



# AppNav Statistics Service

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This chapter describes the AppNav Statistics service, which returns AppNav data and statistics for AppNav and AppNav-XE controllers and clusters.

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## AppNav Statistics Service Syntax

This section contains the following topics:

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## AppNav Statistics Informational URLs

This section provides informational URLs for the AppNav Statistics service.

- Service URL: **https://<host/ip>:8443/ws/AppNavStats**
- WSDL URL: **https://<host/ip>:8443/ws/AppNavStats?wsdl**

To obtain a description of all the operations and parameters for the AppNavStats Service, submit a URL to the service with the **suffix ?wsdl** as follows:

**https://<host/ip>:8443/ws/AppNavStats?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/AppNavStats**

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

## AppNav Statistics Example Request

The following example shows an XML-formatted SOAP request to perform the **retrieveOverallAppNavPolicyStats** action. The request includes the input parameters for this particular action shown in bold.

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ser="http://service.stats.ws.waas.cisco.com"
xmlns:xsd="http://util.ws.waas.cisco.com/xsd">
<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>default</wsse:Password>
</wsse:UsernameToken>
</wsse:Security>
</soapenv:Header>
<soapenv:Body>
<ser:retrieveOverallAppNavPolicyStats>
<!--Zero or more repetitions:-->
<ser:name>one</ser:name>
<!--Optional:-->
<ser:objType>cluster</ser:objType>
<!--Optional:-->
<ser:timeframe>
<!--Optional:-->
<xsd:endTime>2012-05-23T09:40:00.000Z</xsd:endTime>
<!--Optional:-->
<xsd:frequency>lasthour</xsd:frequency>
<!--Optional:-->
<xsd:startTime>2012-05-23T08:45:00.000Z</xsd:startTime>
<!--Optional:-->
<xsd:timezone>UTC</xsd:timezone>
</ser:timeframe>
</ser:retrieveOverallAppNavPolicyStats>
</soapenv:Body>
</soapenv:Envelope>
```

## AppNav Statistics Example Response

The following example shows the XML response that contains the output values for the **retrieveOverallAppNavPolicyStats** action.

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
<soapenv:Body>
<ns:retrieveOverallAppNavPolicyStatsResponse
xmlns:ns="http://service.stats.ws.waas.cisco.com" xmlns:ax246="http://rmi.java/xsd"
xmlns:ax248="http://util.ws.waas.cisco.com/xsd" xmlns:ax247="http://io.java/xsd"
xmlns:ax249="http://stats.ws.waas.cisco.com/xsd">
<ns:return type="com.cisco.waas.ws.stats.AppNavOverallStats">
<ax249:endtime>2012-05-23T08:55:00.000Z</ax249:endtime>
<ax249:frequency>min</ax249:frequency>
<ax249:interceptedTraffic>143510</ax249:interceptedTraffic>
<ax249:name>one</ax249:name>
<ax249:passthroughTraffic>56653</ax249:passthroughTraffic>
<ax249:redirectedTraffic>86857</ax249:redirectedTraffic>
<ax249:starttime>2012-05-23T08:50:00.000Z</ax249:starttime>
</ns:return>
<ns:return type="com.cisco.waas.ws.stats.AppNavOverallStats">
```

```

    <ax249:endtime>2012-05-23T09:00:00.000Z</ax249:endtime>
    <ax249:frequency>min</ax249:frequency>
    <ax249:interceptedTraffic>136555</ax249:interceptedTraffic>
    <ax249:name>one</ax249:name>
    <ax249:passthroughTraffic>56524</ax249:passthroughTraffic>
    <ax249:redirectedTraffic>80031</ax249:redirectedTraffic>
    <ax249:starttime>2012-05-23T08:55:00.000Z</ax249:starttime>
  </ns:return>
<ns:return type="com.cisco.waas.ws.stats.AppNavOverallStats">
  <ax249:endtime>2012-05-23T09:05:00.000Z</ax249:endtime>
