

# DMZ Gateway® Configuration Settings

## THE INFORMATION IN THIS ARTICLE APPLIES TO:

- DMZ Gateway®, v3.0 and later

## DISCUSSION

The following properties can be edited in the DMZ Gateway configuration file (**<InstallDir>\conf\DMZGatewayServerService.conf**) to fine tune your DMZ Gateway deployment for specific situations.

**Please refer to the links in the table and the config file itself for examples of using these properties.** The config file has a number of these configurations in place already, so the best advice is to find the existing properties in the conf file and copy that format. For example:

In the section labeled # Additional Java parameters, add the flood protection property at the bottom of the section, with the next index number.

# Additional Java parameters. Add parameters as needed starting from 1.

# By default, use the server Virtual Machine.

wrapper.java.additional.1=-server

wrapper.java.additional.2=-DDMZSharedConfigurationDirectory=%DMZ\_SHARED\_CONFIG\_DIRECTORY%

wrapper.java.additional.2.stripquotes=TRUE

wrapper.java.additional.3=-Djava.ext.dirs=bin/jre1.8.0\_45/lib/ext

wrapper.java.additional.4=-Dfile.encoding=UTF-8

wrapper.java.additional.5=-DDMZBufferPoolBufferSize=262144

wrapper.java.additional.6=-DEnableConnFloodProtection=False

Property	Units	Valid Range	Default	Dynamic	Version Added	Description
<a href="#">DDMZBufferPoolBufferSize</a>		1 - 2,147,483,647	65535	F	3.0.0	The default/initial

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						size for the internal buffers used for communications. Typically this should be set to 1 less than the send buffer size to avoid the delayed TCP Ack performance problems when sending data to a Window server.
DDMZSharedConfigurationDirectory			<Current working directory>	F	3.0.0	Specifies the location of the main configuration data for the DMZ Gateway. Set to empty string or not defined to use working directory.
DDMZDispatcherThreadPulSize	1 - 2,147,483,647		10	F	3.0.0	The number of worker threads to use during nio event

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						dispatching.
DDMZRecvBufferSize	int	1 - 2,147,483,647	65535	F	3.0.0	The desired size of the communications recv buffer. Note that this is just a hint to the operating system and does not have to be honored. Typically this should be sized the same as the internal buffer.
DMZSendBufferSize	int	1 - 2,147,483,647	65536	F	3.0.0	The desired size of the communications send buffer. Note that this is just a hint to the operating system and does not have to be honored.
DNetworkAccessPolicyExceptionLimit	int	1 - 2,147,483,647	100 per list in 3.0.0, 1000 per list in 3.1.0	F	3.0.0	The number of network access policy

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						exception masks per list.
<a href="#">DProfileLimit</a>	int	1 - 2,147,483,647	15	F	3.0.0	The internal limit on the number of Profiles that may be defined.
<a href="#">DListenBacklogQueueSize</a>	int	0 - 128	0	F	3.0.0	The listen backlog queue size for all client-side listeners. 0=use system default.
<a href="#">DEnableConnFloodProtection</a>	Boolean	true or false	TRUE	F	3.0.0	Enables or disable connection flood protection. Disabling allows larger number of connections to be accepted at the same time.
<a href="#">DDMZAllowSOCKS5ConnectionsFromKnownIP</a>	Boolean	true or false	FALSE	F	3.1.0.5	Allows DMZ to

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accept  
SOCKS5  
Connections  
from  
systems that  
don't have  
currently  
connected  
EFT/Mail  
Express  
Servers.

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white 1.0pt; border-bottom: solid white 3.0pt; background: #4F81BD; padding: 0in 5.4pt  
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GlobalSCAPE Knowledge Base

<https://kb.globalscape.com/Knowledgebase/11201/DMZ-Gateway®-Configuration-S...>