

RFC2904 - AAA Authorization Framework

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Table 1: Data sheet for RFC2904 AAA Authorization Framework (AAAA)

Title	AAA Authorization Framework
Acronym	AAAA
Version	2000
Document Number	RFC2904
Release Date	August 2000
Reference	https://tools.ietf.org/html/rfc2904

Note: The following is an excerpt from the official IETF RFC. It is provided here as a convenience and is not authoritative. Refer to the original document as the authoritative reference.

Introduction

This document is one of a series of three documents under consideration by the AAAarch RG dealing with the authorization requirements for AAA protocols. The three documents are:

- AAA Authorization Framework (this document)
- AAA Authorization Requirements
- AAA Authorization Application Examples

There is a demonstrated need for a common scheme which covers all Internet services which offer Authorization. This common scheme will address various functional architectures which meet the requirements of basic services. We attempt to describe these architectures and functions as a basis for deriving requirements for an authorization protocol.

These architectures include Policy structures, Certificate Authorities, Resource Managers, Inter-Domain and Multi-Domain schemes, and Distributed Services. The requirements are for the expected use of Authorization services across these architectures. A representative set of applications that may use this architecture to support their authorization needs is presented in [3]. The examples in [3] show how this framework may be used to meet a wide variety of different authorization needs.

We expect that this work may be extended in the future to a more comprehensive model and that the scheme described here will be incorporated into a framework that includes authentication, accounting and auditing. We have referenced a number of authorization sources, but also recognize that there may be some that we have missed and that should be included. Please notify one of the authors of any such oversight so it can be corrected in a future revision.

In general, it is assumed that the parties who are participating in the authorization process have already gone through an authentication phase. The authentication method used by those parties is outside the

scope of this document except to the extent that it influences the requirements found in a subsequent authorization process. Likewise, accounting requirements are outside the scope of this document other than recording accounting data or establishing trust relationships during an authorization that will facilitate a subsequent accounting phase.

The work for this memo was done by a group that originally was the Authorization subgroup of the AAA Working Group of the IETF. When the charter of the AAA working group was changed to focus on MobileIP and NAS requirements, the AAAarch Research Group was chartered within the IRTF to continue and expand the architectural work started by the Authorization subgroup. This memo is one of four which were created by the subgroup. This memo is a starting point for further work within the AAAarch Research Group. It is still a work in progress and is published so that the work will be available for the AAAarch subgroup and others working in this area, not as a definitive description of architecture or requirements.

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