  <ax249:frequency>min</ax249:frequency>
  <ax249:interceptedTraffic>164320</ax249:interceptedTraffic>
  <ax249:name>one</ax249:name>
  <ax249:passthroughTraffic>67784</ax249:passthroughTraffic>
  <ax249:redirectedTraffic>96536</ax249:redirectedTraffic>
  <ax249:starttime>2012-05-23T09:00:00.000Z</ax249:starttime>
</ns:return>
<ns:return type="com.cisco.waas.ws.stats.AppNavOverallStats">
  <ax249:endtime>2012-05-23T09:10:00.000Z</ax249:endtime>
  <ax249:frequency>min</ax249:frequency>
  <ax249:interceptedTraffic>151656</ax249:interceptedTraffic>
  <ax249:name>one</ax249:name>
  <ax249:passthroughTraffic>50856</ax249:passthroughTraffic>
  <ax249:redirectedTraffic>100800</ax249:redirectedTraffic>
  <ax249:starttime>2012-05-23T09:05:00.000Z</ax249:starttime>
</ns:return>
<ns:return type="com.cisco.waas.ws.stats.AppNavOverallStats">
  <ax249:endtime>2012-05-23T09:15:00.000Z</ax249:endtime>
  <ax249:frequency>min</ax249:frequency>
  <ax249:interceptedTraffic>169249</ax249:interceptedTraffic>
  <ax249:name>one</ax249:name>
  <ax249:passthroughTraffic>70901</ax249:passthroughTraffic>
  <ax249:redirectedTraffic>98348</ax249:redirectedTraffic>
  <ax249:starttime>2012-05-23T09:10:00.000Z</ax249:starttime>
</ns:return>
<ns:return type="com.cisco.waas.ws.stats.AppNavOverallStats">
  <ax249:endtime>2012-05-23T09:20:00.000Z</ax249:endtime>
  <ax249:frequency>min</ax249:frequency>
  <ax249:interceptedTraffic>160204</ax249:interceptedTraffic>
  <ax249:name>one</ax249:name>
  <ax249:passthroughTraffic>67593</ax249:passthroughTraffic>
  <ax249:redirectedTraffic>92611</ax249:redirectedTraffic>
  <ax249:starttime>2012-05-23T09:15:00.000Z</ax249:starttime>
</ns:return>
<ns:return type="com.cisco.waas.ws.stats.AppNavOverallStats">
  <ax249:endtime>2012-05-23T09:25:00.000Z</ax249:endtime>
  <ax249:frequency>min</ax249:frequency>
  <ax249:interceptedTraffic>161264</ax249:interceptedTraffic>
  <ax249:name>one</ax249:name>
  <ax249:passthroughTraffic>71680</ax249:passthroughTraffic>
  <ax249:redirectedTraffic>89584</ax249:redirectedTraffic>
  <ax249:starttime>2012-05-23T09:20:00.000Z</ax249:starttime>
</ns:return>
<ns:return type="com.cisco.waas.ws.stats.AppNavOverallStats">
  <ax249:endtime>2012-05-23T09:30:00.000Z</ax249:endtime>
  <ax249:frequency>min</ax249:frequency>
  <ax249:interceptedTraffic>100226</ax249:interceptedTraffic>
  <ax249:name>one</ax249:name>
  <ax249:passthroughTraffic>39049</ax249:passthroughTraffic>
  <ax249:redirectedTraffic>61177</ax249:redirectedTraffic>
  <ax249:starttime>2012-05-23T09:25:00.000Z</ax249:starttime>
</ns:return>
<ns:return type="com.cisco.waas.ws.stats.AppNavOverallStats">
  <ax249:endtime>2012-05-23T09:35:00.000Z</ax249:endtime>

```

```

    <ax249:frequency>min</ax249:frequency>
    <ax249:interceptedTraffic>143822</ax249:interceptedTraffic>
    <ax249:name>one</ax249:name>
    <ax249:passthroughTraffic>56865</ax249:passthroughTraffic>
    <ax249:redirectedTraffic>86957</ax249:redirectedTraffic>
    <ax249:starttime>2012-05-23T09:30:00.000Z</ax249:starttime>
  </ns:return>
  <ns:return type="com.cisco.waas.ws.stats.AppNavOverallStats">
    <ax249:endtime>2012-05-23T09:40:00.000Z</ax249:endtime>
    <ax249:frequency>min</ax249:frequency>
    <ax249:interceptedTraffic>109224</ax249:interceptedTraffic>
    <ax249:name>one</ax249:name>
    <ax249:passthroughTraffic>49786</ax249:passthroughTraffic>
    <ax249:redirectedTraffic>59438</ax249:redirectedTraffic>
    <ax249:starttime>2012-05-23T09:35:00.000Z</ax249:starttime>
  </ns:return>
</ns:retrieveOverallAppNavPolicyStatsResponse>
</soapenv:Body>
</soapenv:Envelope>

