Mathematical Mesh: Client-Service Protocol

Mathematical Mesh CSP

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<author>Phillip Hallam-Baker

<lastname>Hallam-Baker

<initials>P. M.

<firstname>Phillip

<organization>Comodo Group Inc.

<email>[philliph@comodo.com](mailto:philliph@comodo.com)

# Abstract

The Mathematical Mesh ‘The Mesh’ is an end-to-end secure infrastructure that facilitates the exchange of configuration and credential data between multiple user devices. The core protocols of the Mesh are described with examples of common use cases and reference data.

# Introduction

# Definitions

## Requirements Language

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 RFC 2119 [!RFC2119].

# Use Scenarios

## Service Discovery

## Create Account

## Connect Device

## Add Application

## Update Application

## Delete Device

## Master Profile Recovery

## Application Profile Recovery

# Mesh Client-Service Protocol Messages

<include=MeshProtocol.md>

# Mesh Client-Service Protocol State Transitions

# Security Considerations

## Service Confidentiality

# IANA Considerations

IANA has registered the following protocol identifier for use with this protocol: MMM

# Appendix A: Portal Schema.