TMF633 Service Service Catalog - Service Catalog

**Description:** This service is used to show the currently available services that can be ordered. The source of these services is from the Service Specification where the specification has also been added as a candidate(this step is to control the visibility of specifications).

**URL:** /tmf-api/serviceCatalog/v5/serviceCatalog

**Supported methods:** GET List, GET by ID, POST, PATCH, DELETE

### Fields:

## Service Catalog

|  |  |
| --- | --- |
| **Field name** | **Description** |
| category | A ServiceCategoryRef. List of service categories associated with this catalog. |
| description | A String. Description of this catalog. |
| href | A String. Hyperlink reference. |
| id | A String. Unique identifier. |
| lastUpdate | A DateTime. Date and time of the last update. |
| lifecycleStatus | A String. Used to indicate the current lifecycle status. |
| relatedParty | A RelatedParty. List of parties or party roles related to this category. |
| validFor | A TimePeriod. |
| version | A String. ServiceCatalog version. |

## Related Party

|  |  |
| --- | --- |
| **Field name** | **Description** |
| href | A String. Hyperlink reference. |
| id | A String. Identifier of the referred entity. |
| name | A String. Name of the referred entity. |
| role | A String. Role played by the related party. |
| @referredType | A String. The actual type of the target instance when needed for disambiguation. |

## Service Category Ref

|  |  |
| --- | --- |
| **Field name** | **Description** |
| href | A String. Hyperlink reference. |
| id | A String. Identifier of the referred entity. |
| name | A String. Name of the referred entity. |
| version | A String. Category version. |
| @referredType | A String. The actual type of the target |

## GET List

### Response

{  
 "id": "3830",  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/serviceCatalog/3830",  
 "name": "IOT Catalog",  
 "description": "This service catalog describes IOT services that address the wholesale business segment.",  
 "version": "1.0",  
 "validFor": {  
 "startDateTime": "2017-08-29T00:00",  
 "endDateTime": "2021-03-25T00:00"  
 },  
 "lastUpdate": "2020-08-25T00:00",  
 "lifecycleStatus": "Active",  
 "relatedParty": [  
 {  
 "href": "https:/host:port/tmf-api/partyRoleManagement/v4/partyRole/4079",  
 "id": "4079",  
 "name": "Broadly Broad Ltd",  
 "role": "vendor",  
 "@referredType": "PartyRole",  
 "@type": "RelatedParty",  
 "@schemaLocation": "https://mycsp.com:8080/tmf-api/schema/EngagedParty/RelatedParty.schema.json ",  
 "@baseType": ""  
 }  
 ],  
 "category": [  
 {  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/category/7752",  
 "id": "7752",  
 "name": "IoT",  
 "@referredType": "ServiceCategory",  
 "@type": "ServiceCategoryRef",  
 "@schemaLocation": "https://mycsp.com:8080/tmf-api/schema/Service/ServiceCategoryRef.schema.json ",  
 "@baseType": ""  
 }  
 ],  
 "@type": "ServiceCatalog",  
 "@schemaLocation": "https://mycsp.com:8080/tmf-api/schema/Service/ServiceCatalog.schema.json ",  
 "@baseType": "Catalog"  
}

