



## MAPI Statistics Service

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This chapter describes the MAPI Statistics service, which returns MAPI data and statistics for individual WAEs, device groups, and for the WAAS network.

This chapter contains the following sections:

- [MAPI Statistics Service Syntax](#)
- [MAPI Statistics Service Actions](#)

### MAPI Statistics Service Syntax

This section contains the following topics:

- [MAPI Statistics Informational URLs](#)
- [MAPI Statistics Example Request](#)
- [MAPI Statistics Example Response](#)

### MAPI Statistics Informational URLs

This section provides informational URLs for the MAPI Statistics service.

- Service URL—`https://<host/ip>:8443/ws/MapiStats`
- WSDL URL—`https://<host/ip>:8443/ws/MapiStats?wsdl`
- To obtain a description of all the operations and parameters for the MapiStats Service, submit a URL to the service with the suffix **?wsdl** as follows:

```
https://<host/ip>:8443/ws/MapiStats?wsdl
```

- To obtain management information using the Central Manager monitoring API, first call the service by using the service URL for this service as follows:

```
https://<host/ip>:8443/ws/MapiStats
```

Next, submit a SOAP request written in an XML format to retrieve the information.

## MAPI Statistics Example Request

The following example shows an XML-formatted SOAP request to perform the **retrieveDataReadStats** action. The request includes the input parameters for this particular action shown in bold. For more information on this action, see [retrieveDataReadStats](#).

```
<?xml version="1.0" encoding="utf-8" ?>
- <soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope">
- <soapenv:Header>
- <wsse:Security
xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.
xsd">
- <wsse:UsernameToken>
  <wsse:Username>admin</wsse:Username>
  <wsse:Password
Type="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-username-token-profile-1.0#P
asswordText">default</wsse:Password>
  </wsse:UsernameToken>
  </wsse:Security>
</soapenv:Header>
- <soapenv:Body>
- <ns2:retrieveDataReadStats xmlns:ns2="http://service.stats.ws.waas.cisco.com">
  <ns2:name>ce-119-40</ns2:name>
  <ns2:objType>wae</ns2:objType>
- <ns2:timeframe>
  <ns1:endTime
xmlns:ns1="http://util.ws.waas.cisco.com/xsd">2008-01-30T08:00:00.000Z</ns1:endTime>
  <ns1:frequency xmlns:ns1="http://util.ws.waas.cisco.com/xsd">lasthour</ns1:frequency>
  <ns1:startTime
xmlns:ns1="http://util.ws.waas.cisco.com/xsd">2008-01-31T08:00:00.000Z</ns1:startTime>
  <ns1:timezone xmlns:ns1="http://util.ws.waas.cisco.com/xsd">UTC</ns1:timezone>
</ns2:timeframe>
</ns2:retrieveDataReadStats>
</soapenv:Body>
</soapenv:Envelope>
```

## MAPI Statistics Example Response

The following example shows the XML response that contains the output values for the **retrieveDataReadStats** action. For more information on this action, see [retrieveDataReadStats](#).

```
<?xml version="1.0" encoding="utf-8" ?>
- <soapenv:Envelope xmlns:soapenv="http://www.w3.org/2003/05/soap-envelope">
- <soapenv:Body>
- <ns:retrieveDataReadStatsResponse xmlns:ns="http://service.stats.ws.waas.cisco.com"
xmlns:ax225="http://io.java/xsd" xmlns:ax227="http://stats.ws.waas.cisco.com/xsd"
xmlns:ax226="http://util.ws.waas.cisco.com/xsd" xmlns:ax224="http://rmi.java/xsd">
- <ns:return type="com.cisco.waas.ws.stats.MapiDataReadStats">
  <ax227:avgReadAhead>39</ax227:avgReadAhead>
  <ax227:avgReadStream>97</ax227:avgReadStream>
  <ax227:avgSyncGetBuffer>29</ax227:avgSyncGetBuffer>
  <ax227:endtime>2008-04-16T17:59:26.628Z</ax227:endtime>
  <ax227:frequency>min</ax227:frequency>
  <ax227:maxReadAhead>69</ax227:maxReadAhead>
  <ax227:maxReadStream>21</ax227:maxReadStream>
  <ax227:maxSyncGetBuffer>31</ax227:maxSyncGetBuffer>
  <ax227:minReadAhead>67</ax227:minReadAhead>
  <ax227:minReadStream>36</ax227:minReadStream>
```

```
<ax227:minSyncGetBuffer>92</ax227:minSyncGetBuffer>
</ns:return>
</ns:retrieveDataReadStatsResponse>
</soapenv:Body>
</soapenv:Envelope>
```

