**1 Description of the Use Case**

**1.1 Name of Use Case**

|  |  |  |
| --- | --- | --- |
| ***Use Case Identification*** | | |
| ***ID*** | ***Domain(s)/ Zone(s)*** | ***Name of Use Case*** |
| OpenNES\_COM04 | Station | Maintenance |

**1.2 Version Management**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ***Version Management*** | | | | |
| ***Version No.*** | ***Date*** | ***Name of Author(s)*** | ***Changes*** | ***Approval Status*** |
| 0.1 | 03.03.2015 | Armin Veichtlbauer | Initial version |  |
| 0.2 | 18.03.2015 | Armin Veichtlbauer | Description complemented |  |
| 0.3 | 25.03.2015 | Armin Veichtlbauer, Oliver Langthaler | Content encryption added, sequence diagram added, name changed |  |

**1.3 Scope and Objectives of Use Case**

|  |  |
| --- | --- |
| ***Scope and Objectives of Use Case*** | |
| ***Scope*** | Respective administrators of all resources in the OpenNES system |
| ***Objective(s)*** | Configure resources in the OpenNES system |
| ***Related business case(s)*** | Optimize device settings in order to meet quality requirements of used functionalities |

**1.4 Narrative of Use Case**

|  |
| --- |
| ***Narrative of Use Case*** |
| ***Short description*** |
| Each resource in the OpenNES context has to be administrated and configured by a respective administrator (person with all necessary rights). |
| ***Complete description*** |
| Each resource (e.g., a user interface device, an active networking component, an appliance, a back-end system, a controller, a database, a function, a service, etc.) is accessed by a named administrator user, who has all necessary operational access rights for that purpose. The administrator is a physical person (or maybe also several physical persons).  The administrator can make settings to the resources differing from the vendor’s default settings in order to meet quality requirements on the respective resource, e.g., to optimize energy consumption or to set higher confidentiality levels. Also, the administrator is responsible for applying all necessary updates (especially security related updates) to the resource. |

**1.5 General Remarks**

|  |
| --- |
| ***General Remarks*** |
|  |

**2 Diagrams of Use Case**

|  |
| --- |
| ***Diagram(s) of Use Case*** |
|  |

**3 Technical Details**

**3.1 Actors**

|  |  |  |  |
| --- | --- | --- | --- |
| ***Actors*** | | | |
| ***Grouping*** *(e.g. domains, zones)* | | ***Group Description*** | |
|  | |  | |
| ***Actor Name***  *see Actor List* | ***Actor Type***  *see Actor List* | ***Actor Description***  *see Actor List* | ***Further information specific to this Use Case*** |
| Administrator | Person | Physical person who is also a User |  |
|  |  |  |  |

**3.2 Triggering Event, Preconditions, Assumptions**

|  |  |  |  |
| --- | --- | --- | --- |
| ***Use Case Conditions*** | | | |
| ***Actor/System/Information/Contract*** | ***Triggering Event*** | ***Pre-conditions*** | ***Assumption*** |
| Administrator | Offline request | none |  |
|  |  |  |  |

**3.3 References**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ***References*** | | | | | | |
| ***No.*** | ***References Type*** | ***Reference*** | ***Status*** | ***Impact on Use Case*** | ***Originator / Organisation*** | ***Link*** |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

**3.4 Further Information to the Use Case for Classification / Mapping**

|  |
| --- |
| ***Classification Information*** |
| ***Relation to Other Use Cases*** |
| OpenNES\_COM01, OpenNES\_COM02, OpenNES\_COM03, OpenNES\_COM05 |
| ***Level of Depth*** |
|  |
| ***Prioritisation*** |
|  |
| ***Generic, Regional or National Relation*** |
|  |
| ***Viewpoint*** |
|  |
| ***Further Keywords for Classification*** |
|  |

**4 Step by Step Analysis of Use Case**

**4.1 Steps – Scenario Name**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Scenario Conditions** | | | | | |
| **No.** | **Scenario Name** | **Primary Actor** | **Triggering Event** | **Pre-Condition** | **Post-Condition** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |

**4.2 Steps – Scenarios**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Scenario*** | | | | | | | | |
| ***Scenario Name :*** | | ***No. 1 - …*** | | | | | | |
| ***Step No.*** | ***Event*** | ***Name of Process/ Activity*** | ***Description of Process/ Activity*** | ***Service*** | ***Information Producer (Actor)*** | ***Information Receiver (Actor)*** | ***Information*** | ***Requirements , R-ID*** |
| ***Exchanged*** |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

**5 Information Exchanged**

|  |  |  |
| --- | --- | --- |
| ***Information Exchanged*** | | |
| ***Name of Information (ID)*** | ***Description of Information Exchanged*** | ***Requirements to information data*** |
|  |  |  |
|  |  |  |

**6 Requirements (optional)**

|  |  |
| --- | --- |
| **Requirements (optional)** | |
| **Categories for Requirements** | **Category Description** |
|  |  |
| **Requirement ID** | **Requirement Description** |
|  |  |
|  |  |

**7 Common Terms and Definitions**

|  |  |
| --- | --- |
| **Common Terms and Definitions** | |
| **Term** | **Definition** |
|  |  |

**8 Custom Information (optional)**

|  |  |  |
| --- | --- | --- |
| ***Custom Information (optional)*** | | |
| ***Key*** | ***Value*** | ***Refers to Section*** |
|  |  |  |
|  |  |  |