

## Autoform DM - Virus Checker Exceptions

Sam Menown - 2023-05-15 - Comments (0) - Autoform DM General Information

# Autoform DM

This page lists the exceptions configuration which must be applied to any installed virus checker to limit interference with the Autoform DM process.

### Folders

Purpose	Location	Example
Installation folder	As installed	C:\Program Files\Formpipe Software\AUTOFORM DM\Server_10.x.x\
Archive folder	Configured in Server Settings	C:\ARCHIVE
Chunks folder	Usually within Archive folder	C:\ARCHIVE\chunks
Temp folder	Default windows directory	C:\Windows\Temp

Autoform DM related temp files are prefixed with *PDM\_*

### Ports (standalone)

These ports listed below apply to services in which DM connects to:

Purpose	Location	Example
HTTPS	Incoming	443

HTTP Management	Incoming	9990
Database connection	Outgoing	1433
SMTP (if emailing is configured)	Outgoing	25
Secure SMTP (if emailing is configured)	Outgoing	465, 587
LDAP server	Outgoing	389
LDAPS server	Outgoing	636

The following lists the default port bindings for each type of node in a cluster and what interfaces they use.

For example, for DM the \*HTTP\* port will be affected by the *port offset*, and will use the *wildcard* interface, which by default is the IPv4 wildcard '0.0.0.0'.

Refer to the server logs to see what ports and bindings have been used – messages at server startup along the lines of the following will be present:

```
HTTP listener default listening on 0.0.0.0:8180
```

## Ports (cluster)

### Database Server

The database port should be open for the inbound connections. Default port lists:

Server Type	Default Port
MS SQL Server	1433
Oracle	1521

## PDC / SDC

### Interfaces / Interface selection

- **management**
  - default interface: 0.0.0.0 (IPv4 wildcard).
  - overridden by: jboss.bind.address.management.

## Ports

Purpose	Wildfly Interface	Default Port	Protocol	Overridden by	Obeys port offset?
HTTP Management	management	9990	TCP	jboss.management.http.port	<b>x</b>

## LB

### Interfaces / Interface selection

- **management**
  - default interface: 127.0.0.1 (IPv4 loopback).
  - controlled by: jboss.bind.address.management.
- **public**
  - default interface: *Any network interface that:*
    - *supports multicast.*
    - *and is up and configured.*
    - *and is NOT the loopback interface.*
- **wildcard**
  - default interface: 0.0.0.0 (IPv4 wildcard).
- **multicast**
  - the multicast address chosen during installation.

## Ports

Purpose	Wildfly Interface	Default Port	Protocol	Overridden by	Obeys port offset?
HTTP Management	management	19990	TCP	jboss.management.http.port	<b>x</b>
Native Management	management	19999	TCP	jboss.management.native.port	<b>x</b>
HTTP	wildcard	8080	TCP	jboss.http.port	✓
HTTPS	wildcard	8443	TCP	jboss.https.port	✓
mcmp-management	public	8090	TCP	jboss.mcmp.port	✓
modcluster	multicast	23364	<b>UDP</b>	–	<b>x</b>

## DM

### Interfaces / Interface selection

- **management**

- default interface: 127.0.0.1 (IPv4 loopback).
- overridden by: `jboss.bind.address.management`.

- **public**

- default interface: *Any network interface that:*
  - *supports multicast.*
  - *and is up and configured.*
  - *and is NOT the loopback interface.*

- **wildcard**

- default interface: 0.0.0.0 (IPv4 wildcard).

- **private**

- default interface: 127.0.0.1 (IPv4 loopback).
- overridden by: `jboss.bind.address.private`.

- **unsecure**

- default interface: 127.0.0.1 (IPv4 loopback).
- overridden by: `jboss.bind.address.unsecure`.

- **multicast**

- the multicast address chosen during installation.

### Ports:

Purpose	Wildfly Interface	Default Port	Protocol	Overridden by	Obeys port offset?
HTTP Management	management	19990	TCP	<code>jboss.management.http.port</code>	✗
Native Management	management	19999	TCP	<code>jboss.management.native.port</code>	✗
HTTP	wildcard	8080	TCP	<code>jboss.http.port</code>	✓
HTTPS	wildcard	8443	TCP	<code>jboss.https.port</code>	✓
ajp	public	8009	TCP	<code>jboss.ajp.port</code>	✓

jgroups-udp	public	55200	<b>UDP</b>	-	✓
	multicast	45688	<b>UDP</b>	-	✗
modcluster	multicast	23364	<b>UDP</b>	-	✗
jgroups-udp failure-detection	private	54200	<b>UDP</b>	-	✓
iiop	unsecure	3528	TCP	-	✓
iiop-ssl	unsecure	3529	TCP	-	✓

#### Related Content

- [Clustering FAQ](#)