```

## AppNav Statistics Service Actions

The AppNav Statistics service (AppNavStats Web Service) performs one or more of the following actions:

- retrieveAppNavPassthroughStats
- retrieveAppNavPolicyStats
- retrieveOverallAppNavPolicyStats
- retrieveWNGDistributionStats
- retrieveWNGDistributionStatsXe
- retrieveAppNavPassthroughStatsXe

Note that you can request statistics for multiple clusters or controller in any of the above requests.

### retrieveAppNavPassthroughStats

Retrieves the pass-through statistics collected on an AppNav controller or cluster.

This API is supported for AppNav-XE device/cluster.

#### Input Parameters

Parameter	Description
<b>name</b>	An array of <b>ser:name</b> elements, each of which is a string that describes the name of the AppNav controller or cluster.
<b>objType</b>	An array of <b>ser:objType</b> elements, each of which is a string that describes the object type. Valid values include the following: <ul style="list-style-type: none"> <li>• controller</li> <li>• cluster</li> </ul>

Parameter	Description
<b>timeframe</b>	A TimeFrameFilter value that includes the time interval, time zone, and frequency.

**Return**

The output parameter **appNavPTStats[]** returns a AppNavPTStats value that provides pass-through statistics.

**Exceptions**

Type	String	Description
RemoteException	AppNavStatsService.retrieveAppNavPassthroughStats: ERROR:Invalid name=	The controller or cluster name is invalid.
RemoteException	AppNavStatsService.retrieveAppNavPassthroughStats: ERROR:Invalid objType=	The object type name is invalid.
RemoteException	AppNavStatsService.retrieveAppNavPassthroughStats: ERROR:Invalid TimeFrame	The timeframe is invalid.
RemoteException	AppNavStatsService.retrieveAppNavPassthroughStats: ERROR:Device does not exist.DeviceName=	The controller name is not found.
RemoteException	AppNavStatsService.retrieveAppNavPassthroughStats: ERROR:Cluster does not exist.Cluster=	The cluster name is not found.
RemoteException	AppNavStatsService.retrieveAppNavPassthroughStats: ERROR:Invalid frequency=	The frequency is invalid.
RemoteException	AppNavStatsService.retrieveAppNavPassthroughStats: ERROR:Invalid startTime=	The start time is invalid.
RemoteException	AppNavStatsService.retrieveAppNavPassthroughStats: ERROR:Invalid endTime=	The end time is invalid.
RemoteException	AppNavStatsService.retrieveAppNavPassthroughStats: ERROR:startTime should be less than endTime startTime=	The start time is less than the end time.
AxisFault	AppNavStats:The Method Name is not supported. MethodName=	The method name is not supported for a given service.
AxisFault	AppNavStats:The SOAP Envelope Body is Null	The SOAP envelope is missing for a given service.
AxisFault	AppNavStats:The Requested WebService is not available	The service requested is not supported.
AxisFault	retrieveAppNavPassthroughStats:The SOAP Body doesn't have all the required elements	The SOAP body does not have all the required elements.

**retrieveAppNavPolicyStats**

Retrieves the AppNav controller or cluster statistics for a specified policy map/class map pair, including the intercepted, distributed, and pass-through traffic for the default policy for that pair.



**Note** The parameter `classMapName` is not supported for IOS-XE devices/Cluster. Please use API without `classMapName` for IOS-XE devices/Cluster : " + `deviceName`.