## GET by id

### Response

[  
 {  
 "\_id": "64dda80d66f7abbdd6132464",  
 "basetype": "Catalog",  
 "category": [  
 {  
 "basetype": "",  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/category/7752",  
 "id": "7752",  
 "name": "IoT",  
 "referredtype": "ServiceCategory",  
 "schemalocation": "https://mycsp.com:8080/tmf-api/schema/Service/ServiceCategoryRef.schema.json ",  
 "type": "ServiceCategoryRef",  
 "version": ""  
 }  
 ],  
 "description": "This service catalog describes IOT services that address the wholesale business segment.",  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/serviceCatalog/3830",  
 "id": "3830",  
 "lastupdate": {},  
 "lifecyclestatus": "Active",  
 "name": "IOT Catalog",  
 "relatedparty": [  
 {  
 "basetype": "",  
 "href": "https:/host:port/tmf-api/partyRoleManagement/v4/partyRole/4079",  
 "id": "4079",  
 "name": "Broadly Broad Ltd",  
 "referredtype": "PartyRole",  
 "role": "vendor",  
 "schemalocation": "https://mycsp.com:8080/tmf-api/schema/EngagedParty/RelatedParty.schema.json ",  
 "type": "RelatedParty"  
 }  
 ],  
 "schemalocation": "https://mycsp.com:8080/tmf-api/schema/Service/ServiceCatalog.schema.json ",  
 "type": "ServiceCatalog",  
 "validfor": {  
 "endDateTime": "0001-01-01T00:00:00Z",  
 "startDateTime": "0001-01-01T00:00:00Z"  
 },  
 "version": "1.0"  
 }  
]

## POST

### Request

{  
 "id": "3830",  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/serviceCatalog/3830",  
 "name": "IOT Catalog",  
 "description": "This service catalog describes IOT services that address the wholesale business segment.",  
 "version": "1.0",  
 "validFor": {  
 "startDateTime": "2017-08-29T00:00",  
 "endDateTime": "2021-03-25T00:00"  
 },  
 "lastUpdate": "2020-08-25T00:00",  
 "lifecycleStatus": "Active",  
 "relatedParty": [  
 {  
 "href": "https:/host:port/tmf-api/partyRoleManagement/v4/partyRole/4079",  
 "id": "4079",  
 "name": "Broadly Broad Ltd",  
 "role": "vendor",  
 "@referredType": "PartyRole",  
 "@type": "RelatedParty",  
 "@schemaLocation": "https://mycsp.com:8080/tmf-api/schema/EngagedParty/RelatedParty.schema.json ",  
 "@baseType": ""  
 }  
 ],  
 "category": [  
 {  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/category/7752",  
 "id": "7752",  
 "name": "IoT",  
 "@referredType": "ServiceCategory",  
 "@type": "ServiceCategoryRef",  
 "@schemaLocation": "https://mycsp.com:8080/tmf-api/schema/Service/ServiceCategoryRef.schema.json ",  
 "@baseType": ""  
 }  
 ],  
 "@type": "ServiceCatalog",  
 "@schemaLocation": "https://mycsp.com:8080/tmf-api/schema/Service/ServiceCatalog.schema.json ",  
 "@baseType": "Catalog"  
}

## PATCH

### Request

{  
 "id": "3830",  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/serviceCatalog/3830",  
 "name": "IOT Catalog",  
 "description": "This service catalog describes IOT services that address the wholesale business segment.",  
 "version": "1.0",  
 "validFor": {  
 "startDateTime": "2017-08-29T00:00",  
 "endDateTime": "2021-03-25T00:00"  
 },  
 "lastUpdate": "2020-08-25T00:00",  
 "lifecycleStatus": "Active",  
 "relatedParty": [  
 {  
 "href": "https:/host:port/tmf-api/partyRoleManagement/v4/partyRole/4079",  
 "id": "4079",  
 "name": "Broadly Broad Ltd",  
 "role": "vendor",  
 "@referredType": "PartyRole",  
 "@type": "RelatedParty",  
 "@schemaLocation": "https://mycsp.com:8080/tmf-api/schema/EngagedParty/RelatedParty.schema.json ",  
 "@baseType": ""  
 }  
 ],  
 "category": [  
 {  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/category/7752",  
 "id": "7752",  
 "name": "IoT",  
 "@referredType": "ServiceCategory",  
 "@type": "ServiceCategoryRef",  
 "@schemaLocation": "https://mycsp.com:8080/tmf-api/schema/Service/ServiceCategoryRef.schema.json ",  
 "@baseType": ""  
 }  
 ],  
 "@type": "ServiceCatalog",  
 "@schemaLocation": "https://mycsp.com:8080/tmf-api/schema/Service/ServiceCatalog.schema.json ",  
 "@baseType": "Catalog"  
}

TMF633 Service Service Catalog - Service Category

**Description:**

This service is used to define categories that can be applied to Services.

