17. Port0, socket name unavailable, RMI/IIOP security

When our SCM staff tries to execute PSCS Trigger, he will face the below exception if the admin console, RMI/IIOP security should have the recommended settings as provided in the below solution.

Exception:

com.ibm.rmi.corba.ClientDelegate _createRequest:1773 P=103829:O=0:CT ORBRas[default]
org.omg.CORBA.TRANSIENT: java.net.ConnectException: *The socket name is not available on this system*.
(connect failed):host=10.31.39.151,*port=0* vmcid: IBM minor code: E02 completed: No for *com.ibm.rmi.IOR@48e36c99*

Solution:

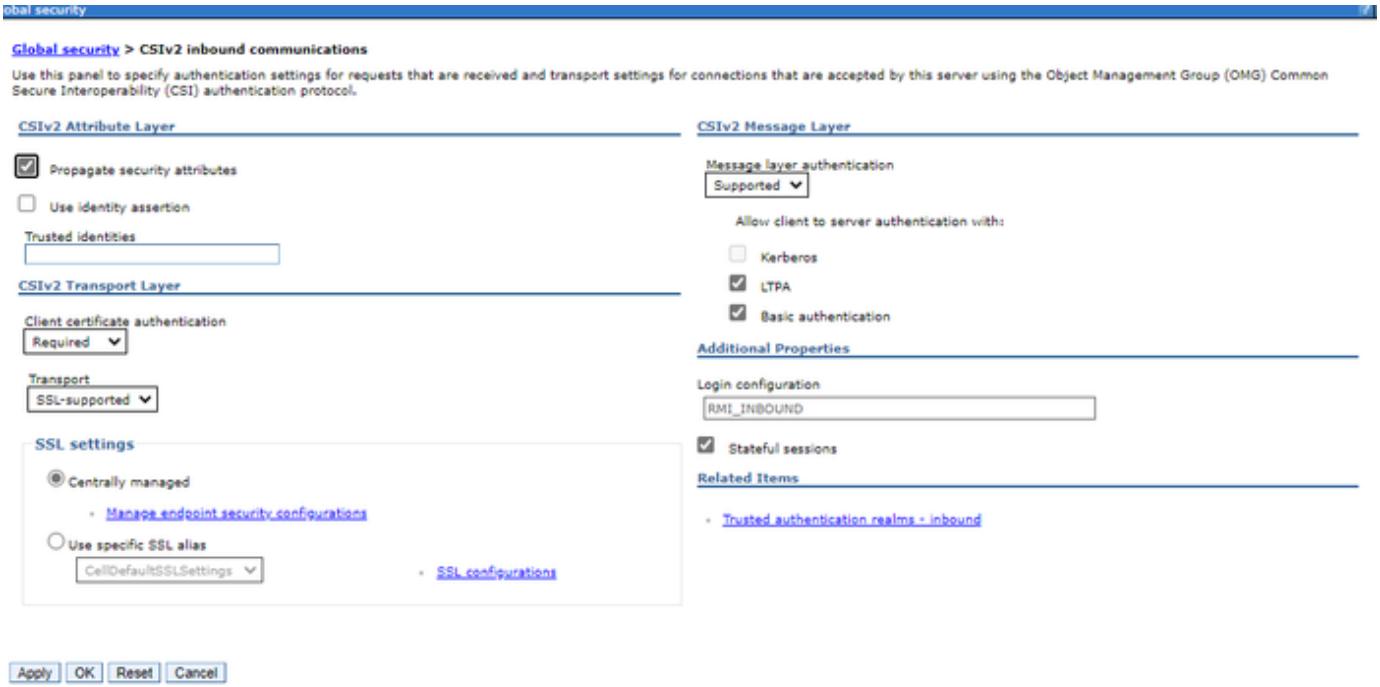
In CSIv2 inbound settings (Admin Console->Security->GlobalSecurity->RMI/IIOP security) and set as below:

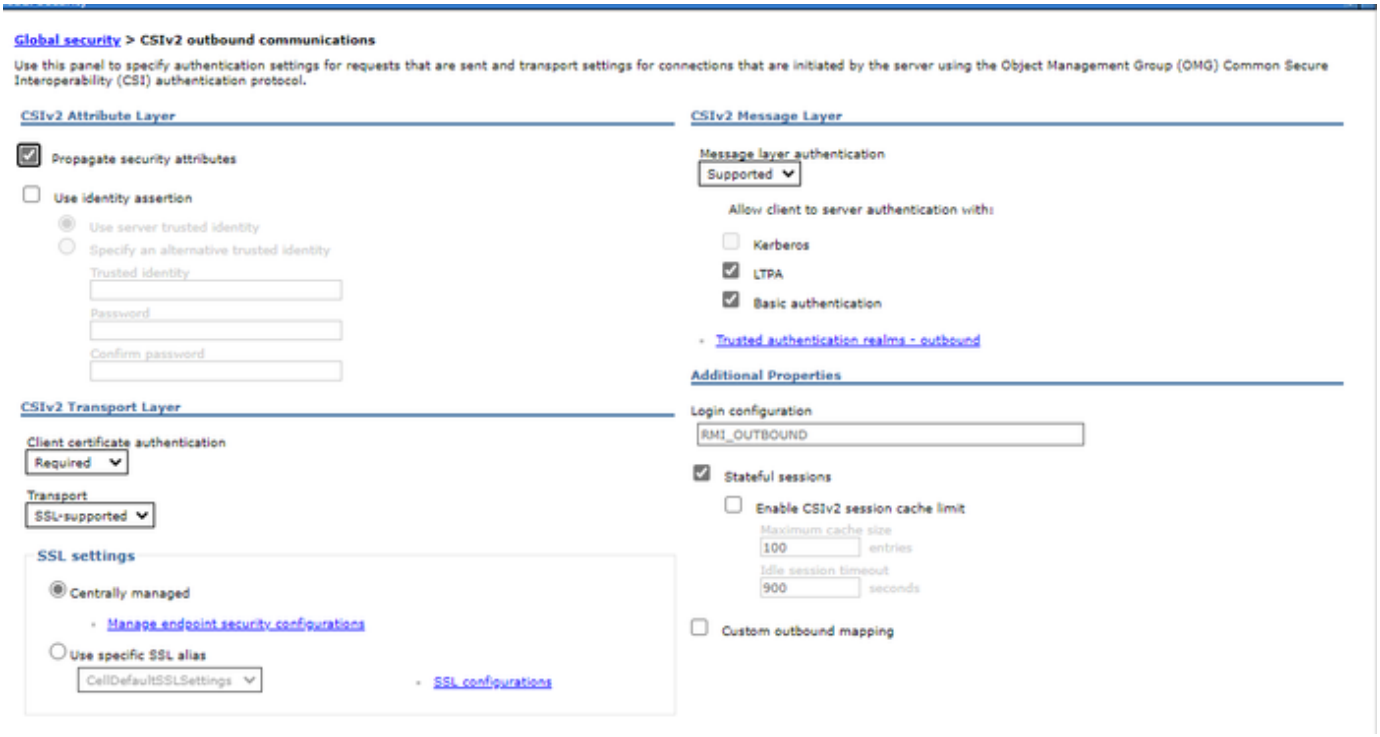
Client certificate authentication = **required**
Transport = **SSL-Supported**

In CSIv2 outbound settings (Admin Console->Security->GlobalSecurity->RMI/IIOP security) and set as below:

Client certificate authentication = **required**
Transport = **SSL-Supported**

Screenshots




Global security > CSIv2 outbound communications
Use this panel to specify authentication settings for requests that are sent and transport settings for connections that are initiated by the server using the Object Management Group (OMG) Common Secure Interoperability (CSI) authentication protocol.
CSIv2 Attribute Layer
Propagate security attributes
Use identity assertion
Use server trusted identity
Specify an alternative trusted identity
Trusted identity
Password
Confirm password
CSIv2 Transport Layer
Client certificate authentication
Required
Transport
SSL-supported
SSL settings
Centrally managed
Manage endpoint security configurations
Use specific SSL alias
CellDefaultSSLSettings
SSL configurations
CSIv2 Message Layer
Message layer authentication
Supported
Allow client to server authentication with:
Kerberos
LTPA
Basic authentication
Trusted authentication realms - outbound
Additional Properties
Login configuration
RMI_OUTBOUND
Stateful sessions
Enable CSIv2 session cache limit
Maximum cache size
100
entries
Idle session timeout
900
seconds
Custom outbound mapping