**Input Parameters**

Parameter	Description
<b>name</b>	An array of <b>ser:name</b> elements, each of which is a string that describes the name of the AppNav controller or cluster.
<b>objType</b>	An array of <b>ser:objType</b> elements, each of which is a string that describes the object type. Valid values include the following: <ul style="list-style-type: none"> <li>• controller</li> <li>• cluster</li> </ul>
<b>timeframe</b>	A TimeFrameFilter value that includes the time interval, time zone, and frequency.
<b>policyMapName</b>	A string that describes the name of the policy map.
<b>classMapName</b>	A string that describes the name of the class map.

**Return**

The output parameter **AppNavPolicyStats[]** returns a `AppNavStats` value that provides information about the intercepted traffic, pass-through traffic, and redirected traffic for the specified policy map/class map pair.

**Exceptions**

Type	String	Description
RemoteException	AppNavStatsService.retrieveAppNavPolicyStats: ERROR:Invalid name=	The controller or cluster name is invalid.
RemoteException	AppNavStatsService.retrieveAppNavPolicyStats: ERROR:Invalid objType=	The object type name is invalid.
RemoteException	AppNavStatsService.retrieveAppNavPolicyStats: ERROR:Invalid TimeFrame	The timeframe is invalid.
RemoteException	AppNavStatsService.retrieveAppNavPolicyStats: ERROR:Device does not exist.DeviceName=	The controller name is not found.

Type	String	Description
RemoteException	AppNavStatsService.retrieveAppNavPolicyStats: ERROR:Cluster does not exist.Cluster=	The cluster name is not found.
RemoteException	AppNavStatsService.retrieveAppNavPolicyStats: ERROR:Invalid frequency=	The frequency is invalid.
RemoteException	AppNavStatsService.retrieveAppNavPolicyStats: ERROR:Invalid startTime=	The start time is invalid.
RemoteException	AppNavStatsService.retrieveAppNavPolicyStats: ERROR:Invalid endTime=	The end time is invalid.
RemoteException	AppNavStatsService.retrieveAppNavPolicyStats: ERROR:startTime should be less than endTime startTime=	The start time is less than the end time.
RemoteException	AppNavStatsService.retrieveAppNavPolicyStats:ERROR:PolicyMapName does not exist. PolicyMapName :	The Policy Map Name is not valid.
RemoteException	AppNavStatsService.retrieveAppNavPolicyStats:ERROR:The parameter classMapName is not supported for IOS-XE devices/Cluster. Please use API without classMapName for IOS-XE devices/Cluster :	The Policy Map Name is not supported for IOS-XE devices/Cluster.
AxisFault	AppNavStats:The Method Name is not supported. MethodName=	The method name is not supported for a given service.
AxisFault	AppNavStats:The SOAP Envelope Body is Null	The SOAP envelope is missing for a given service.
AxisFault	AppNavStats:The Requested WebService is not available	The service requested is not supported.
AxisFault	retrieveAppNavPolicyStats:The SOAP Body doesn't have all the required elements	The SOAP body does not have all the required elements.

**retrieveOverallAppNavPolicyStats**

Retrieves the overall AppNav controller or cluster statistics, including the intercepted, distributed, and pass-through traffic for the default policy.

This API is supported for AppNav-XE device/cluster.

**Input Parameters**

Parameter	Description
<b>name</b>	An array of <b>ser:name</b> elements, each of which is a string that describes the name of the AppNav controller or cluster.
<b>objType</b>	An array of <b>ser:objType</b> elements, each of which is a string that describes the object type. Valid values include the following: <ul style="list-style-type: none"> <li>• controller</li> <li>• cluster</li> </ul>
<b>timeframe</b>	A TimeFrameFilter value that includes the time interval, time zone, and frequency.

**Return**

The output parameter **AppNavOverallPolicyStats[]** returns a AppNavOverallStats value that provides overall traffic information for the controller or cluster.