**URL:** /tmf-api/serviceCatalog/v5/serviceCategory

**Supported methods:** GET List, GET by ID, POST, PATCH, DELETE

### Fields:

## Service Category

|  |  |
| --- | --- |
| **Field name** | **Description** |
| category | A ServiceCategoryRef. List of child categories in the tree for in this category. |
| description | A String. Description of the category. |
| href | A String. Hyperlink reference. |
| id | A String. Unique identifier. |
| isRoot | A Boolean. If true, this Boolean indicates that the category is a root of categories. |
| lastUpdate | A DateTime. Date and time of the last update. |
| lifecycleStatus | A String. Used to indicate the current lifecycle status. |
| parentId | A String. Unique identifier of the parent category. |
| serviceCandidate | A ServiceCandidateRef. List of service candidates associated with this category. |
| validFor | A TimePeriod. |
| version | A String. ServiceCategory version. |

## Service Candidate Ref

|  |  |
| --- | --- |
| **Field name** | **Description** |
| href | A String. Hyperlink reference. |
| id | A String. |
| name | A String. |
| version | A String. Version of the service candidate. |
| @referredType | A String. |

## Service Category Ref

|  |  |
| --- | --- |
| **Field name** | **Description** |
| href | A String. Hyperlink reference. |
| id | A String. Identifier of the referred entity. |
| name | A String. Name of the referred entity. |
| version | A String. Category version. |
| @referredType | A String. The actual type of the target instance when needed for disambiguation. |

## GET List

### Response

[  
 {  
 "\_id": "64d33c17b4efcd40d0aeba58",  
 "category": [  
 {  
 "basetype": "",  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/serviceCategory/5980",  
 "id": "5980",  
 "name": "AzureCloudApp",  
 "referredtype": "ServiceCategory",  
 "schemalocation": "https://mycsp.com:8080/tmf-api/schema/Service/ServiceCategoryRef.schema.json ",  
 "type": "ServiceCategoryRef",  
 "version": "1.0"  
 }  
 ],  
 "description": "Patch API Test",  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/serviceCategory/1708",  
 "id": "1708",  
 "isroot": true,  
 "lastupdate": {},  
 "lifecyclestatus": "Active",  
 "parentid": "",  
 "servicecandidate": [  
 {  
 "basetype": "",  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/serviceCandidate/5850",  
 "id": "5850",  
 "name": "Azure Kubernetes Service",  
 "referredtype": "ServiceCandidate",  
 "schemalocation": "https://mycsp.com:8080/tmf-api/schema/Service/ServiceCandidateRef.schema.json ",  
 "type": "ServiceCandidateRef",  
 "version": "1.0"  
 }  
 ],  
 "validfor": {  
 "endDateTime": "0001-01-01T00:00:00Z",  
 "startDateTime": "0001-01-01T00:00:00Z"  
 },  
 "version": "1.0"  
 }  
]

