

Amenesik

Service Editor

User Guide Version 1.0a

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Table des matières

Introduction	1
Getting Started.....	2
Service Editor Operation.....	2
Service Editor Layout	2
Agreements.....	2
New Agreement	4
References	6
OCCI.....	6
TOSCA.....	6
CIMI	6
CORDS	6
AMENESIK	6

Introduction

This document describes the operations and behaviour of the new Amenesik Service Editor designed, developed and distributed by Amenesik, for use with the Amenesik Cloud Engine, an industrialised version of the Accords Platform Cloud Brokerage and Cloud Provisioning software initially developed under Apache 2 license during the CompatibleOne project.

A Service Level Agreement Document is an XML formatted document that is used for the description and subsequent introduction of the commercial details of cloud system configurations for use by the Cloud Provisioning mechanisms of the Amenesik Cloud Engine. The required structure and contents of this XML document is defined by the accompanying XSD schema document that can be retrieved from the Amenesik website using the following link:

<http://www.amenesik.Com/schemes/slam.xsd>.

Prior to the advent of the Amenesik Service Editor, these documents were prepared by hand using a standard text editor, a process which requires a solid working knowledge of the agreement schema definition and its adjacent properties. Each document would reference the XSD schema to ensure validation of the contents and structure during the processing of the document by the Amenesik Cloud Engine document parser tool.

The Amenesik Service Editor provides an integrated and interactive service and agreement development tool which alleviates the process of preparation of agreement documents by masking the underlying XML syntax and allowing the document designer to concentrate on the actual terms of the agreement and the required characteristics of the cloud system, their properties and configuration.

Getting Started

The Amenesik Service Editor tool is part of the Amenesik Enterprise Cloud Application Management tool set that is installed when an Amenesik Cloud Engine installation is deployed on dedicated or virtual infrastructure or hardware.

You must first connect to the “Amenesik Cloud Access”. Here you must provide valid authorisation credentials before being transferred to the “Amenesik Service Dashboard” where the Service Editor Tool can be activated by pressing the “+” button on the “List of Services” frame.

Service Editor Operation

The Service Editor is a Web Application that is to be accessed through a standard Web Browser and is connected to the SQL database and other storage systems of the underlying “Amenesik Cloud Engine” having direct access to all tables and components. Certain operations will be performed by direct calls to the OCCl interface of the corresponding component of the management model. In other cases, operations involving the execution of CORDSCRIPT programs will be performed through the “Remote Command Interface”.

Service Editor Layout

The Service Editor tool comprises a collection of “Tab Pages”. In the top left hand corner, the “Dashboard” button allows return to the “Amenesik Service Dashboard”.

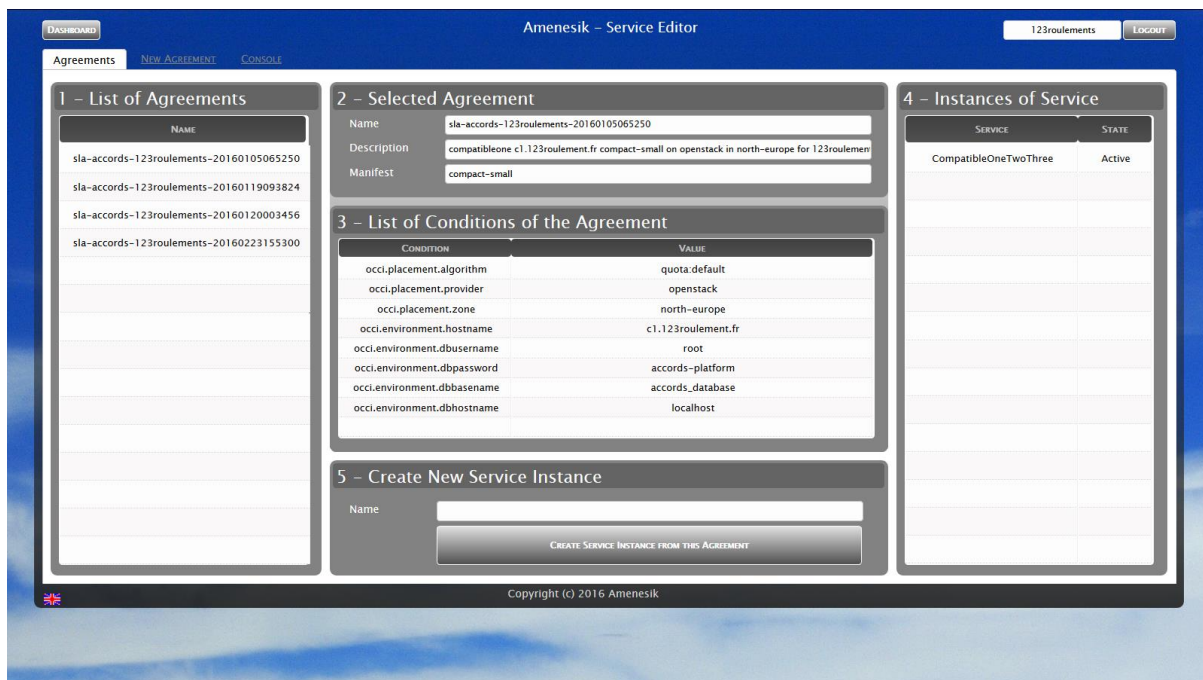
In the top right hand corner is displayed the active user login account name and the “Logout” button allows return to the “Amenesik Cloud Access” page.