## MAPI Statistics Service Actions

The MAPI Statistics (MapiStats Web Service) performs one or more of the following actions:

- [getDroppedConnCount](#)
- [getOptConnCount](#)
- [getSessionCount](#)
- [getUnaccelConnCount](#)
- [retrieveClientConnCount](#)
- [retrieveClientSecuredConnCount](#)
- [retrieveDataReadStats](#)
- [retrieveEncAndNonEncResponseStats](#)
- [retrieveEncryptedAndNonEncryptedOptimizedConnCount](#)
- [retrieveRequestTypeStats](#)
- [retrieveResponseStats](#)

# getDroppedConnCount

Retrieves a list of dropped connection counts.

## Input Parameters

Parameter	Description
<b>name</b>	A string that describes the name of the WAE, WAE group, or system.
<b>objType</b>	A string that describes the object type. Valid values include the following: <ul style="list-style-type: none"> <li>• wae</li> <li>• waegroup</li> <li>• system</li> </ul>
<b>timeframe</b>	A <a href="#">TimeFrameFilter</a> value that includes the time interval, time zone, and frequency.

## Return

The output parameter **MapiDroppedConnCount[]** returns a [MapiDroppedConnCount](#) value that provides dropped connection counts.

## Exceptions

Type	String	Description
RemoteException	MapiStatsService.getDroppedConnCount: ERROR:Unable to get MapiDroppedConnCount=	Unknown exception. See the logs to view the error.

# getOptConnCount

Retrieves a list of optimized connection counts.

## Input Parameters

Parameter	Description
<b>name</b>	A string that describes the name of the WAE, WAE group, or system.
<b>objType</b>	A string that describes the object type. Valid values include the following: <ul style="list-style-type: none"> <li>• wae</li> <li>• waegroup</li> <li>• system</li> </ul>
<b>timeframe</b>	A <a href="#">TimeFrameFilter</a> value that includes the time interval, time zone, and frequency.

## Return

The output parameter **MapiOptConnCount[]** returns a [MapiClientSecuredConnCount](#) value that provides optimized connection counts.

## Exceptions

Type	String	Description
RemoteException	MapiStatsService.getClientConnCount: ERROR:Invalid name=	Unknown exception. See the logs to view the error.

# getSessionCount

Retrieves the number of MAPI sessions completed on either a WAE device, WAEs within a device group, or all WAEs system wide.

## Input Parameters

Parameter	Description
<b>name</b>	A string that describes the name of the WAE, WAE group, or system.
<b>objType</b>	A string that describes the object type. Valid values include the following: <ul style="list-style-type: none"> <li>• wae</li> <li>• waegroup</li> <li>• system</li> </ul>
<b>timeframe</b>	A <a href="#">TimeFrameFilter</a> value that includes the time interval, time zone, and frequency.

## Return

The output parameter **MapiSessionCount[]** returns a [HttpsStats](#) value that provides the number of sessions completed.