## GET by id

### Response

[  
 {  
 "\_id": "64d33c17b4efcd40d0aeba58",  
 "category": [  
 {  
 "basetype": "",  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/serviceCategory/5980",  
 "id": "5980",  
 "name": "AzureCloudApp",  
 "referredtype": "ServiceCategory",  
 "schemalocation": "https://mycsp.com:8080/tmf-api/schema/Service/ServiceCategoryRef.schema.json ",  
 "type": "ServiceCategoryRef",  
 "version": "1.0"  
 }  
 ],  
 "description": "Patch API Test",  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/serviceCategory/1708",  
 "id": "1708",  
 "isroot": true,  
 "lastupdate": {},  
 "lifecyclestatus": "Active",  
 "parentid": "",  
 "servicecandidate": [  
 {  
 "basetype": "",  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/serviceCandidate/5850",  
 "id": "5850",  
 "name": "Azure Kubernetes Service",  
 "referredtype": "ServiceCandidate",  
 "schemalocation": "https://mycsp.com:8080/tmf-api/schema/Service/ServiceCandidateRef.schema.json ",  
 "type": "ServiceCandidateRef",  
 "version": "1.0"  
 }  
 ],  
 "validfor": {  
 "endDateTime": "0001-01-01T00:00:00Z",  
 "startDateTime": "0001-01-01T00:00:00Z"  
 },  
 "version": "1.0"  
 }  
]

## POST

### Request

{  
 "id": "1708",  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/serviceCategory/1708",  
 "name": "Cloud Services",  
 "description": "A category to hold all available cloud service offers",  
 "version": "1.0",  
 "validFor": {  
 "startDateTime": "2017-08-24T00:00",  
 "endDateTime": "2021-03-25T00:00"  
 },  
 "lifecycleStatus": "Active",  
 "lastUpdate": "2020-08-25T00:00",  
 "isRoot": true,  
 "serviceCandidate": [  
 {  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/serviceCandidate/5850",  
 "id": "5850",  
 "name": "Azure Kubernetes Service",  
 "version": "1.0",  
 "@referredType": "ServiceCandidate",  
 "@type": "ServiceCandidateRef",  
 "@schemaLocation": "https://mycsp.com:8080/tmf-api/schema/Service/ServiceCandidateRef.schema.json ",  
 "@baseType": ""  
 }  
 ],  
 "category": [  
 {  
 "id": "5980",  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/serviceCategory/5980",  
 "version": "1.0",  
 "name": "AzureCloudApp",  
 "@referredType": "ServiceCategory",  
 "@type": "ServiceCategoryRef",  
 "@schemaLocation": "https://mycsp.com:8080/tmf-api/schema/Service/ServiceCategoryRef.schema.json ",  
 "@baseType": ""  
 }  
 ],  
 "@type": "ServiceCategory",  
 "@schemalLocation": "https://mycsp.com:8080/tmf-api/schema/Service/ServiceCategory.schema.json",  
 "@baseType": "Category"  
}

## PATCH

### Request

{  
 "id": "1708",  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/serviceCategory/1708",  
 "name": "Patch API Test",  
 "description": "Patch API Test",  
 "version": "1.0",  
 "validFor": {  
 "startDateTime": "2017-08-24T00:00",  
 "endDateTime": "2021-03-25T00:00"  
 },  
 "lifecycleStatus": "Active",  
 "lastUpdate": "2020-08-25T00:00",  
 "isRoot": true,  
 "serviceCandidate": [  
 {  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/serviceCandidate/5850",  
 "id": "5850",  
 "name": "Azure Kubernetes Service",  
 "version": "1.0",  
 "@referredType": "ServiceCandidate",  
 "@type": "ServiceCandidateRef",  
 "@schemaLocation": "https://mycsp.com:8080/tmf-api/schema/Service/ServiceCandidateRef.schema.json ",  
 "@baseType": ""  
 }  
 ],  
 "category": [  
 {  
 "id": "5980",  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/serviceCategory/5980",  
 "version": "1.0",  
 "name": "AzureCloudApp",  
 "@referredType": "ServiceCategory",  
 "@type": "ServiceCategoryRef",  
 "@schemaLocation": "https://mycsp.com:8080/tmf-api/schema/Service/ServiceCategoryRef.schema.json ",  
 "@baseType": ""  
 }  
 ],  
 "@type": "ServiceCategory",  
 "@schemalLocation": "https://mycsp.com:8080/tmf-api/schema/Service/ServiceCategory.schema.json",  
 "@baseType": "Category"  
}

TMF633 Service Service Catalog - Service Candidate

**\*Description:\***

This service indirectly controls the catalog. By adding a specification as candidate it makes the service available in the catalog.

