**PUT /bw\_allocation/{allocationId}**

|  |  |
| --- | --- |
| Description | This test case retrieves information about the bandwidth allocation resources without providing any arguments. |
| **Identifier** | MEC-BWMNGT-BALLOC-ALLOCID-001 |
| **Test Purpose** | Check response received from server when all parameter is null |
| **Configuration** | MEC server where previously few applications allocated bandwidth |
| **References** | https://forge.etsi.org/rep/gitweb.cgi/MEC.GS\_015.git/tree |
| **Request** | /bwm/v1/bw\_allocations/ |
| Applicability |  |
|  | |
| **Pre-test Conditions** | MEC installed and working |
|  | |
| **Test Sequence** | Request list of all bandwidth allocation without specifying any parameters |
|  | |
| **Expected Response code and Message** | 400 Bad Request |
| **Expected Response Example Value** | {  "ProblemDetails": {  "type": "string",  "title": "string",  "status": 0,  "detail": "string",  "instance": "string"  }  } |

|  |  |
| --- | --- |
| Description | This test case retrieves information about the bandwidth allocation resources by providing “allocationId”. |
| **Identifier** | MEC-BWMNGT-BALLOC-ALLOCID-002 |
| **Test Purpose** | Check response received from server when “allocationId” is given |
| **Configuration** | MEC server where previously few applications allocated bandwidth |
| **References** | https://forge.etsi.org/rep/gitweb.cgi/MEC.GS\_015.git/tree |
| **Request** | /bwm/v1/bw\_allocations/{***ValidallocationId***} |
| Applicability |  |
|  | |
| **Pre-test Conditions** | MEC installed and working |
|  | |
| **Test Sequence** | Request list of all bandwidth allocation by specifying correct parameter i.e. “allocationId” |
|  | |
| **Expected Response code and Message** | 200 Success |
| **Expected Response Example Value** | {  "bwInfo": {  "timeStamp": {  "seconds": 0,  "nanoSeconds": 0  },  "appInsId": "string",  "requestType": "APPLICATION\_SPECIFIC\_BW\_ALLOCATION",  "sessionFilter": [  {  "sourceIp": "string",  "sourcePort": [  "string"  ],  "dstAddress": "string",  "dstPort": [  "string"  ],  "protocol": "string"  }  ],  "fixedBWPriority": "not defined in the present document",  "fixedAllocation": "string",  "allocationDirection": "00 = Downlink (towards the UE)"  }  } |

PARAMETER – ALLOCATION ID – 200

PARAMETER – ALLOCATION ID – 400

|  |  |
| --- | --- |
| Description | This test case retrieves information about the bandwidth allocation resources without providing “allocationId”. |
| **Identifier** | MEC-BWMNGT-BALLOC-ALLOCID-003 |
| **Test Purpose** | Check response received from server when allocationId is null |
| **Configuration** | MEC server where previously few applications allocated bandwidth |
| **References** | https://forge.etsi.org/rep/gitweb.cgi/MEC.GS\_015.git/tree |
| **Request** | /bwm/v1/bw\_allocations/{ } |
| Applicability |  |
|  | |
| **Pre-test Conditions** | MEC installed and working |
|  | |
| **Test Sequence** | Request list of all bandwidth allocation without specifying allocationId |
|  | |
| **Expected Response code and Message** | 400 Bad Request |
| **Expected Response Example Value** | {  "ProblemDetails": {  "type": "string",  "title": "string",  "status": 0,  "detail": "string",  "instance": "string"  }  } |