Type	String	Description
RemoteException	AppNavStatsService.retrieveOverallAppNavPolicyStats: ERROR:Invalid name=	The controller or cluster name is invalid.
RemoteException	AppNavStatsService.retrieveOverallAppNavPolicyStats: ERROR:Invalid objType=	The object type name is invalid.
RemoteException	AppNavStatsService.retrieveOverallAppNavPolicyStats: ERROR:Invalid TimeFrame	The timeframe is invalid.
RemoteException	AppNavStatsService.retrieveOverallAppNavPolicyStats: ERROR:Device does not exist.DeviceName=	The controller name is not found.
RemoteException	AppNavStatsService.retrieveOverallAppNavPolicyStats: ERROR:Cluster does not exist.Cluster=	The cluster name is not found.
RemoteException	AppNavStatsService.retrieveOverallAppNavPolicyStats: ERROR:Invalid frequency=	The frequency is invalid.
RemoteException	AppNavStatsService.retrieveOverallAppNavPolicyStats: ERROR:Invalid startTime=	The start time is invalid.
RemoteException	AppNavStatsService.retrieveOverallAppNavPolicyStats: ERROR:Invalid endTime=	The end time is invalid.
RemoteException	AppNavStatsService.retrieveOverallAppNavPolicyStats: ERROR:startTime should be less than endTime startTime=	The start time is less than the end time.



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

### retrieveWNGDistributionStats

Retrieves AppNav controller received and redirected data statistics for a specified WAAS Node Group.

This API is supported for AppNav-XE device/cluster.

### Input Parameters

Parameter	Description
<b>name</b>	An array of <b>ser:name</b> elements, each of which is a string that describes the name of the AppNav controller or cluster.
<b>objType</b>	An array of <b>ser:objType</b> elements, each of which is a string that describes the object type. Valid values include the following: <ul style="list-style-type: none"> <li>• controller</li> <li>• cluster</li> </ul>
<b>timeframe</b>	A TimeFrameFilter value that includes the time interval, time zone, and frequency.
<b>wngName</b>	A string that describes the name of the WAAS Node Group.

### Return

The output parameter **AppnavWNGDistributionstats[]** returns a AppNavRedStats value that provides information about the number of received and redirected bytes for the specified WAAS Node Group. The XML output values will include the WN names only if the WNG name is passed as a parameter.

### Exceptions

Type	String	Description
RemoteException	AppNavStatsService.retrieveWNGDistributionStats: ERROR:Invalid name=	The controller, cluster, or WNG name is invalid.
RemoteException	AppNavStatsService.retrieveWNGDistributionStats: ERROR:Invalid objType=	The object type name is invalid.
RemoteException	AppNavStatsService.retrieveWNGDistributionStats: ERROR:Invalid TimeFrame	The timeframe is invalid.

Type	String	Description
RemoteException	AppNavStatsService.retrieveWNGDistributionStats: ERROR:Device does not exist.DeviceName=	The controller name is not found.
RemoteException	AppNavStatsService.retrieveWNGDistributionStats: ERROR:Cluster does not exist.Cluster=	The cluster name is not found.
RemoteException	AppNavStatsService.retrieveWNGDistributionStats: ERROR:Invalid frequency=	The frequency is invalid.
RemoteException	AppNavStatsService.retrieveWNGDistributionStats: ERROR:Invalid startTime=	The start time is invalid.
RemoteException	AppNavStatsService.retrieveWNGDistributionStats: ERROR:Invalid endTime=	The end time is invalid.
RemoteException	AppNavStatsService.retrieveWNGDistributionStats: ERROR:startTime should be less than endTime startTime=	The start time is less than the end time.
AxisFault	AppNavStats:The Method Name is not supported. MethodName=	The method name is not supported for a given service.
AxisFault	AppNavStats:The SOAP Envelope Body is Null	The SOAP envelope is missing for a given service.
AxisFault	AppNavStats:The Requested WebService is not available	The service requested is not supported.
AxisFault	retrieveWNGDistributionStats:The SOAP Body doesn't have all the required elements	The SOAP body does not have all the required elements.

### retrieveWNGDistributionStatsXe

Retrieves AppNav-XE controller received and redirected data statistics for a specified WAAS Node Group.



**Note** This API is supported only for IOS-XE devices/Cluster. Please use API without context for non IOS-XE devices/Cluster : " + deviceName.

### Input Parameters

Parameter	Description
<b>name</b>	An array of <b>ser:name</b> elements, each of which is a string that describes the name of the AppNav-XE controller or cluster.

