

Hi Tom, here is the Aperi weekly defects reports - I added CMVC defect number for each defect, I also updated the status for the defects based on the latest nightly build - Aperi-20061009-200025.zip

Component/Owner	Error description	Action Taken	Servility/Status
Device Server - Christoph Reichert	<p>2006.09.25 13:31:47.214-07:00 BTACS0018E A problem was encountered while getting class definition: java.lang.ClassNotFoundException: org.eclipse.aperi.tape.TapeManagerService. org.eclipse.aperi.sanmgmt.middleware.data.Service createDD</p> <p>2006.09.25 13:31:47.214-07:00 java.lang.ClassNotFoundException: org.eclipse.aperi.tape.TapeManagerService</p>	<p>during the componentization of the TapeManager the problem below came up. Because the new com.eclipse.aperi.tape plugin hides the TapeServiceManager implementation it is no longer accessible by aperi.common where the TSNMServiceManager tries to instantiate and startup the tape service.</p> <p>To workaround this I tried to use the connector plugin you checked in: In my TapeActivator I register the Tapeservice Interfaces with an instance of the TaperServiceManager and the web-service- name property, but I run into the following problems:</p> <p>1) During connector startup the http-service was not registered when the connector tries to deploy itself as a service. - I extended the serviceChanged() method to listen for httpservice registering, similar to the DeviceServerActivator and deploy the Connector.</p> <p>2) Because the Connector itself extends the RPCRouterServlet and tries to register under the /ServiceManager URI it fails to start when</p>	<p>Servility - Critical</p> <p>Comment : CMVC defect 31722</p>

	<p>the deviceserver also starts and deploys the TSNMServiceManager, they are conflicting because of the same URI</p> <ul style="list-style-type: none"><li>- To work-around I modified the Connector not to extend RPCRouterServlet instead it uses an instance of the TSNMServicemanager to register as servlet and to register the webservices. Lateron this can be removed again when all other services are defined and independent to the TSNMServiceManager.</li></ul> <p>3) The TapeManagerService does not start when the TSNMServiceManager had not startet the dependend internal services before.</p> <ul style="list-style-type: none"><li>- In my IDE the TapeManager service starts directly after the Connector, even the Connector did not deploy the TSNMServiceManager because httpservice was missing. With a manual start/stop of the Tape Plugin on the OSGi console the TapeManager comes up, so right now I look into the OSGi configuration to get this resolved using startlevels etc.</li></ul> <p>I want to check-in these changes so we can smoothly migrate the deviceservers services one by one to plugins with OSGi services</p>	
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		<p>while having a running system all the time. At last we can clean up some of the changes or find a better solution.</p>	
<p>Device Server / Fabric Agent - Marcus Siegmund / Craig Laverone</p>	<p>2006.08.18 14:19:51.266-07:00 BTAMS0505E Messaging Service could not invoke the onMessage method on service 9.43.237.27:9570:FabricManagerService. org.eclipse.aperi.sanmgmt.middleware.MessagingService.TopicHandler run() which may result Fabric Scanner code not running</p>	<p>As I have indicated in my emails I think the problem is on the Device server. The logs included in this defect show that the Fabric agent started successfully and sent and agent heartbeat to the Device server.</p> <p>2006.08.18 14:19:50.875-07:00 BTAHQ2942I Heartbeat started, method: agentHeartbeat on HostManager. org.eclipse.aperi.sanmgmt.subagent.hostquery.HostQuery run</p> <p>The Device server received the heartbeat and changed the agent to the active state:</p> <p>2006.08.18 14:19:50.860-07:00 BTAHM2528I Agent tivoli14:9570 has been marked active.</p> <p>But the Device server throws an error when trying to invoke the onMessage method on the FabricManagerService. The Device server is trying to contact the FabricManagerService which runs on the Device server and it throws this error:</p> <p>2006.08.18 14:19:51.266-07:00 BTAMS0505E Messaging Service could not invoke the onMessage method on</p>	<p>Servility - Low</p> <p>Comment : CMVC defect 30462</p> <p>At Craig's suggestion I have modified the device server's setup.properties to set 'manager.loc' to 'localhost'. This causes the inband fabric agent to kick off both scanners; no more error messages about onMessage().</p> <p>Craig is investigating whether this is the correct long term strategy...</p>