Agreements

This is the active tab page when you first arrive in the Service Editor and gives access to all operations required for the creation, consultation and deletion of service instances under service level agreement control.

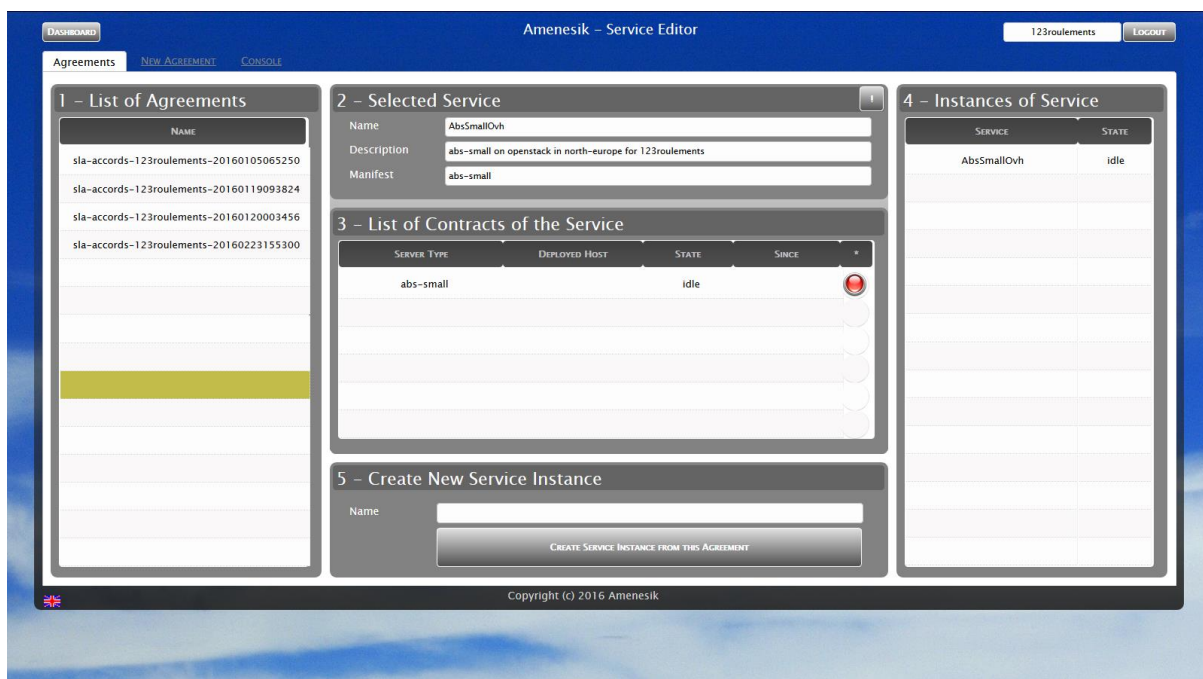
This page of the Service Editor comprises several regions. The List of Agreements, region 1, shows the existing service level agreements that have been created for the user account of the logged in user. A mouse click on an agreement in this list will select the agreement as the current service level agreement.

The following screen capture shows the state of the user interface when an agreement has been selected.



The Agreement Panel, comprising the Selected Agreement region (2) and the List of Conditions region (3), will be displayed when an agreement has been selected from the List of Agreements. The name, description and manifest name of the selected service level agreement will be displayed along with the list of service level conditions associated with the agreement. The “?” button, in the Selected Service region, allows the serialised XML document form of the complete service level agreement to be displayed in the Console Window for consultation.

The Instances of Service, region 4, shows the list of service instances that exist for the selected service level agreement. A mouse click on a service in this list will select the service instance as the current service instance. The following screen capture shows the state of the user interface when an instance of service, of the selected service level agreement, has been selected.



