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
DDMZBufferPoolBufferSize	Siz	1 - 2,147,483,647	65535	F	3.0.0	The default/initial

						size for the internal buffers used for communications. Typically this should be set to 1 less that the send buffer size to avoid the delayed TCP Ack performance problems when sending data to a Window server.
DDMZSharedConfiguration	String	Directory	<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.
DDMZDispatcherThreadPoolSize	1 - 2,147,483,647		10	F	3.0.0	The number of worker threads to use during nio event

						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

						exception masks per list.
DProfileLimit	int	1 - 2,147,483,647	15	F	3.0.0	The internal limit on the number of Profiles that may be defined.
DListenBacklogQueueSize	int	0 - 128	0	F	3.0.0	The listen backlog queue size for all client-side listeners. 0=use system default.
DEnableConnFloodProtection	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.
DDMZAllowSOCKS5ConnectionsFromUnknownIP	Boolean	true or false	FALSE	F	3.1.0.5	Allows DMZ to

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

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