

orchestration-remove-flexible-store-rule HTTP/TLS/URL

Interface Design Description

Abstract

This document describes a HTTP protocol with TLS security and URL encoding variant of the **orchestration-remove-flexible-store-rule** service.

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1 Overview

This document describes the **orchestration-remove-flexible-store-rule** service interface, which enables systems to remove flexible matching rules from the Orchestrator Core System (if the Orchestrator is in flexible store mode). 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	URL	RFC 1738
Compression	N/A	-

Table 1: Communication and semantics details used for the **orchestration-remove-flexible-store-rule** service interface

This document provides the Interface Design Description IDD to the *orchestration-remove-flexible-store-rule – 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-remove-flexible-store-rule** service HTTP/TLS/URL interface in details.



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2 Interface Description

The service responses with the status code 200 OK if called successfully. The error codes are, 400 Bad Request if request is malformed or the Orchestrator is not in flexible store mode, 401 Unauthorized if improper client side certificate is provided, 500 Internal Server Error if Orchestrator is unavailable.

```
1 DELETE /orchestrator/store/flexible/{id} HTTP/1.1
```

Listing 1: An [orchestration-remove-flexible-store-rule](#) invocation.

3 Data Models

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

3.1 Primitives

Type	Description
Number	Any IEEE 754 binary64 floating point number [1], except for <i>+Inf</i> , <i>-Inf</i> and <i>NaN</i> .
void	Special 'type' to indicate when a service does not return anything (except some indication that the operation was a success or not).



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4 References

- [1] M. Cowlishaw, "IEEE Standard for Floating-Point Arithmetic," *IEEE Std 754-2019 (Revision of IEEE 754-2008)*, July 2019. [Online]. Available: <https://doi.org/10.1109/IEEESTD.2019.8766229>



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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	Xxx Yyy