**\*URL:\*** /tmf-api/serviceCatalog/v5/serviceCandidate

**\*Supported methods:\*** GET List, GET by ID, POST, PATCH, DELETE

### Fields:

## Service Candidate

|  |  |
| --- | --- |
| **Field name** | **Description** |
| category | A ServiceCategoryRef. List of categories for this candidate. |
| description | A String. Description of this REST resource. |
| href | A String. Hyperlink reference. |
| id | A String. Unique identifier. |
| lastUpdate | A DateTime. Date and time of the last update of this REST resource. |
| validFor | A TimePeriod. |
| version | A String. The version of service candidate. |

## Service Category Ref

|  |  |
| --- | --- |
| **Field name** | **Description** |
| href | A String. Hyperlink reference. |
| id | A String. Identifier of the referred entity. |
| name | A String. Name of the referred entity. |
| version | A String. Category version. |
| @referredType | A String. The actual type of the target instance when needed for disambiguation. |

## GET List

### Response

[  
 {  
 "\_id": "64d205b5ba95cd2745a1dcb1",  
 "category": [  
 {  
 "basetype": "",  
 "href": "",  
 "id": "",  
 "name": "test",  
 "referredtype": "",  
 "schemalocation": "",  
 "type": "",  
 "version": ""  
 }  
 ],  
 "description": "",  
 "href": "",  
 "id": "2",  
 "lastupdate": {},  
 "servicespecification": {  
 "href": "",  
 "id": "",  
 "invariantuuid": "",  
 "name": "",  
 "referredtype": "",  
 "schemalocation": "",  
 "toscamodelurl": "",  
 "type": "",  
 "version": ""  
 },  
 "validfor": {  
 "endDateTime": "0001-01-01T00:00:00Z",  
 "startDateTime": "0001-01-01T00:00:00Z"  
 },  
 "version": ""  
 },  
 {  
 "\_id": "64d205fcba95cd2745a1dcb2",  
 "category": [  
 {  
 "basetype": "",  
 "href": "",  
 "id": "",  
 "name": "test",  
 "referredtype": "",  
 "schemalocation": "",  
 "type": "",  
 "version": ""  
 }  
 ],  
 "description": "",  
 "href": "",  
 "id": "2",  
 "lastupdate": {},  
 "servicespecification": {  
 "href": "",  
 "id": "",  
 "invariantuuid": "",  
 "name": "",  
 "referredtype": "",  
 "schemalocation": "",  
 "toscamodelurl": "",  
 "type": "",  
 "version": ""  
 },  
 "validfor": {  
 "endDateTime": "0001-01-01T00:00:00Z",  
 "startDateTime": "0001-01-01T00:00:00Z"  
 },  
 "version": ""  
 },  
 {  
 "\_id": "64d205feba95cd2745a1dcb3",  
 "category": [  
 {  
 "basetype": "",  
 "href": "",  
 "id": "",  
 "name": "test",  
 "referredtype": "",  
 "schemalocation": "",  
 "type": "",  
 "version": ""  
 }  
 ],  
 "description": "",  
 "href": "",  
 "id": "2",  
 "lastupdate": {},  
 "servicespecification": {  
 "href": "",  
 "id": "",  
 "invariantuuid": "",  
