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orchestration-qos-enabled
Date
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orchestration-qos-enabled

Service Description

Abstract

This document provides service description for the **orchestration-qos-enabled** service.

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Contents

1 Overview

This document describes the **orchestration-qos-enabled** service, which tells the requester whether the provider supports Quality-of-Service requirements or not.

The rest of this document is organized as follows. In Section 2, we describe the abstract message functions provided by the service. In Section 3, we end the document by presenting the data types used by the mentioned functions.

1.1 How This Service Is Meant to Be Used

The Gatekeeper Core System should consume the Service Registry Core System's **query** service to get information about the **orchestration-qos-enabled** service. Using this information the system can ask the Orchestrator Core System whether Quality-of-Service requirements are supported or not.

1.2 Important Delimitations

No delimitations.

1.3 Access policy

Only the Gatekeeper Core System can use this service.

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2   Service Interface

This section describes the interfaces to the service. The **orchestration-qos-enabled** service is used to check Quality-of-Service requirement support. In the following, each subsection names an interface, an input type and an output type, in that order. The input type is named inside parentheses, while the output type is preceded by a colon. Input and output types are only denoted when accepted or returned, respectively, by the interface in question. All abstract data types named in this section are defined in Section 3.

The following interfaces are available.

2.1   interface HTTP/TLS/TEXT () : QoSEnabledResponse

Profile type	Type	Version
Transfer protocol	HTTP	1.1
Data encryption	TLS	1.3
Encoding	Text	-
Compression	N/A	-

Table 1: HTTP/TLS/TEXT communication details.

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3   Information Model

Here, all data objects that can be part of the **orchestration-qos-enabled** service provides to the hosting System are listed in alphabetic order.

3.1   text QoSEnabledResponse

Simple text message with the value of "true" or "false" depending on whether the provider supports Quality-of-Service requirements or not.

3.2   Primitives

Types and structures mentioned throughout this document that are assumed to be available to implementations of this service. The concrete interpretations of each of these types and structures must be provided by any IDD document claiming to implement this service.

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5   Revision History

5.1   Amendments

No.	Date	Version	Subject of Amendments	Author
1	YYYY-MM-DD	4.6.0		Xxx Yyy

5.2   Quality Assurance

No.	Date	Version	Approved by
1	YYYY-MM-DD	4.6.0	