## Exceptions

Type	String	Description
RemoteException	MapiStatsService.getSessionCount: ERROR:Invalid name=	The device name is invalid.
RemoteException	MapiStatsService.getSessionCount: ERROR:Invalid objType=	The object type name is invalid.
RemoteException	MapiStatsService.getSessionCount: ERROR:Invalid TimeFrame	The timeframe is invalid.
RemoteException	MapiStatsService.getSessionCount: ERROR:Device does not exist.DeviceName=	The device name is not found.
RemoteException	MapiStatsService.getSessionCount: ERROR:Device Group does not exist.DeviceGroup=	The device group name is not found.
RemoteException	MapiStatsService.getSessionCount: ERROR:Invalid frequency=	The frequency is invalid.
RemoteException	MapiStatsService.getSessionCount: ERROR:Invalid startTime=	The start time is invalid.
RemoteException	MapiStatsService.getSessionCount: ERROR:Invalid endTime=	The end time is invalid.
RemoteException	MapiStatsService.getSessionCount: ERROR:startTime should be less than endTime startTime=	The start time is less than the end time.

AxisFault	MapiStats:The Method Name is not supported. MethodName=	The method name is not supported for a given service.
AxisFault	MapiStats:The SOAP Envelope Body is Null	The SOAP envelope is missing for a given service.
AxisFault	MapiStats:The Requested WebService is not available	The service requested is not supported.
AxisFault	getSessionCount:The SOAP Body doesn't have all the required elements	The SOAP body does not have all the required elements.

# getUnaccelConnCount

Retrieves a list of unaccelerated connection counts.

## Input Parameters

Parameter	Description
<b>name</b>	A string that describes the name of the WAE, WAE group, or system.
<b>objType</b>	A string that describes the object type. Valid values include the following: <ul style="list-style-type: none"> <li>• wae</li> <li>• waegroup</li> <li>• system</li> </ul>
<b>timeframe</b>	A <a href="#">TimeFrameFilter</a> value that includes the time interval, time zone, and frequency.

## Return

The output parameter **MapiUnaccelConnCount[]** returns a [MapiUnaccelConnCount](#) value that provides unaccelerated connection counts.

## Exceptions

Type	String	Description
RemoteException	MapiStatsService.getUnaccelConnCount: ERROR:Unable to get MapiUnaccelConnCount=	Unknown exception. See the logs to view the error.



# retrieveClientConnCount

Retrieves the number of past connections from each client type on either a WAE device, WAEs within a device group, or all WAEs system wide.

## Input Parameters

Parameter	Description
<b>name</b>	A string that describes the name of the WAE, WAE group, or system.
<b>objType</b>	A string that describes the object type. Valid values include the following: <ul style="list-style-type: none"> <li>• wae</li> <li>• waegroup</li> <li>• system</li> </ul>
<b>timeframe</b>	A <a href="#">TimeFrameFilter</a> value that includes the time interval, time zone, and frequency.

## Return

The output parameter **MapiClientConnCount[]** returns a [MapiClientConnCount](#) value that provides the number of past connections from each client type.

## Exceptions

Type	String	Description
RemoteException	MapiStatsService.retrieveClientConnCount: ERROR:Invalid name=	The device name is invalid.
RemoteException	MapiStatsService.retrieveClientConnCount: ERROR:Invalid objType=	The object type name is invalid.
RemoteException	MapiStatsService.retrieveClientConnCount: ERROR:Invalid TimeFrame	The timeframe is invalid.
RemoteException	MapiStatsService.retrieveClientConnCount: ERROR:Device does not exist.DeviceName=	The device name is not found.
RemoteException	MapiStatsService.retrieveClientConnCount: ERROR:Device Group does not exist.DeviceGroup=	The device group name is not found.
RemoteException	MapiStatsService.retrieveClientConnCount: ERROR:Invalid frequency=	The frequency is invalid.
RemoteException	MapiStatsService.retrieveClientConnCount: ERROR:Invalid startTime=	The start time is invalid.
RemoteException	MapiStatsService.retrieveClientConnCount: ERROR:Invalid endTime=	The end time is invalid.
RemoteException	MapiStatsService.retrieveClientConnCount: ERROR:startTime should be less than endTime startTime=	The start time is less than the end time.

