

# orchestration-qos-enabled HTTP/TLS/TEXT

## Interface Design Description

### Abstract

This document describes a HTTP protocol with TLS payload security and TEXT payload encoding variant of the **orchestration-qos-enabled** service.

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## 1 Overview

This document describes the **orchestration-qos-enabled** service interface, which tells the requester whether the provider supports Quality-of-Service requirements or not. It's implemented using protocol, encoding as stated in the following table:

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

Table 1: Communication and semantics details used for the **orchestration-qos-enabled** service interface

This document provides the Interface Design Description IDD to the *orchestration-qos-enabled – Service Description* document. For further details about how this service is meant to be used, please consult that document.

The rest of this document describes how to realize the **orchestration-qos-enabled** service HTTP/TLS/TEXT interface in details.

## 2 Interface Description

The service responds with the status code `200 Ok` if called successfully. The error codes are `401 Unauthorized` if improper client side certificate is provided and `500 Internal Server Error` if the system is unavailable.

```
1 GET /orchestrator/qos_enabled HTTP/1.1
```

Listing 1: An `orchestration-qos-enabled` invocation.

```
1 true
```

Listing 2: An `orchestration-qos-enabled` response.



ARROWHEAD

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## 3 Data Models

Here, all data objects that can be part of the service calls associated with this service 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.



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## 4 References

## 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   | Xxx Yyy     |