 "name": "",  
 "referredtype": "",  
 "schemalocation": "",  
 "toscamodelurl": "",  
 "type": "",  
 "version": ""  
 },  
 "validfor": {  
 "endDateTime": "0001-01-01T00:00:00Z",  
 "startDateTime": "0001-01-01T00:00:00Z"  
 },  
 "version": ""  
 },  
 {  
 "\_id": "64d20600ba95cd2745a1dcb4",  
 "category": [  
 {  
 "basetype": "",  
 "href": "",  
 "id": "",  
 "name": "test",  
 "referredtype": "",  
 "schemalocation": "",  
 "type": "",  
 "version": ""  
 }  
 ],  
 "description": "",  
 "href": "",  
 "id": "2",  
 "lastupdate": {},  
 "servicespecification": {  
 "href": "",  
 "id": "",  
 "invariantuuid": "",  
 "name": "",  
 "referredtype": "",  
 "schemalocation": "",  
 "toscamodelurl": "",  
 "type": "",  
 "version": ""  
 },  
 "validfor": {  
 "endDateTime": "0001-01-01T00:00:00Z",  
 "startDateTime": "0001-01-01T00:00:00Z"  
 },  
 "version": ""  
 },  
 {  
 "\_id": "64d310135e14fde3aeab707f",  
 "category": [  
 {  
 "basetype": "",  
 "href": "",  
 "id": "",  
 "name": "test",  
 "referredtype": "",  
 "schemalocation": "",  
 "type": "",  
 "version": ""  
 }  
 ],  
 "description": "",  
 "href": "",  
 "id": "2",  
 "lastupdate": {},  
 "servicespecification": {  
 "href": "",  
 "id": "",  
 "invariantuuid": "",  
 "name": "",  
 "referredtype": "",  
 "schemalocation": "",  
 "toscamodelurl": "",  
 "type": "",  
 "version": ""  
 },  
 "validfor": {  
 "endDateTime": "0001-01-01T00:00:00Z",  
 "startDateTime": "0001-01-01T00:00:00Z"  
 },  
 "version": ""  
 },  
 {  
 "\_id": "64d34024b4efcd40d0aeba59",  
 "category": [  
 {  
 "basetype": "",  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/serviceCategory/5980",  
 "id": "5980",  
 "name": "TV",  
 "referredtype": "ServiceCategory",  
 "schemalocation": "https://mycsp.com:8080/tmf-api/schema/Service/ServiceCategoryRef.schema.json ",  
 "type": "ServiceCategoryRef",  
 "version": "3.2"  
 }  
 ],  
 "description": "PATCH Test Worked",  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/serviceCandidate/4994",  
 "id": "4994",  
 "lastupdate": {},  
 "servicespecification": {  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/serviceSpecification/9600",  
 "id": "9600",  
 "invariantuuid": "",  
 "name": "CFSS\_TV",  
 "referredtype": "CustomerFacingServiceSpecification",  
 "schemalocation": "https://mycsp.com:8080/tmf-api/schema/Service/ServiceSpecificationRef.schema.json ",  
 "toscamodelurl": "",  
 "type": "ServiceSpecificationRef",  
 "version": "2.1"  
 },  
 "validfor": {  
 "endDateTime": "0001-01-01T00:00:00Z",  
 "startDateTime": "0001-01-01T00:00:00Z"  
 },  
 "version": "2.1"  
 }  
]