AxisFault	MapiStats:The Method Name is not supported. MethodName=	The method name is not supported for a given service.
AxisFault	MapiStats:The SOAP Envelope Body is Null	The SOAP envelope is missing for a given service.
AxisFault	MapiStats:The Requested WebService is not available	The service requested is not supported.
AxisFault	retrieveClientConnCount:The SOAP Body doesn't have all the required elements	The SOAP body does not have all the required elements.

# retrieveClientSecuredConnCount

Retrieves the number of secured client connections from each Outlook version on either a WAE device, WAEs within a device group, or all WAEs system wide.

## Input Parameters

Parameter	Description
<b>name</b>	A string that describes the name of the WAE, WAE group, or system.
<b>objType</b>	A string that describes the object type. Valid values include the following: <ul style="list-style-type: none"> <li>• wae</li> <li>• waegroup</li> <li>• system</li> </ul>
<b>timeframe</b>	A <a href="#">TimeFrameFilter</a> value that includes the time interval, time zone, and frequency.

## Return

The output parameter **MapiClientSecuredConnCount[]** returns [MapiClientSecuredConnCount](#) value that provides the count of encrypted client connections for each version of Outlook.

## Exceptions

Type	String	Description
RemoteException	MapiStatsService.retrieveClientSecuredConnCount: ERROR:Invalid name=	The device name is invalid.
RemoteException	MapiStatsService.retrieveClientSecuredConnCount: ERROR:Invalid objType=	The object type name is invalid.
RemoteException	MapiStatsService.retrieveClientSecuredConnCount: ERROR:Invalid TimeFrame	The timeframe is invalid.
RemoteException	MapiStatsService.retrieveClientSecuredConnCount: ERROR:Device does not exist.DeviceName=	The device name is not found.
RemoteException	MapiStatsService.retrieveClientSecuredConnCount: ERROR:Device Group does not exist.DeviceGroup=	The device group name is not found.
RemoteException	MapiStatsService.retrieveClientSecuredConnCount: ERROR:Invalid frequency=	The frequency is invalid.
RemoteException	MapiStatsService.retrieveClientSecuredConnCount: ERROR:Invalid startTime=	The start time is invalid.
RemoteException	MapiStatsService.retrieveClientSecuredConnCount: ERROR:Invalid endTime=	The end time is invalid.

RemoteException	MapiStatsService.retrieveClientSecuredConnCount: ERROR:startTime should be less than endTime startTime=	The start time is less than the end time.
AxisFault	MapiStats:The Method Name is not supported. MethodName=	The method name is not supported for a given service.
AxisFault	MapiStats:The SOAP Envelope Body is Null	The SOAP envelope is missing for a given service.
AxisFault	MapiStats:The Requested WebService is not available	The service requested is not supported.
AxisFault	retrieveClientSecuredConnCount:The SOAP Body doesn't have all the required elements	The SOAP body does not have all the required elements.

# retrieveDataReadStats

Retrieves the MAPI date read statistics collected on either a WAE device, WAEs within a device group, or all WAEs system wide.

## Input Parameters

Parameter	Description
<b>name</b>	A string that describes the name of the WAE, WAE group, or system.
<b>objType</b>	A string that describes the object type. Valid values include the following: <ul style="list-style-type: none"> <li>• wae</li> <li>• waegroup</li> <li>• system</li> </ul>
<b>timeframe</b>	A <a href="#">TimeFrameFilter</a> value that includes the time interval, time zone, and frequency.

## Return

The output parameter **MapiDataReadStats[]** returns a [MapiDataReadStats](#) value that provides the minimum, maximum, and average size of the SynchronizationGetBuffer, the ReadStream, and the accumulated read ahead.