Parameter	Description
<b>objType</b>	An array of <b>ser:objType</b> elements, each of which is a string that describes the object type. Valid values include the following: <ul style="list-style-type: none"> <li>• controller</li> <li>• cluster</li> </ul>
<b>timeframe</b>	A TimeFrameFilter value that includes the time interval, time zone, and frequency.
<b>wngName</b>	A string that describes the name of the WAAS Node Group.
<b>context</b>	A string that describes the name of the Service Context.

### Result

The output parameter **AppnavWNGDistributionstats[]** returns a AppNavRedStats value that provides information about the number of received and redirected bytes for the specified WAAS Node Group.

### Exception

Type	String	Description
RemoteException	AppNavStatsService.retrieveWNGDistributionStatsXe:ERROR:WNG does not exist for the given context. WNGName :	Wrong WNG Name has been given for the context.
RemoteException	AppNavStatsService.retrieveWNGDistributionStatsXe:ERROR:Service Context does not exist. Service Context :	The Service context name is not valid.
RemoteException	AppNavStatsService.retrieveWNGDistributionStatsXe:ERROR:WNG does not exist. WNGName :	The WNG Name is not valid.
RemoteException	AppNavStatsService.retrieveWNGDistributionStatsXe: ERROR:Invalid name=	The controller, cluster, or WNG name is invalid.
RemoteException	AppNavStatsService.retrieveWNGDistributionStatsXe: ERROR:Invalid objType=	The object type name is invalid.
RemoteException	AppNavStatsService.retrieveWNGDistributionStatsXe: ERROR:Invalid TimeFrame	The timeframe is invalid.
RemoteException	AppNavStatsService.retrieveWNGDistributionStatsXe: ERROR:Device does not exist.DeviceName=	The controller name is not found.
RemoteException	AppNavStatsService.retrieveWNGDistributionStatsXe: ERROR:Cluster does not exist.Cluster=	The cluster name is not found.

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

### retrieveAppNavPassthroughStatsXe

Retrieves the pass-through statistics collected on an AppNav-XE controller or cluster.



#### Note

This API is supported only for IOS-XE devices/Cluster. Please use API without context for non IOS-XE devices/Cluster : " + deviceName.

#### Input Parameters

Parameter	Description
<b>name</b>	An array of <b>ser:name</b> elements, each of which is a string that describes the name of the AppNav-XE controller or cluster.

Parameter	Description
<b>objType</b>	An array of <b>ser:objType</b> elements, each of which is a string that describes the object type. Valid values include the following: <ul style="list-style-type: none"> <li>• controller</li> <li>• cluster</li> </ul>
<b>timeframe</b>	A TimeFrameFilter value that includes the time interval, time zone, and frequency.
<b>context</b>	A string that describes the name of the Service Context.

### Result

The output parameter **appNavPTStats[]** returns a AppNavPTStats value that provides pass-through statistics.

### Exceptions

Type	String	Description
RemoteException	AppNavStatsService.retrieveAppNavPassthroughStatsXe:ERROR:Service Context does not exist. Service Context :	The Service context name is not valid
RemoteException	AppNavStatsService.retrieveAppNavPassthroughStatsXe: ERROR:Invalid name=	The controller or cluster name is invalid.
RemoteException	AppNavStatsService.retrieveAppNavPassthroughStatsXe: ERROR:Invalid objType=	The object type name is invalid.
RemoteException	AppNavStatsService.retrieveAppNavPassthroughStatsXe: ERROR:Invalid TimeFrame	The timeframe is invalid.
RemoteException	AppNavStatsService.retrieveAppNavPassthroughStatsXe: ERROR:Device does not exist.DeviceName=	The controller name is not found.
RemoteException	AppNavStatsService.retrieveAppNavPassthroughStatsXe: ERROR:Cluster does not exist.Cluster=	The cluster name is not found.
RemoteException	AppNavStatsService.retrieveAppNavPassthroughStatsXe: ERROR:Invalid frequency=	The frequency is invalid.
RemoteException	AppNavStatsService.retrieveAppNavPassthroughStatsXe: ERROR:Invalid startTime=	The start time is invalid.

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