

---

# Chapter 1. Configuring RMI for use through a Firewall

By default, the RMI protocol in JOnAS uses a random port at each startup, which implies that there is no way to configure a firewall as the port number changes each time the system restarts.

However you can easily configure the RMI port number by setting only one property per protocol in the `$JONAS_BASE/conf/carol.properties` file.

To configure the RMI exported-port number, edit the `$JONAS_BASE/conf/carol.properties` file to change the following protocols from 0 (choose a random port number) to the port number you want:

- For the RMI/JRMP protocol, change:

```
carol.jrmp.server.port=0
```

- For the RMI/IRMI protocol, change:

```
carol.irmi.server.port=0
```

- For the RMI/IIOP protocol, change:

```
carol.iiop.server.port=0
```