Jobs will not start in subsystem ZENDPHP74 at start up, but can be started individually from the menu

Issue

After a new installation, when Zend Server is started, no jobs start in subsystem ZENDPHP74 (or ZENDPHP7 for versions 9.1.x, 2018.x and 2019.x or ZENDSVR6 for earlier versions), even though there are several jobs configured to autostart. However, it is possible to start the jobs individually from the management menu. Affected jobs include ZSDAEMON, ZSDEPLMNG, ZSJAVA_BRG, ZSJOBQMNG, ZSMONMNG, ZSSTMNG.

Environment

 Zend Server 6 or higher on any supported version of IBM i.

Resolution

This can happen if the user message queues are not created when the Zend Server installer creates new user profiles. It is not clear why this sometimes happens, because the message queues should be created automatically by the CRTUSRPRF command. However, it is easy to correct.

Please log into a 5250 session as QSECOFR or some *SECOFR class user. From the command line:

```
CRTMSGQ MSGQ(QUSRSYS/ZENDADMIN)

CRTMSGQ MSGQ(QUSRSYS/NOBODY)
```

If the message displays to tell you the message queue already exists for both queues, this is not your issue. If the message queues create successfully, please create this one as well:

```
CRTMSGQ MSGQ(QUSRSYS/ZS5250DEMO)
```

After successfully creating the ZENDADMIN and/or NOBODY message queue, please retry starting Zend Server to verify that the jobs now start up as expected in the ZENDPHP74 (or ZENDPHP7 for versions 9.1.x, 2018.x and 2019.x or ZENDSVR6 for earlier versions) subsystem.