## GET by id

### Response

[  
 {  
 "\_id": "64d205b5ba95cd2745a1dcb1",  
 "category": [  
 {  
 "basetype": "",  
 "href": "",  
 "id": "",  
 "name": "test",  
 "referredtype": "",  
 "schemalocation": "",  
 "type": "",  
 "version": ""  
 }  
 ],  
 "description": "",  
 "href": "",  
 "id": "2",  
 "lastupdate": {},  
 "servicespecification": {  
 "href": "",  
 "id": "",  
 "invariantuuid": "",  
 "name": "",  
 "referredtype": "",  
 "schemalocation": "",  
 "toscamodelurl": "",  
 "type": "",  
 "version": ""  
 },  
 "validfor": {  
 "endDateTime": "0001-01-01T00:00:00Z",  
 "startDateTime": "0001-01-01T00:00:00Z"  
 },  
 "version": ""  
 },  
 {  
 "\_id": "64d205fcba95cd2745a1dcb2",  
 "category": [  
 {  
 "basetype": "",  
 "href": "",  
 "id": "",  
 "name": "test",  
 "referredtype": "",  
 "schemalocation": "",  
 "type": "",  
 "version": ""  
 }  
 ],  
 "description": "",  
 "href": "",  
 "id": "2",  
 "lastupdate": {},  
 "servicespecification": {  
 "href": "",  
 "id": "",  
 "invariantuuid": "",  
 "name": "",  
 "referredtype": "",  
 "schemalocation": "",  
 "toscamodelurl": "",  
 "type": "",  
 "version": ""  
 },  
 "validfor": {  
 "endDateTime": "0001-01-01T00:00:00Z",  
 "startDateTime": "0001-01-01T00:00:00Z"  
 },  
 "version": ""  
 },  
 {  
 "\_id": "64d205feba95cd2745a1dcb3",  
 "category": [  
 {  
 "basetype": "",  
 "href": "",  
 "id": "",  
 "name": "test",  
 "referredtype": "",  
 "schemalocation": "",  
 "type": "",  
 "version": ""  
 }  
 ],  
 "description": "",  
 "href": "",  
 "id": "2",  
 "lastupdate": {},  
 "servicespecification": {  
 "href": "",  
 "id": "",  
 "invariantuuid": "",  
 "name": "",  
 "referredtype": "",  
 "schemalocation": "",  
 "toscamodelurl": "",  
 "type": "",  
 "version": ""  
 },  
 "validfor": {  
 "endDateTime": "0001-01-01T00:00:00Z",  
 "startDateTime": "0001-01-01T00:00:00Z"  
 },  
 "version": ""  
 },  
 {  
 "\_id": "64d20600ba95cd2745a1dcb4",  
 "category": [  
 {  
 "basetype": "",  
 "href": "",  
 "id": "",  
 "name": "test",  
 "referredtype": "",  
 "schemalocation": "",  
 "type": "",  
 "version": ""  
 }  
 ],  
 "description": "",  
 "href": "",  
 "id": "2",  
 "lastupdate": {},  
 "servicespecification": {  
 "href": "",  
 "id": "",  
 "invariantuuid": "",  
 "name": "",  
 "referredtype": "",  
 "schemalocation": "",  
 "toscamodelurl": "",  
 "type": "",  
 "version": ""  
 },  
 "validfor": {  
 "endDateTime": "0001-01-01T00:00:00Z",  
 "startDateTime": "0001-01-01T00:00:00Z"  
 },  
 "version": ""  
 },  
 {  
 "\_id": "64d310135e14fde3aeab707f",  
 "category": [  
 {  
 "basetype": "",  
 "href": "",  
 "id": "",  
 "name": "test",  
 "referredtype": "",  
 "schemalocation": "",  
 "type": "",  
 "version": ""  
 }  
 ],  
 "description": "",  
 "href": "",  
 "id": "2",  
 "lastupdate": {},  
 "servicespecification": {  
 "href": "",  
 "id": "",  
 "invariantuuid": "",  
 "name": "",  
 "referredtype": "",  
 "schemalocation": "",  
 "toscamodelurl": "",  
 "type": "",  
 "version": ""  
 },  
 "validfor": {  
 "endDateTime": "0001-01-01T00:00:00Z",  
 "startDateTime": "0001-01-01T00:00:00Z"  
 },  
 "version": ""  
 },  
 {  
 "\_id": "64d34024b4efcd40d0aeba59",  
 "category": [  
 {  
 "basetype": "",  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/serviceCategory/5980",  
 "id": "5980",  
 "name": "TV",  
 "referredtype": "ServiceCategory",  
 "schemalocation": "https://mycsp.com:8080/tmf-api/schema/Service/ServiceCategoryRef.schema.json ",  
 "type": "ServiceCategoryRef",  
 "version": "3.2"  
 }  
 ],  
 "description": "PATCH Test Worked",  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/serviceCandidate/4994",  
 "id": "4994",  
 "lastupdate": {},  
 "servicespecification": {  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/serviceSpecification/9600",  
 "id": "9600",  
 "invariantuuid": "",  
 "name": "CFSS\_TV",  
 "referredtype": "CustomerFacingServiceSpecification",  
 "schemalocation": "https://mycsp.com:8080/tmf-api/schema/Service/ServiceSpecificationRef.schema.json ",  
 "toscamodelurl": "",  
 "type": "ServiceSpecificationRef",  
 "version": "2.1"  
 },  
 "validfor": {  
 "endDateTime": "0001-01-01T00:00:00Z",  
 "startDateTime": "0001-01-01T00:00:00Z"  
 },  
 "version": "2.1"  
 }  
]

