|  |  |
| --- | --- |
| Description | This test case retrieves information about a list of bandwidth Allocation resources without providing any arguments |
| Identifier | MEC-BWMGT-BALLOC-01 |
| 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"  }  } |

**NO ARGUMENTS**

## PARAMETER – APP\_INSTANCE\_ID – 400

|  |  |
| --- | --- |
| Description | This test case retrieves information about a list of bandwidth Allocation resources without providing “app\_instance\_id” |
| Identifier | MEC-BWMGT-BALLOC-02 |
| Test Purpose | Check response received from server when “app\_instance\_id” 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?app\_instance\_id={} |
| Applicability |  |
|  | |
| Pre-test Conditions | MEC installed and working |
|  | |
| Test Sequence | Request list of all bandwidth allocation without specifying the app\_instance\_id |
|  | |
| Expected Response code and Message | 400 Bad Request |
| Expected Response Example Value | {  "ProblemDetails": {  "type": "string",  "title": "string",  "status": 0,  "detail": "string",  "instance": "string"  }  } |

## PARAMETER – APP\_INSTANCE\_ID – 200

|  |  |
| --- | --- |
| Description | This test case retrieves information about a list of bandwidth Allocation resources by providing valid “app\_instance\_id” |
| Identifier | MEC-BWMGT-BALLOC-03 |
| Test Purpose | Check response received from server when “app\_instance\_id” is valid |
| 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?app\_instance\_id={***Validapp\_instance\_id***} |
| Applicability |  |
|  | |
| Pre-test Conditions | MEC installed and working |
|  | |
| Test Sequence | Request list of all bandwidth allocation by specifying valid app\_instance\_id |
|  | |
| 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 – APP\_INSTANCE\_ID – 404

|  |  |
| --- | --- |
| Description | This test case retrieves information about a list of bandwidth Allocation resources by providing invalid “app\_instance\_id” |
| Identifier | MEC-BWMGT-BALLOC-04 |
| Test Purpose | Check response received from server when “app\_instance\_id” 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?app\_instance\_id={***NonExistingapp\_instance\_id***} |
| Applicability |  |
|  | |
| Pre-test Conditions | MEC installed and working |
|  | |
| Test Sequence | Request list of all bandwidth allocation by specifying invalid app\_instance\_id |
|  | |
| Expected Response code and Message | 404 Not Found |
| Expected Response Example Value | {  "ProblemDetails": {  "type": "string",  "title": "string",  "status": 0,  "detail": "string",  "instance": "string"  }  } |

## PARAMETER – APP\_NAME – 400

|  |  |
| --- | --- |
| Description | This test case retrieves information about a list of bandwidth Allocation resources without providing “app\_name” |
| Identifier | MEC-BWMGT-BALLOC-05 |
| Test Purpose | Check response received from server when “app\_name” 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?app\_name={} |
| Applicability |  |
|  | |
| Pre-test Conditions | MEC installed and working |
|  | |
| Test Sequence | Request list of all bandwidth allocation without specifying the app\_name |
|  | |
| Expected Response code and Message | 400 Bad Request |
| Expected Response Example Value | {  "ProblemDetails": {  "type": "string",  "title": "string",  "status": 0,  "detail": "string",  "instance": "string"  }  } |

## PARAMETER – APP\_NAME – 200

|  |  |
| --- | --- |
| Description | This test case retrieves information about a list of bandwidth Allocation resources by providing valid “app\_name” |
| Identifier | MEC-BWMGT-BALLOC-06 |
| Test Purpose | Check response received from server when “app\_name” is valid |
| 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?app\_name={***Validapp\_name***} |
| Applicability |  |
|  | |
| Pre-test Conditions | MEC installed and working |
|  | |
| Test Sequence | Request list of all bandwidth allocation by specifying valid app\_name |
|  | |
| 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 – APP\_NAME – 404

|  |  |
| --- | --- |
| Description | This test case retrieves information about a list of bandwidth Allocation resources by providing invalid “app\_name” |
| Identifier  3e | MEC-BWMGT-BALLOC-07 |
| Test Purpose | Check response received from server when “app\_name” 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?app\_name={***Invalidapp\_name***} |
| Applicability |  |
|  | |
| Pre-test Conditions | MEC installed and working |
|  | |
| Test Sequence | Request list of all bandwidth allocation by specifying invalid app\_name |
|  | |
| Expected Response code and Message | 404 Not Found |
| Expected Response Example Value | {  "ProblemDetails": {  "type": "string",  "title": "string",  "status": 0,  "detail": "string",  "instance": "string"  }  } |

## PARAMETER – SESSION\_ID – 400

|  |  |
| --- | --- |
| Description | This test case retrieves information about a list of bandwidth Allocation resources without providing “session\_id” |
| Identifier | MEC-BWMGT-BALLOC-08 |
| Test Purpose | Check response received from server when “session\_id” 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?session\_id={} |
| Applicability |  |
|  | |
| Pre-test Conditions | MEC installed and working |
|  | |
| Test Sequence | Request list of all bandwidth allocation without specifying the session\_id |
|  | |
| Expected Response code and Message | 400 Bad Request |
| Expected Response Example Value | {  "ProblemDetails": {  "type": "string",  "title": "string",  "status": 0,  "detail": "string",  "instance": "string"  }  } |

## PARAMETER – SESSION\_ID – 200

|  |  |
| --- | --- |
| Description | This test case retrieves information about a list of bandwidth Allocation resources by providing valid “session\_id” |
| Identifier | MEC-BWMGT-BALLOC-09 |
| Test Purpose | Check response received from server when “session\_id” is valid |
| 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? session\_id ={***Validapp\_name***} |
| Applicability |  |
|  | |
| Pre-test Conditions | MEC installed and working |
|  | |
| Test Sequence | Request list of all bandwidth allocation by specifying valid session\_id |
|  | |
| 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 – SESSION\_ID – 404

|  |  |
| --- | --- |
| Description | This test case retrieves information about a list of bandwidth Allocation resources by providing invalid “session\_id” |
| Identifier | MEC-BWMGT-BALLOC-010 |
| Test Purpose | Check response received from server when “session\_id” 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? session\_id ={***Invalidapp\_name***} |
| Applicability |  |
|  | |
| Pre-test Conditions | MEC installed and working |
|  | |
| Test Sequence | Request list of all bandwidth allocation by specifying invalid session\_id |
|  | |
| Expected Response code and Message | 404 Not Found |
| Expected Response Example Value | {  "ProblemDetails": {  "type": "string",  "title": "string",  "status": 0,  "detail": "string",  "instance": "string"  }  } |