All request and response to rpcore are in the following format

[tcBuffer][XML RPC Payload]

Where tcBuffer is structure of 20 bytes as below

struct tcBuffer {

int m\_procid;

unsigned int m\_reqID;

unsigned int m\_reqSize;

unsigned int m\_ustatus;

int m\_origprocid;

};

and XML RPC Payload is the standard XML RPC blob.

1. **Get\_RPID:**

**Request Format :**

*[tcbuffer]<xmlversion='1.0'?>\n<methodCall>\n <methodName>get\_rpid</methodName>\n <params>\n<param>\n<value><string>****BASE64encodedVMUUID****</string></value>\n</param>\n</params>\n</methodCall>\n*

you need to set tcbuffer fields m\_reqID to 36 and ,m\_reqSize to XML RPC payload size.

**Response Format:**

*[tcbuffer]<?xml version='1.0'? ><methodResponse><params><param><value> <string>****Base64encodedRPID****</string></value></param><params></methodResponse>*

where tcbuffer's field m\_reqSize is set to xml payload size and rest of field are zero.

1. **Get\_VMMETA:**

**Request Format :**

*[tcbuffer]<?xml version='1.0'?>\n<methodCall>\n<methodName> get\_vmmeta </methodName>\n<params>\n<param>\n<value><string>****BASE64encodedRPID*** *</string></value>\n</param>\n</params>\n</methodCall>\n*

you need to set tcbuffer's fields m\_reqID to 38 and ,m\_reqSize to XML RPC payload size. .

**Response Format :**

*[tcbuffer]<?xml version='1.0'?><methodCall> <methodName>get\_vmmeta</methodName>  
<params><param><value><int>****NUMBER OF ARGUMENTS IN RESPONSE****</int></value>  
</param><param><value><string>****VMImageId****</string></value></param><param>  
<value><string>****CustomerID****</string></value></param><param><value><string>****ManifestHash****</string></value></param><param><value><string>****ManifestSignature****</string></value></param></params></methodCall>*

where tcbuffer's field m\_reqsize is set to xml payload size and rest of field are zero.

1. **ISVERIFIED :  
   Request Format :**

**[***tcbuffer]<xmlversion='1.0'?\n<methodCall>\n<methodName>get\_verification\_status</methodName>\n<params>\n<param>\n<value><string>****BASE64encodedVMUUID****</string> </value>\n </param>\n</params>\n</methodCall>\n*

you need to set tcbuffer fields m\_reqID to 40 and ,m\_reqSize to XML RPC payload size.

**Response Format :**

*[tcbuffer]<?xml version='1.0'? ><methodResponse><params><param><value> <string>****Base64encoded(0,1)****</string></value></param><params></methodResponse>*

**0 – represent this vm is not verified.**

**1 – represent this vm is verified.**

If we pass a VMUUID which is not registered with vRTM(rpcore) then it send response m\_reqSize will be 0.