

# 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.   |
| DDMZDispatcherThreadPoolsSize    | 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 -<br>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 -<br>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 -<br>2,147,483,647 | 100 per list<br>in 3.0.0,<br>1000 per list<br>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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.telerik-reTable-2 { border-collapse: collapse; border: solid 0px; font-family: Tahoma; }
.telerik-reTable-2 tr.telerik-reTableHeaderRow-2 { border-width: 1.0pt 1.0pt 3.0pt 1.0pt;
margin-top: 0in; margin-right: 0in; margin-bottom: 10.0pt; margin-left: 0in; line-height:
115%; font-size: 11.0pt; font-family: "Calibri" , "sans-serif"; width: 119.7pt; border: solid
white 1.0pt; border-bottom: solid white 3.0pt; background: #4F81BD; padding: 0in 5.4pt
0in 5.4pt; color: #FFFFFF; } .telerik-reTable-2 td.telerik-reTableHeaderFirstCol-2 {
border-width: 1.0pt 1.0pt 3.0pt 1.0pt; border: solid white 1.0pt; border-bottom: solid white
3.0pt; padding: 0in 5.4pt 0in 5.4pt; } .telerik-reTable-2 td.telerik-reTableHeaderLastCol-2 {
border-width: 1.0pt 1.0pt 3.0pt 1.0pt; border: solid white 1.0pt; border-bottom: solid white
3.0pt; padding: 0in 5.4pt 0in 5.4pt; } .telerik-reTable-2 td.telerik-reTableHeaderOddCol-2 {
border-width: 1.0pt 1.0pt 3.0pt 1.0pt; border: solid white 1.0pt; border-bottom: solid white
3.0pt; padding: 0in 5.4pt 0in 5.4pt; } .telerik-reTable-2 td.telerik-reTableHeaderEvenCol-2
{ border-width: 1.0pt 1.0pt 3.0pt 1.0pt; border: solid white 1.0pt; border-bottom: solid
white 3.0pt; padding: 0in 5.4pt 0in 5.4pt; } .telerik-reTable-2 tr.telerik-reTableOddRow-2 {
color: #666666; background-color: #F2F3F4; vertical-align: top; } .telerik-reTable-2
tr.telerik-reTableEvenRow-2 { color: #666666; background-color: #E7EBF7; vertical-align:
top; } .telerik-reTable-2 td.telerik-reTableFirstCol-2 { margin-top: 0in; margin-right: 0in;
margin-bottom: 10.0pt; margin-left: 0in; line-height: 115%; font-size: 11.0pt; font-family:
"Calibri" , "sans-serif"; width: 119.7pt; border-top: none; border-left: solid white 1.0pt;
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5.4pt; } .telerik-reTable-2 td.telerik-reTableEvenCol-2 { padding: 0in 5.4pt 0in 5.4pt; }
.telerik-reTable-2 tr.telerik-reTableFooterRow-2 { color: #666666; background-color:
#FFFFFF; vertical-align: top; padding: 0in 5.4pt 0in 5.4pt; } .telerik-reTable-2
td.telerik-reTableFooterFirstCol-2 { margin-top: 0in; margin-right: 0in; margin-bottom:
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10.0pt; margin-left: 0in; line-height: 115%; font-size: 11.0pt; font-family: "Calibri" ,  
"sans-serif"; width: 119.7pt; border-top: none; border-left: solid white 1.0pt;  
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5.4pt 0in 5.4pt; color: #FFFFFF; } .telerik-reTable-2 td.telerik-reTableFooterLastCol-2 {  
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GlobalSCAPE Knowledge Base

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