How to Resolve - The SAS DIP Job Runner Services Not Running

If you find in your local SAS Services listing that the SAS DIP Job Runner service is not running and when start is attempting right away errors as
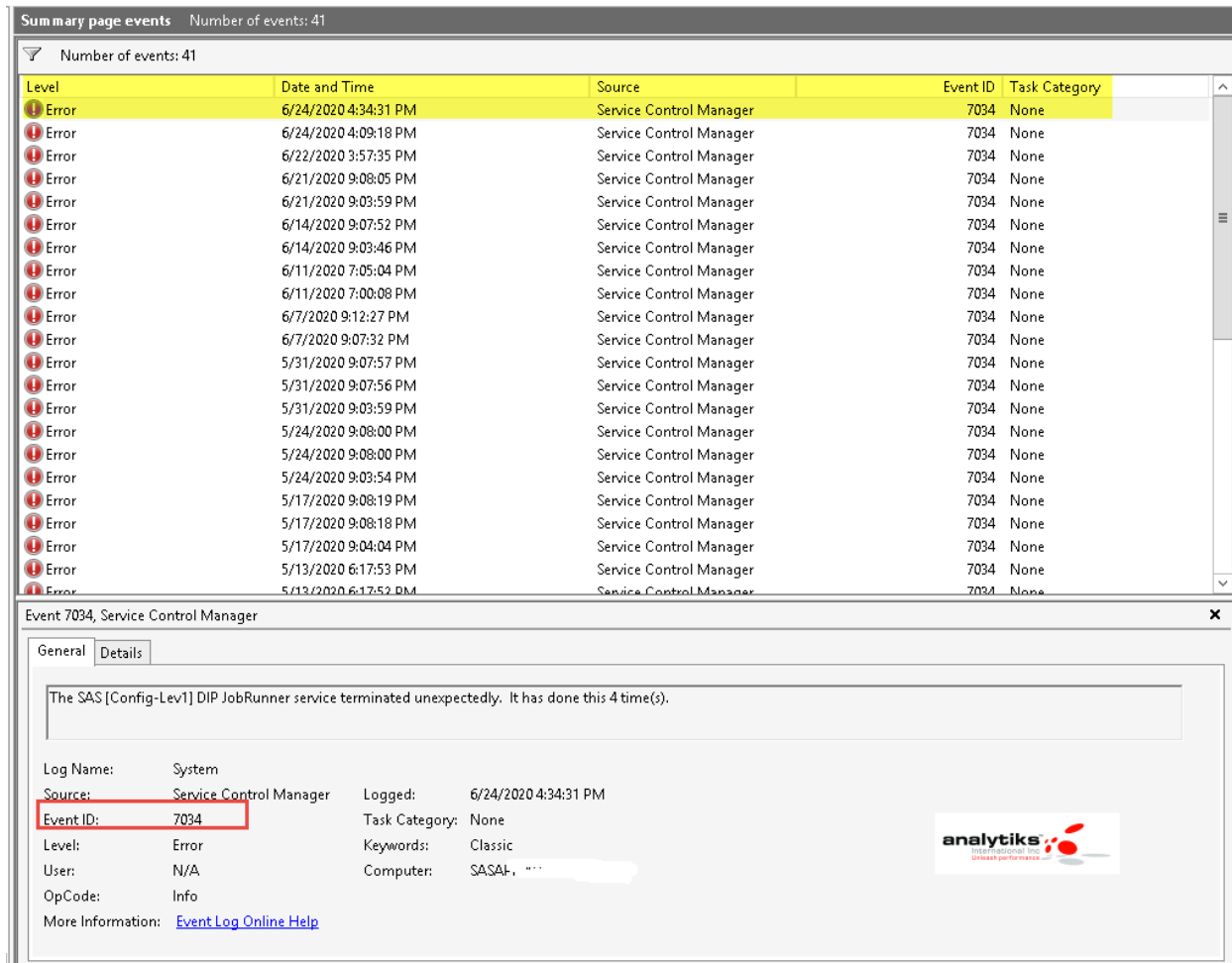