## Exceptions

Type	String	Description
RemoteException	MapiStatsService.retrieveDataReadStats: ERROR:Invalid name=	The device name is invalid.
RemoteException	MapiStatsService.retrieveDataReadStats: ERROR:Invalid objType=	The object type name is invalid.
RemoteException	MapiStatsService.retrieveDataReadStats: ERROR:Invalid TimeFrame	The timeframe is invalid.
RemoteException	MapiStatsService.retrieveDataReadStats: ERROR:Device does not exist.DeviceName=	The device name is not found.
RemoteException	MapiStatsService.retrieveDataReadStats: ERROR:Device Group does not exist.DeviceGroup=	The device group name is not found.
RemoteException	MapiStatsService.retrieveDataReadStats: ERROR:Invalid frequency=	The frequency is invalid.
RemoteException	MapiStatsService.retrieveDataReadStats: ERROR:Invalid startTime=	The start time is invalid.
RemoteException	MapiStatsService.retrieveDataReadStats: ERROR:Invalid endTime=	The end time is invalid.
RemoteException	MapiStatsService.retrieveDataReadStats: ERROR:startTime should be less than endTime startTime=	The start time is less than the end time.

AxisFault	MapiStats:The Method Name is not supported. MethodName=	The method name is not supported for a given service.
AxisFault	MapiStats:The SOAP Envelope Body is Null	The SOAP envelope is missing for a given service.
AxisFault	MapiStats:The Requested WebService is not available	The service requested is not supported.
AxisFault	retrieveDataReadStats:The SOAP Body doesn't have all the required elements	The SOAP body does not have all the required elements.

# retrieveEncAndNonEncResponseStats

Retrieves encrypted and unencrypted connection count and response time information.

## Input Parameters

Parameter	Description
<b>name</b>	A string that describes the name of the WAE, WAE group, or system.
<b>objType</b>	A string that describes the object type. Valid values include the following: <ul style="list-style-type: none"> <li>• wae</li> <li>• waegroup</li> <li>• system</li> </ul>
<b>timeframe</b>	A <a href="#">TimeFrameFilter</a> value that includes the time interval, time zone, and frequency.

## Return

The output parameter **MAPIEncAndNonEncResponseStats[]** returns a [MapiEncAndNonEncResponseStats](#) value that specifies the number of encrypted and unencrypted connections, along with the average local and response times for encrypted and unencrypted connections.

## Exceptions

Type	String	Description
RemoteException	MapiStatsService.retrieveEncAndNonEncResponseStats: ERROR:Invalid name=	The device name is invalid.
RemoteException	MapiStatsService.retrieveEncAndNonEncResponseStats: ERROR:Invalid objType=	The object type name is invalid.
RemoteException	MapiStatsService.retrieveEncAndNonEncResponseStats: ERROR:Invalid TimeFrame	The timeframe is invalid.
RemoteException	MapiStatsService.retrieveEncAndNonEncResponseStats: ERROR:Device does not exist.DeviceName=	The device name is not found.
RemoteException	MapiStatsService.retrieveEncAndNonEncResponseStats: ERROR:Device Group does not exist.DeviceGroup=	The device group name is not found.
RemoteException	MapiStatsService.retrieveEncAndNonEncResponseStats: ERROR:Invalid frequency=	The frequency is invalid.
RemoteException	MapiStatsService.retrieveEncAndNonEncResponseStats: ERROR:Invalid startTime=	The start time is invalid.

RemoteException	MapiStatsService.retrieveEncAndNonEncResponseStats: ERROR:Invalid endTime=	The end time is invalid.
RemoteException	MapiStatsService.retrieveEncAndNonEncResponseStats: ERROR:startTime should be less than endTime startTime=	The start time is less than the end time.
AxisFault	MapiStats:The Method Name is not supported. MethodName=	The method name is not supported for a given service.
AxisFault	MapiStats:The SOAP Envelope Body is Null	The SOAP envelope is missing for a given service.
AxisFault	MapiStats:The Requested WebService is not available	The service requested is not supported.
AxisFault	retrieveEncAndNonEncResponseStats: The SOAP Body doesn't have all the required elements	The SOAP body does not have all the required elements.



