omnia/archive/2012/11/11/server-name-indication-sni.aspx>
- <http://blogs.msdn.com/b/omnia/archive/2012/11/11/how-to-use-sni.aspx>

- <http://blogs.iis.net/rickbarber/archive/2012/10/20/iis-8-ftp.aspx>

New Windows 2012/8 Features of possible interest

- <http://www.microsoft.com/en-us/server-cloud/windows-server/> (portal to more)
- <http://technet.microsoft.com/en-US/windowsserver/hh534429.aspx>
- <http://technet.microsoft.com/library/hh831769.aspx>

- <http://www.infoworld.com/d/microsoft-windows/7-ways-windows-server-2012-pays-itself-205092>
- <http://www.mspbusinessmanagement.com/blog/windows-server-2012-%E2%80%93-new-features-msps-should-know-about>
- <http://www.trainsignal.com/blog/windows-8-features-for-administrators>
- <http://www.trainsignal.com/blog/videos/windows-server-2012-new-features> (video)

On effectively using Windows 2012/8 Metro interface

- <http://www.hanselman.com/blog/Windows8ProductivityWhoMovedMyCheeseOhThereItIs.aspx>
- <http://www.techrepublic.com/blog/networking/how-to-perform-four-common-tasks-in-windows-server-2012/5906>

IIS 7 resources

General

- <http://www.iis.net/learn/web-hosting>
- <http://technet.microsoft.com/en-us/library/dd939979%28v=ws.10%29.aspx>
- <http://technet.microsoft.com/en-us/magazine/2008.09.iis.aspx>
- <http://msdn.microsoft.com/en-us/magazine/cc163453.aspx>
- <http://www.iis.net/learn/get-started/whats-new-in-iis-7>

IIS Manager UI

- <http://www.iis.net/learn/get-started/getting-started-with-iis/getting-started-with-the-iis-manager-in-iis-7-and-iis-8>

Worker process monitor

- <http://technet.microsoft.com/en-us/library/cc732518%28v=ws.10%29.aspx>

Custom error handling

- <http://www.iis.net/learn/troubleshoot/diagnosing-http-errors/how-to-use-http-detailed-errors-in-iis>
- <http://weblogs.asp.net/owscott/archive/2010/07/29/troubleshoot-asp-net-errors-remotely-while-appearing-local.aspx>
- <http://blogs.iis.net/ksingla/archive/2008/02/18/what-to-expect-from-iis7-custom-error-module.aspx>
- <http://blog.webactivedirectory.com/2011/10/28/custom-http-error-handling-in-iis-7/>

Failed Request Tracing

- <http://www.iis.net/learn/troubleshoot/using-failed-request-tracing/troubleshooting-failed-requests-using-tracing-in-iis>
- <http://www.iis.net/learn/troubleshoot/using-failed-request-tracing/troubleshoot-with-failed-request-tracing>
- <http://www.iis.net/learn/extensions/url-rewrite-module/using-failed-request-tracing-to-trace-rewrite-rules>
- <http://blogs.msdn.com/b/tess/archive/2008/08/19/troubleshooting-a-performance-issue-with-failed-request-tracing-and-appcmd-in-iis7.aspx>
- <http://blogs.iis.net/rickbarber/archive/2012/08/14/enabling-failed-request-tracing.aspx>
- <http://mvollo.com/trace-iis-70-errors-like-a-pro-with-failed-request-tracing/>
- <http://www.iis.net/learn/troubleshoot/diagnosing-http-errors/troubleshooting-unexpected-issues>
- <http://blogs.msdn.com/b/tess/archive/2008/08/19/troubleshooting-a-performance-issue-with-failed-request-tracing-and-appcmd-in-iis7.aspx>

Application Initialization/Warm-up (in IIS 7.5)

- <http://www.iis.net/downloads/microsoft/application-initialization>
- <http://blogs.iis.net/wadeh/archive/2012/04/16/re-introducing-application-initialization.aspx>
- <http://blogs.iis.net/wadeh/archive/2012/05/01/application-initialization-part-2.aspx>