		<p>service 9.43.237.27:9570:FabricManagerService. org.eclipse.aperi.sanmgmt.middleware.MessagingService.TopicHandler run()</p> <p>I think the onMessage method of the FabricManagerService is what initiates inband discovery when the agent is marked active. Failure to invoke this method is what is breaking the initial discovery (I think). It should probably be reviewed by Marcus or Christoph.</p> <p>For some reason it looks like the Device server is trying to communicate with the FabricManagerService on the agent port. It should be using the hostname and port of the Device server.</p>	
Fabric agent - Craig Laverone	When you terminate agents, the fabric agent will not shut down <a href="#">eventscanner</a> automatically.		<p>Servility - Medium</p> <p><a href="#">CMVC defect 31724</a></p> <p><a href="#">Comment : Have to go to windows task manager to manually terminate the eventscanner.exe task</a></p>
Fabric agent - Craig Laverone	<p>2006.09.26 13:28:16.421-07:00 <a href="#">java.lang.reflect.UndeclaredThrowableException</a> at \$Proxy0.getStatus(Unknown Source) at org.eclipse.aperi.sanmgmt.middleware.data.Service.getStatus(Service.java:516) at org.eclipse.aperi.sanmg</p>	<p>Regarding the UndeclaredThrowableException messages. I think this is a severity 3 issue. It looks ugly but it breaks none of the agent function. I have the problem on my radar but I don't plan on fixing it in the near future.</p>	<p>Servility - Low</p> <p><a href="#">CMVC defect 31726</a></p> <p><a href="#">Comment : the error message may issue for every 11 seconds</a></p>

	<pre>mt.middleware.TSNMS erviceManager.monitor( TSNMSERVICEManager.j ava:1045)     at org.eclipse.aperi.sanmg mt.middleware.TSNMS erviceManager.run(TS NMSERVICEManager.jav a:414)     at java.lang.Thread.run(U nknown Source) Caused by: [SOAPException: faultCode=SOAP- ENV:Client; msg=Error opening socket: java.net.ConnectExcept ion: Connection refused: connect; targetException=java.la ng.IllegalArgumentException: Error opening socket: java.net.ConnectExcept ion: Connection refused: connect]     at org.apache.soap.transp ort.http.SOAPHTTPCon nection.send(SOAPHT TPConnection.java:354 )     at org.apache.soap.rpc.C all.invoke(Call.java:248)     at org.eclipse.aperi.sanmg mt.middleware.data.So apClient.handshake(So apClient.java:284)     at org.eclipse.aperi.sanmg mt.middleware.data.So apClient.init(SoapClient .java:109)     at org.eclipse.aperi.sanmg mt.middleware.data.So apServiceProxy.invoke( SoapServiceProxy.java: 50)     ... 5 more org.eclipse.aperi.sanmg mt.middleware.TSNMS</pre>	
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	erviceManager monitor		
Data Server - Ted Slupesky	Data Server log showed the following error message after data server is up  java.io.FileNotFoundException: C:\aperi\tmp\runLock (The system cannot find the path specified)	There is no C:\aperi\tmp path created during the install of Aperi	Servility - Low  <a href="#">CMVC defect 31731</a>  Comment : can circumvent the problem by creating \aperi\tmp path before running aperi.bat
GUI - David Wolfe	when you clicked Administrative Services->Services->Data Server button, there were no services showed up in the GUI  If you right clicked the data server service button, you would receive the following errors 10/10/06 1:59:07 PM GEN7076E: Error processing request from host <tivoli14>, user <administrator>, for service <unknown>, (1, 7) 10/10/06 1:59:07 PM GEN0049E: Cannot open log file null		Servility - Low  <a href="#">Comment : CMVC defect 31728</a>
GUI - David Wolfe	Received the following error when adding out of band agent through GUI  FabricGUI_utils::getResourceString() -- OutOfBand_Cancel not found in resource bundle.		Servility - Low  <a href="#">Comment : CMVC defect 31727</a>