**Mandatory and Non Mandatory Attributes**

The following tables provides the list of mandatory and non mandatory attributes when creating a ServiceOrder, including any possible rule conditions and applicable default values. Notice that it is up to an implementer to add additional mandatory attributes.

POST request should be used without specifying following attributes (these attributes will be defined by server side):

* id
* href
* state
* orderDate
* completionDate (once service order completed)
* expectedCompletionDate
* startDate
* orderItem.state

|  |  |
| --- | --- |
| Mandatory Attributes | Rule |
| orderItem | At least one orderItem must be provided |
| orderItem.id |  |
| orderItem.action |  |
| orderItem.service |  |

|  |  |  |
| --- | --- | --- |
| Non Mandatory Attributes | Default Value | Rule |
| category |  |  |
| completionDate |  |  |
| description |  |  |
| expectedCompletionDate |  |  |
| externalId |  |  |
| note |  |  |
| notificationContact |  |  |
| orderDate |  |  |
| orderItem |  |  |
| orderRelationship |  |  |
| priority | 4 (lowest) |  |
| relatedParty |  |  |
| requestedCompletionDate |  |  |
| requestedStartDate |  |  |
| startDate |  |  |
| state |  |  |

**Additional Rules**

The following table provides mandatory fields in sub-resources or relationships when creating a ServiceOrder resource.

|  |  |
| --- | --- |
| Mandatory Sub Attributes | Rule |
| relatedParty | name, role |

The following table indicates non-mandatory sub-attributes when creating a service order.

|  |  |  |
| --- | --- | --- |
| Non Mandatory Sub Attributes | Default Value | Rule |
| orderItem.ServiceSpecification |  | The serviceSpecification may not be useful when doing a “modify” or “delete” on an owned Service |
| orderItem.place |  |  |
| orderItem.appointment |  |  |
| orderItem.orderItemRelationship |  |  |
| orderRelationship |  |  |
| ServiceOrderItem.Service.serviceState | active |  |

Following table describes additional rules to conditional mandatory attributes

|  |  |
| --- | --- |
|  |  |
| if OrderRelationship is provided | type and (id AND/OR href) are required |
| if AppointmentRef is provided | (id AND/OR href) is required |
| if OrderItemRelationship is provided | type and id are required |
| if RelatedPartyRef is provided | (id AND/OR href AND/OR name) and role are required |
| if Place is provided | (id AND/OR href) and role are required |
| if ServiceSpecificationRef is provided | (id AND/OR href) is required |
| if Note is provided | date, author and text are required |
| if ServiceRelationship is provided | type and service (ref or value) are required |
| if ServiceCharacteristic is provided | name, valueType and value are required |
| ServiceOrderItem.Service.id AND/OR  ServiceOrderItem.Service.href | Mandatory if serviceOrderItem.action different from ‘add’ |

The following pre-conditions apply for this operation.

|  |
| --- |
| Pre-conditions |
| When creating a service order (post) an order item should not have the state field valorized |