Dynamic IP restrictions (in IIS 7.0)

- <http://www.iis.net/downloads/microsoft/dynamic-ip-restrictions>
- <http://www.iis.net/learn/manage/configuring-security/using-dynamic-ip-restrictions>
- <http://blogs.iis.net/wadeh/archive/2012/08/01/dynamic-ip-restriction-proxy-mode.aspx>

Request Filtering (in IIS 7.0/7.5)

- <http://www.iis.net/learn/manage/configuring-security/use-request-filtering>
- <http://www.iis.net/learn/manage/configuring-security/configure-request-filtering-in-iis>
- <http://www.iis.net/learn/manage/configuring-security/using-enhanced-request-filtering-features-in-iis>
- <http://www.iis.net/downloads/microsoft/administration-pack> (Request Filtering UI)

AppCmd tool

- <http://www.iis.net/learn/manage/provisioning-and-managing-iis/appcmdexe>
- <http://mvolo.com/most-important-appcmd-commands/>
- <http://mvolo.com/most-important-appcmd-commands-backing-up-and-restoring-iis7-configuration/>
- <http://mvolo.com/creating-iis7-sites-applications-and-virtual-directories/>
- <http://mvolo.com/fastest-way-to-create-iis7-websites-applications-and-application-pools/>
- <http://mvolo.com/finding-your-way-around-iis-7-configuration-sections-with-appcmd/>
- <http://mvolo.com/do-complex-iis-management-tasks-easily-with-appcmd-command-piping/>
- <http://mvolo.com/caution-when-stopping-and-starting-an-iis-application-pool-with-appcmd/>
- <http://blogs.msdn.com/b/vijaysk/archive/2009/02/16/iis-7-tip-1-finding-all-the-web-configs.aspx>

App Pool Identity changes

- <http://www.iis.net/learn/manage/configuring-security/application-pool-identities>

Configuration history tracking

- <http://www.iis.net/learn/manage/managing-your-configuration-settings/using-configuration-history-with-iis-7-and-iis-8>
- <http://technet.microsoft.com/en-us/library/dd638620%28WS.10%29.aspx>

URLScan

- <http://www.iis.net/downloads/microsoft/urlscan>

SEO toolkit

- <http://www.iis.net/downloads/microsoft/search-engine-optimization-toolkit>
- <http://weblogs.asp.net/scottgu/archive/2009/12/15/search-engine-optimization-seo-toolkit.aspx>
- <http://weblogs.asp.net/scottgu/archive/2010/04/20/tip-trick-fix-common-seo-problems-using-the-url-rewrite-extension.aspx>
- <http://weblogs.asp.net/scottgu/archive/2009/06/03/iis-search-engine-optimization-toolkit.aspx>

URL Rewrite

- <http://www.iis.net/downloads/microsoft/url-rewrite>
- <http://www.iis.net/learn/extensions/url-rewrite-module>
- <http://blogs.iis.net/mailant/archive/2010/03/23/your-free-in-bound-out-bound-url-management-platform-with-url-rewrite-2-0.aspx>

ARR

- <http://www.iis.net/downloads/microsoft/application-request-routing>
- <http://www.iis.net/learn/extensions/installing-application-request-routing-%28arr%29/install-application-request-routing>
- <http://blogs.iis.net/mailant/archive/2009/11/09/download-a-powerful-load-balancer-and-caching-solution-free-on-windows-server-2008-or-later-with-the-application-request-routing-arr-2-0.aspx>
- <http://blogs.iis.net/mailant/archive/2009/10/22/how-you-can-use-iis7-as-web-front-to-java-app-servers-in-a-3-tier-architecture.aspx>

Web farm Framework

- <http://www.iis.net/downloads/microsoft/web-farm-framework>

General IIS resources

- community newsletter: <http://www.iisnewsletter.com/>
- blogs: <http://blogs.iis.net/>