The Service Panel, comprising the Selected Service region (2) and the List of Contracts of the Service region (3), will be displayed when a service instance has been selected from the List of Services of an

Agreement. The service name, agreement description and manifest name will be displayed allowing identification of the service details. The list of contracts will show the contract name, deployed host domain name or IP address and information indicating the status of the various contracts of the selected service.

When the selected service is inactive then the “!” button will be displayed allowing the service instance to be deleted. The “?” button, in the Selected Service region, allows the serialised XML document form of the complete service level agreement to be displayed in the Console Window for consultation.

The Create New Service Instance, region 5, allows a new service instance name to be specified and provides a push button that may be used to launch the creation of a new service instance of the currently selected service level agreement.

New Agreement

This page of the Service Editor allows a new service level agreement to be created and comprises several regions. The List of Agreements, region 1, shows the existing service level agreements that have been created for the user account of the logged in user. The “+” button in this region may be actioned to create a new service level agreement.

The following screen capture shows the user interface of the New Agreement page when a new agreement has been created:

The Selected Agreement, region 2, shows the name, description and manifest of the selected or newly created service level agreement. The “Update Agreement Description” allows modifications to the agreement header to be save to the database while the “Delete This Agreement” allows the selected or created agreement to be deleted.

The List of Conditions of the Agreement, region 3, shows the complete list of service level conditions defined for the agreement. The “+” button in this region may be actioned to add a new condition to the agreement.

The List of Guarantees of the Agreement, region 4, shows the complete list of service level objectives, or guarantees, of the agreement. The “+” button in this region allows a new guarantee to be added to the agreement.

The List of Manifests, region 5, shows the complete list of technical manifests registered on the Amenesik Cloud Engine and visible for the user account of the logged in user. A mouse click in this region allows the selected manifest name to be set as the service description for the selected agreement or the newly created agreement. The “+” button in this region can be used to access the Amenesik Manifest Editor for the consultation, preparation or modification of a manifest document. The “?” button in this region can be used to display the XML rendering of the selected manifest in the Console window for inspection.

References

This section of the document provides a collection of links to cloud standards documentation and Amenesik support documents.

OCCI

The following documents are available from the OGF web site:

- OCCI CORE Version 1.1:
<https://www.ogf.org/documents/GFD.183.pdf>
- OCCI INFRASTRUCTURE Version 1.1 :
<https://www.ogf.org/documents/GFD.184.pdf>
- OCCI http Version 1.1 :
<https://www.ogf.org/documents/GFD.185.pdf>

TOSCA

The following documents are available from the OASIS web site

- TOSCA Version 1.1:
<http://docs.oasis-open.org/tosca/TOSCA/v1.0/os/TOSCA-v1.0-os.pdf>
- TOSCA Namespace:
<http://docs.oasis-open.org/tosca/ns/2011/12>

CIMI

The following documents are available from the DMTF web site

- CIMI Version 1.1 :
http://www.dmtf.org/sites/default/files/standards/documents/DSP0263_1.0.1.pdf

CORDS

The following documents are available from the CompatibleOne community web site:

- CORDS Version 1.1 :
<http://www.compatibleone.com/community/wp-content/uploads/2014/05/CordsReferenceManualV2.15.pdf>

AMENESIK

The following documents are available from the AMENESIK web site:

- Amenesik Enterprise Cloud (AEC) Version 1.1:
<http://www.amenesik.com/cloud/AmenesikCloud.pdf>
- Amenesik Cloud Engine (ACE) Version 1.1:
<http://www.amenesik.com/cloud/AmenesikCloudEngine.pdf>
- Amenesik Manifest Editor (AME) Version 1.1:
<http://www.amenesik.com/cloud/AmenesikManifestEditor.pdf>
- Amenesik Agreement Editor (ASE) Version 1.1:
<http://www.amenesik.com/cloud/AmenesikServiceEditor.pdf>
- Amenesik Service Dashboard (ASD) Version 1.1:
<http://www.amenesik.com/cloud/AmenesikServiceDashboard.pdf>
- Amenesik Cloud Operator (ACO) Version 1.1:
<http://www.amenesik.com/cloud/AmenesikCloudOperator.pdf>
- Amenesik Platform Editor (APE) Version 1.1:

<http://www.amenesik.com/cloud/AmenesikPlatformEditor.pdf>

- Amenesik Platform Service (APS) Version 1.1:
<http://www.amenesik.com/cloud/AmenesikPlatformService.pdf>