## POST

### Request

{  
 "id": "4994",  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/serviceCandidate/4994",  
 "name": "TVServiceCandidate",  
 "description": "This service candidate allows provision of TV service",  
 "version": "2.1",  
 "validFor": {  
 "startDateTime": "2017-08-23T00:00",  
 "endDateTime": "2021-03-25T00:00"  
 },  
 "lastUpdate": "2020-08-16T00:00",  
 "lifecycleStatus": "Active",  
 "category": [  
 {  
 "id": "5980",  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/serviceCategory/5980",  
 "version": "3.2",  
 "name": "TV",  
 "@referredType": "ServiceCategory",  
 "@type": "ServiceCategoryRef",  
 "@schemaLocation": "https://mycsp.com:8080/tmf-api/schema/Service/ServiceCategoryRef.schema.json ",  
 "@baseType": ""  
 }  
 ],  
 "serviceSpecification": {  
 "id": "9600",  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/serviceSpecification/9600",  
 "version": "2.1",  
 "name": "CFSS\_TV",  
 "@referredType": "CustomerFacingServiceSpecification",  
 "@schemaLocation": "https://mycsp.com:8080/tmf-api/schema/Service/ServiceSpecificationRef.schema.json ",  
 "@baseType": "",  
 "@type": "ServiceSpecificationRef"  
 },  
 "@type": "ServiceCandidate",  
 "@schemaLocation": "https://mycsp.com:8080/tmf-api/schema/Service/ServiceCandidate.schema.json ",  
 "@baseType": ""  
}

## PATCH

### Request

{  
 "id": "4994",  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/serviceCandidate/4994",  
 "name": "PATCH Test Worked",  
 "description": "PATCH Test Worked",  
 "version": "2.1",  
 "validFor": {  
 "startDateTime": "2017-08-23T00:00",  
 "endDateTime": "2021-03-25T00:00"  
 },  
 "lastUpdate": "2020-08-16T00:00",  
 "lifecycleStatus": "Active",  
 "category": [  
 {  
 "id": "5980",  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/serviceCategory/5980",  
 "version": "3.2",  
 "name": "TV",  
 "@referredType": "ServiceCategory",  
 "@type": "ServiceCategoryRef",  
 "@schemaLocation": "https://mycsp.com:8080/tmf-api/schema/Service/ServiceCategoryRef.schema.json ",  
 "@baseType": ""  
 }  
 ],  
 "serviceSpecification": {  
 "id": "9600",  
 "href": "https://mycsp.com:8080/tmf-api/serviceCatalogManagement/v4/serviceSpecification/9600",  
 "version": "2.1",  
 "name": "CFSS\_TV",  
 "@referredType": "CustomerFacingServiceSpecification",  
 "@schemaLocation": "https://mycsp.com:8080/tmf-api/schema/Service/ServiceSpecificationRef.schema.json ",  
 "@baseType": "",  
 "@type": "ServiceSpecificationRef"  
 },  
 "@type": "ServiceCandidate",  
 "@schemaLocation": "https://mycsp.com:8080/tmf-api/schema/Service/ServiceCandidate.schema.json ",  
 "@baseType": ""  
}