The WIN event viewer throws a 7034 error

Furthermore, details in event viewer show

v

The logs at

`<SAS CONFIG>\Config\Lev1\Web\Applications\SASWIPSchedulingServices9.4\dip\serviceLog\DIPJobRunnerService.log`

Show

```
Unable to execute Java command.  The system cannot find the file specified. (
    "\bin\java.exe" -Djava.system.class.loader=com.sas.app.AppClassLoader -
```

Or the DIPJobRunner_<hostname>.log at <SAS
CONFIG>\Config\Lev1\Web\Applications\SASWIPSchedulingServices9.4\dip show

```
FATAL  | wrapper  | 2020/06/24 16:09:18 | Unable to execute Java command.  The system cannot find the file specified. (0x2)
FATAL  | wrapper  | 2020/06/24 16:09:18 |     "\bin\java.exe" -Djava.system.class.loader=com.sas.app.AppClassLoader -Dsas.app.repository.path="d:
```

Resolution

Navigate to SASHome\wrapper.conf and check the Java Application path (shown below)

wrapper.conf - Notepad

File   Edit   Format   View   Help

```
# Java Application
wrapper.java.command=\bin\java.exe

# Java Classpath (include wrapper.jar)  Add class path elements as
# needed starting from 1
wrapper.java.classpath.1=d:\Program Files\SASHome\SASVersionedJarRepository\eclipse\plugins
\JavaServiceWrapper_3.2.3\wrapper.jar
wrapper.java.classpath.2=d:\Program Files\SASHome\SASVersionedJarRepository\eclipse\plugins
\sas.launcher.jar

# Java Additional Parameters
wrapper.java.additional.1=-Djava.system.class.loader=com.sas.app.AppClassLoader
wrapper.java.additional.2=-Dsas.app.repository.path="d:\Program Files\SASHome
\SASVersionedJarRepository\eclipse"
```

D:\Program Files
\SASHome
\wrapper.conf

analytiks
International Inc
Unleash performance

Replace the path with the SAS Private JRE path to java.exe as shown below, save the wrapper.conf and re-start the DIP Job Runner service

wrapper.conf - Notepad

File   Edit   Format   View   Help

```
# Java Application
#wrapper.java.command=\bin\java.exe
wrapper.java.command=d:\Program Files\SASHome\SASPrivateJavaRuntimeEnvironment\9.4\jre\bin\java.exe

# Java Classpath (include wrapper.jar)  Add class path elements as
# needed starting from 1
wrapper.java.classpath.1=d:\Program Files\SASHome\SASVersionedJarRepository\eclipse\plugins
\JavaServiceWrapper_3.2.3\wrapper.jar
wrapper.java.classpath.2=d:\Program Files\SASHome\SASVersionedJarRepository\eclipse\plugins\sas.launcher.jar

# Java Additional Parameters
wrapper.java.additional.1=-Djava.system.class.loader=com.sas.app.AppClassLoader
wrapper.java.additional.2=-Dsas.app.repository.path="d:\Program Files\SASHome\SASVersionedJarRepository\eclipse"
```

analytiks
International Inc
Unleash performance

Name	Description	Status	Startup Type
RPC Endpoint Mapper	Resolves RP...	Running	Automatic
SAS [Config-Lev1] Cache Locator on port 41415	Cache Loca...	Running	Automatic
SAS [Config-Lev1] Deployment Tester Server	SAS Deploy...		Manual
SAS [Config-Lev1] DIP JobRunner	SAS [Config...	Running	Automatic
SAS [Config-Lev1] httpd - WebServer	Apache/2.2....	Running	Automatic
SAS [Config-Lev1] JMS Broker on port 61616	JMS Broker ...	Running	Automatic
SAS [Config-Lev1] Object Spawner	Object Spa...	Running	analytiks
SAS [Config-Lev1] Remote Services	SAS Remote...		Manual