

Recommendations for regarding IBM MQ in Windows and anti-virus scans

<https://www.ibm.com/support/pages/node/7030099>

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Angel Rivera
IBM MQ Support

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+++ Question +++

Are there recommendations for excluding IBM MQ in Windows from anti-virus scans?

+++ Answer +++

a) Regarding Anti-virus or Virus-checker and IBM MQ, the main guidance is based on the many tickets that we have seen when such software applications take "exclusive Locks" on the runtime files used by MQ (MQ_DATA_PATH and MQ_INSTALLATION_PATH)

There are many possible FDCs or error messages that the MQ queue manager or the MQ client generates when such software does this locking and prevents MQ from working properly.

If necessary, we recommend to configure the Antivirus to exclude the following directories (showing the default locations):

Windows:

MQ_DATA_PATH=C:\ProgramData\IBM\MQ
MQ_INSTALLATION_PATH=C:\Program Files\IBM\MQ

Linux:

MQ_DATA_PATH=/var/mqm
MQ_INSTALLATION_PATH=/opt/mqm

AIX:

MQ_DATA_PATH=/var/mqm
MQ_INSTALLATION_PATH=/usr/mqm

b) Some Port Scanners are used by customers who cause FDCs from the MQ queue manager.

For more details please see:

<https://www.ibm.com/support/pages/node/6430289>

Is there a way to avoid an FDC being generated when a port scanner contacts the port of the MQ queue manager?

The FDC has Probe Id CO618000, Component ccilInvalidDataReceived, rrcE_BAD_DATA_RECEIVED

c) Some customers want to know all the file extensions used by MQ in Windows.

Here is the list:

From the directory:

MQ_INSTALLATION_PATH

Here are the file types:

.access
.alt
.bas
.bat
.c
.cdp
.cfg
.class
.cmd
.config
.cpy
.cs
.csproj
.css
.ctl
.dat
.dat
.def
.default
.diz
.dll
.ear
.env
.exe
.frm
.frx
.gif
.glyph

.h
.htm
.html
.ico
.ini
.jar
.java
.libraries
.md5
.pdb
.pf
.png
.policy
.pre71
.properties
.ps1
.rar
.rtf
.sample
.security
.sha1
.sql
.src
.syn
.tbl
.template
.tsk
.ttf
.txt
.u02
.u03
.vbp
.xml
.xsd
.xsl
.zip

+ From the directory:

MQ_DATA_PATH

Here are the file types:

.bindings

.config

.DAT

.DAT

.dll

.FDC

.fil

.ini

.jar

.lfh

.LOG

.mqsc

.pdb

.properties

.TAB

.tbl

.TRC

.txt

.xml

+++ end +++