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Authors: *SIDN Labs* *DENIC*

# RESTful Provisioning Protocol (RPP) - Requirements

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## Abstract

This document describes the requirement for the development of the RESTful Provisioning Protocol (RPP).

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## 1. Introduction

This document describes the set of requirements RESTful Provisioning Protocol (RPP) an Application Programming Interface (API) API, for provisioning objects in a shared database, based on the HTTP protocol [[RFC2616](#)] and the principles of [[REST](#)].

## 2. Terminology

In this document the following terminology is used.

REST - Representational State Transfer ([[REST](#)]). An architectural style.

RESTful - A RESTful web service is a web service or API implemented using HTTP and the principles of [[REST](#)].

EPP RFCs - This is a reference to the EPP version 1.0 specifications [[RFC5730](#)], [[RFC5731](#)], [[RFC5732](#)] and [[RFC5733](#)].

RESTful Provisioning Protocol or RPP - The protocol described in this document.

URL - A Uniform Resource Locator as defined in [[RFC3986](#)].

Resource - An object having a type, data, and possible relationship to other resources, identified by a URL.

RPP client - An HTTP user agent performing an RPP request

RPP server - An HTTP server responsible for processing requests and returning results in any supported media type.

### 3. Conventions Used in This Document

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in [RFC2119].

### 4. IANA Considerations

TODO

### 5. Internationalization Considerations

TODO

### 6. Security Considerations

TODO

### 7. Normative References

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## Authors' Addresses

### **Maarten Wullink**

SIDN Labs

Email: [maarten.wullink@sidn.nl](mailto:maarten.wullink@sidn.nl)

URI: <https://sidn.nl/>

### **Pawel Kowalik**

DENIC

Email: [pawel.kowalik@denic.de](mailto:pawel.kowalik@denic.de)

URI: <https://denic.de/>