PARAMETER – ALLOCATION ID – 404

|  |  |
| --- | --- |
| Description | This test case retrieves information about the bandwidth allocation resources by providing invalid “allocationId”. |
| **Identifier** | MEC-BWMNGT-BALLOC-ALLOCID-004 |
| **Test Purpose** | Check response received from server when allocationId is invalid |
| **Configuration** | MEC server where previously few applications allocated bandwidth |
| **References** | https://forge.etsi.org/rep/gitweb.cgi/MEC.GS\_015.git/tree |
| **Request** | /bwm/v1/bw\_allocations/{**Inv*alidallocationId***} |
| Applicability |  |
|  | |
| **Pre-test Conditions** | MEC installed and working |
|  | |
| **Test Sequence** | Request list of all bandwidth allocation by specifying invalid allocationId |
|  | |
| **Expected Response code and Message** | 404 Not Found |
| **Expected Response Example Value** | {  "ProblemDetails": {  "type": "string",  "title": "string",  "status": 0,  "detail": "string",  "instance": "string"  }  } |

PARAMETER – ALLOCATION ID – 200

|  |  |
| --- | --- |
| Description | This test case retrieves information about the bandwidth allocation resources by providing “bwinfo” body. |
| **Identifier** | MEC-BWMNGT-BALLOC-ALLOCID-005 |
| **Test Purpose** | Check response received from server when “bwinfo” body is given |
| **Configuration** | MEC server where previously few applications allocated bandwidth |
| **References** | https://forge.etsi.org/rep/gitweb.cgi/MEC.GS\_015.git/tree |
| **Request** | /bwm/v1/bw\_allocations/ |
| Applicability |  |
|  | |
| **Pre-test Conditions** | MEC installed and working |
|  | |
| **Test Sequence** | Request list of all bandwidth allocation by sending the correct bwinfo body |
|  | |
| **Expected Response code and Message** | 200 Success |
| **Expected Response Example Value** | {  "bwInfo": {  "timeStamp": {  "seconds": 0,  "nanoSeconds": 0  },  "appInsId": "string",  "requestType": "APPLICATION\_SPECIFIC\_BW\_ALLOCATION",  "sessionFilter": [  {  "sourceIp": "string",  "sourcePort": [  "string"  ],  "dstAddress": "string",  "dstPort": [  "string"  ],  "protocol": "string"  }  ],  "fixedBWPriority": "not defined in the present document",  "fixedAllocation": "string",  "allocationDirection": "00 = Downlink (towards the UE)"  }  } |

PARAMETER – ALLOCATION ID – 400

|  |  |
| --- | --- |
| Description | This test case retrieves information about the bandwidth allocation resources without providing “bwinfo” body. |
| **Identifier** | MEC-BWMNGT-BALLOC-ALLOCID-006 |
| **Test Purpose** | Check response received from server when bwinfo body is null |
| **Configuration** | MEC server where previously few applications allocated bandwidth |
| **References** | https://forge.etsi.org/rep/gitweb.cgi/MEC.GS\_015.git/tree |
| **Request** | /bwm/v1/bw\_allocations/ |
| Applicability |  |
|  | |
| **Pre-test Conditions** | MEC installed and working |
|  | |
| **Test Sequence** | Request list of all bandwidth allocation without sending the body |
|  | |
| **Expected Response code and Message** | 400 Bad Request |
| **Expected Response Example Value** | {  "ProblemDetails": {  "type": "string",  "title": "string",  "status": 0,  "detail": "string",  "instance": "string"  }  } |

PARAMETER – ALLOCATION ID – 404

|  |  |
| --- | --- |
| Description | This test case retrieves information about the bandwidth allocation resources by providing invalid “bwinfo” body. |
| **Identifier** | MEC-BWMNGT-BALLOC-ALLOCID-007 |
| **Test Purpose** | Check response received from server when bwinfo body is invalid |
| **Configuration** | MEC server where previously few applications allocated bandwidth |
| **References** | https://forge.etsi.org/rep/gitweb.cgi/MEC.GS\_015.git/tree |
| **Request** | /bwm/v1/bw\_allocations/ |
| Applicability |  |
|  | |
| **Pre-test Conditions** | MEC installed and working |
|  | |
| **Test Sequence** | Request list of all bandwidth allocation by sending invalid bwinfo body |
|  | |
| **Expected Response code and Message** | 404 Not Found |
| **Expected Response Example Value** | {  "ProblemDetails": {  "type": "string",  "title": "string",  "status": 0,  "detail": "string",  "instance": "string"  }  } |