# retrieveEncryptedAndNonEncryptedOptimizedConnCount

Retrieves counts of the encrypted and unencrypted connections optimized by the MAPI Application Optimizer.

## Input Parameters

Parameter	Description
<b>name</b>	A string that describes the name of the WAE, WAE group, or system.
<b>objType</b>	A string that describes the object type. Valid values include the following: <ul style="list-style-type: none"> <li>• wae</li> <li>• waegroup</li> <li>• system</li> </ul>
<b>timeframe</b>	A <a href="#">TimeFrameFilter</a> value that includes the time interval, time zone, and frequency.

## Return

The output parameter **MAPIEncAndNonEncOptimizedConnCount[]** returns a [MapiEncAndNonEncOptimizedConnCount](#) value that provides the number of encrypted and unencrypted connections that have been optimized by the MAPI AO.

## Exceptions

Type	String	Description
RemoteException	MapiStatsService.retrieveEncryptedAndNonEncryptedOptimizedConnCount: ERROR:Invalid name=	The device name is invalid.
RemoteException	MapiStatsService.retrieveEncryptedAndNonEncryptedOptimizedConnCount: ERROR:Invalid objType=	The object type name is invalid.
RemoteException	MapiStatsService.retrieveEncryptedAndNonEncryptedOptimizedConnCount: ERROR:Invalid TimeFrame	The timeframe is invalid.
RemoteException	MapiStatsService.retrieveEncryptedAndNonEncryptedOptimizedConnCount: ERROR:Device does not exist.DeviceName=	The device name is not found.
RemoteException	MapiStatsService.retrieveEncryptedAndNonEncryptedOptimizedConnCount: ERROR:Device Group does not exist.DeviceGroup=	The device group name is not found.
RemoteException	MapiStatsService.retrieveEncryptedAndNonEncryptedOptimizedConnCount: ERROR:Invalid frequency=	The frequency is invalid.

RemoteException	MapiStatsService.retrieveEncryptedAndNonEncryptedOptimizedConnCount: ERROR:Invalid startTime=	The start time is invalid.
RemoteException	MapiStatsService.retrieveEncryptedAndNonEncryptedOptimizedConnCount: ERROR:Invalid endTime=	The end time is invalid.
RemoteException	MapiStatsService.retrieveEncryptedAndNonEncryptedOptimizedConnCount: ERROR:startTime should be less than endTime startTime=	The start time is less than the end time.
AxisFault	MapiStats:The Method Name is not supported. MethodName=	The method name is not supported for a given service.
AxisFault	MapiStats:The SOAP Envelope Body is Null	The SOAP envelope is missing for a given service.
AxisFault	MapiStats:The Requested WebService is not available	The service requested is not supported.
AxisFault	retrieveEncryptedAndNonEncryptedOptimizedConnCount:The SOAP Body doesn't have all the required elements	The SOAP body does not have all the required elements.

# retrieveRequestTypeStats

Retrieves the MAPI request type statistics collected on either a WAE device, WAEs within a device group, or all WAEs system wide.

## Input Parameters

Parameter	Description
<b>name</b>	A string that describes the name of the WAE, WAE group, or system.
<b>objType</b>	A string that describes the object type. Valid values include the following: <ul style="list-style-type: none"> <li>• wae</li> <li>• waegroup</li> <li>• system</li> </ul>
<b>timeframe</b>	A <a href="#">TimeFrameFilter</a> value that includes the time interval, time zone, and frequency.

## Return

The output parameter **MapiRequestTypeStats[]** returns a [MapiRequestTypeStats](#) value that provides the request type statistics.

## Exceptions

Type	String	Description
RemoteException	MapiStatsService.retrieveRequestTypeStats: ERROR:Invalid name=	The device name is invalid.
RemoteException	MapiStatsService.retrieveRequestTypeStats: ERROR:Invalid objType=	The object type name is invalid.
RemoteException	MapiStatsService.retrieveRequestTypeStats: ERROR:Invalid TimeFrame	The timeframe is invalid.
RemoteException	MapiStatsService.retrieveRequestTypeStats: ERROR:Device does not exist.DeviceName=	The device name is not found.
RemoteException	MapiStatsService.retrieveRequestTypeStats: ERROR:Device Group does not exist.DeviceGroup=	The device group name is not found.
RemoteException	MapiStatsService.retrieveRequestTypeStats: ERROR:Invalid frequency=	The frequency is invalid.
RemoteException	MapiStatsService.retrieveRequestTypeStats: ERROR:Invalid startTime=	The start time is invalid.
RemoteException	MapiStatsService.retrieveRequestTypeStats: ERROR:Invalid endTime=	The end time is invalid.
RemoteException	MapiStatsService.retrieveRequestTypeStats: ERROR:startTime should be less than endTime startTime=	The start time is less than the end time.

AxisFault	MapiStats:The Method Name is not supported. MethodName=	The method name is not supported for a given service.
AxisFault	MapiStats:The SOAP Envelope Body is Null	The SOAP envelope is missing for a given service.
AxisFault	MapiStats:The Requested WebService is not available	The service requested is not supported.
AxisFault	retrieveRequestTypeStats:The SOAP Body doesn't have all the required elements	The SOAP body does not have all the required elements.

# retrieveResponseStats

Retrieves the MAPI response statistics collected on either a WAE device, WAEs within a device group, or all WAEs system wide.

## Input Parameters

Parameter	Description
<b>name</b>	A string that describes the name of the WAE, WAE group, or system.
<b>objType</b>	A string that describes the object type. Valid values include the following: <ul style="list-style-type: none"> <li>• wae</li> <li>• waegroup</li> <li>• system</li> </ul>
<b>timeframe</b>	A <a href="#">TimeFrameFilter</a> value that includes the time interval, time zone, and frequency.

## Return

The output parameter **MapiResponseStats[]** returns a [MapiResponseStats](#) value that provides the number of local and remote responses, the average local response time, and the average remote response time.

## Exceptions

Type	String	Description
RemoteException	MapiStatsService.retrieveResponseStats: ERROR:Invalid name=	The device name is invalid.
RemoteException	MapiStatsService.retrieveResponseStats: ERROR:Invalid objType=	The object type name is invalid.
RemoteException	MapiStatsService.retrieveResponseStats: ERROR:Invalid TimeFrame	The timeframe is invalid.
RemoteException	MapiStatsService.retrieveResponseStats: ERROR:Device does not exist.DeviceName=	The device name is not found.
RemoteException	MapiStatsService.retrieveResponseStats: ERROR:Device Group does not exist.DeviceGroup=	The device group name is not found.
RemoteException	MapiStatsService.retrieveResponseStats: ERROR:Invalid frequency=	The frequency is invalid.
RemoteException	MapiStatsService.retrieveResponseStats: ERROR:Invalid startTime=	The start time is invalid.
RemoteException	MapiStatsService.retrieveResponseStats: ERROR:Invalid endTime=	The end time is invalid.
RemoteException	MapiStatsService.retrieveResponseStats: ERROR:startTime should be less than endTime startTime=	The start time is less than the end time.

AxisFault	MapiStats:The Method Name is not supported. MethodName=	The method name is not supported for a given service.
AxisFault	MapiStats:The SOAP Envelope Body is Null	The SOAP envelope is missing for a given service.
AxisFault	MapiStats:The Requested WebService is not available	The service requested is not supported.
AxisFault	retrieveResponseStats:The SOAP Body doesn't have all the required elements	The SOAP body does not have all the required elements.