

DECLARATION OF SANDY GINOZA FOR IETF
RFC 3489: STUN - SIMPLE TRAVERSAL OF USER DATAGRAM PROTOCOL (UDP)
THROUGH NETWORK ADDRESS TRANSLATORS (NATS)

I, Sandy Ginoza, based on my personal knowledge and information, hereby declare as follows:

1. I am an employee of Association Management Solutions, LLC (AMS), which acts under contract to the Internet Society (ISOC) as the operator of the RFC Production Center. The RFC Production Center is part of the "RFC Editor" function, which prepares documents for publication and places files in an online repository for the authoritative Request for Comments (RFC) series of documents (RFC Series), and preserves records relating to these documents. The RFC Series includes, among other things, the series of Internet standards developed by the Internet Engineering Task Force (IETF), an organized activity of ISOC. I hold the position of Director of the RFC Production Center. I began employment with AMS in this capacity on 6 January 2010.

2. Among my responsibilities as Director of the RFC Production Center, I act as the custodian of records relating to the RFC Series, and I am familiar with the record keeping practices relating to the RFC Series, including the creation and maintenance of such records.

3. From June 1999 to 5 January 2010, I was an employee of the Information Sciences Institute at University of Southern California (ISI). I held various position titles with the RFC Editor project at ISI, ending with Senior Editor.

4. The RFC Editor function was conducted by ISI under contract to the United States government prior to 1998. In 1998, ISOC, in furtherance of its IETF activity, entered into the first in a series of contracts with ISI providing for ISI's performance of the RFC Editor function. Beginning in 2010, certain aspects of the RFC Editor function were assumed by the

RFC Production Center operation of AMS under contract to ISOC (acting through its IETF function and, in particular, the IETF Administrative Oversight Committee). The business records of the RFC Editor function as it was conducted by ISI are currently housed on the computer systems of AMS, as contractor to ISOC.

5. I make this declaration based on my personal knowledge and information contained in the business records of the RFC Editor as they are currently housed at AMS, or confirmation with other responsible RFC Editor personnel with such knowledge.

6. Prior to 1998, the RFC Editor's regular practice was to publish RFCs, making them available from a repository via FTP. When a new RFC was published, an announcement of its publication, with information on how to access the RFC, would be typically sent out within 24 hours of the publication.

7. Any RFC published on the RFC Editor website or via FTP was reasonably accessible to the public and was disseminated or otherwise available to the extent that persons interested and ordinarily skilled in the subject matter or art exercising reasonable diligence could have located it. In particular, the RFCs were indexed and placed in a public repository.


8. The RFCs are kept in an online repository in the course of the RFC Editor's regularly conducted activity and ordinary course of business. The records are made pursuant to established procedures and are relied upon by the RFC Editor in the performance of its functions.

9. It is the regular practice of the RFC Editor to make and keep the RFC records.

10. Based on those records, I can state that the publication date of RFC 3489 was March 2003 (date listed on the RFC), at which time it was reasonably accessible to the public either on the RFC Editor website or via FTP from a repository. A copy of that RFC is attached to this declaration as an exhibit.

Pursuant to Section 1746 of Title 28 of United States Code, I declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct and that the foregoing is based upon personal knowledge and information and is believed to be true.

Date: 11 sept 2010

By: 
Sandy Ginoza

4830-8412-8625.1

ATTACHED CALIF. ACKNOWLEDGMENT 80 9/11/18

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of Los Angeles)

On September 11th, 2018 before me, S.S. Delgadillo - Notary Public,

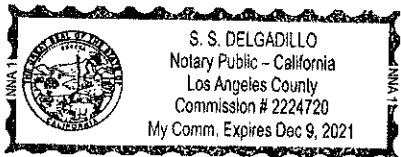
Sandy Ginoza Here Insert Name and Title of the Officer
personally appeared _____

Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/(she)/they executed the same in his/(her)/their authorized capacity(ies), and that by his/(her)/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature S.S. Delgadillo
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: Declaration of Sandy Ginoza for IETF (RFC 2489: stun)

Document Date: 9/11/18 Number of Pages: 3

Signer(s) Other Than Named Above: None

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____

Corporate Officer — Title(s): _____

Partner — Limited General

Individual Attorney in Fact

Trustee Guardian or Conservator

Other: _____

Signer Is Representing: _____

Signer's Name: _____

Corporate Officer — Title(s): _____

Partner — Limited General

Individual Attorney in Fact

Trustee Guardian or Conservator

Other: _____

Signer Is Representing: _____

Network Working Group
Request for Comments: 3489
Category: Standards Track

J. Rosenberg
J. Weinberger
dynamicsoft
C. Huitema
Microsoft
R. Mahy
Cisco
March 2003

STUN - Simple Traversal of User Datagram Protocol (UDP)
Through Network Address Translators (NATs)

Status of this Memo

This document specifies an Internet standards track protocol for the Internet community, and requests discussion and suggestions for improvements. Please refer to the current edition of the "Internet Official Protocol Standards" (STD 1) for the standardization state and status of this protocol. Distribution of this memo is unlimited.

Copyright Notice

Copyright (C) The Internet Society (2003). All Rights Reserved.

Abstract

Simple Traversal of User Datagram Protocol (UDP) Through Network Address Translators (NATs) (STUN) is a lightweight protocol that allows applications to discover the presence and types of NATs and firewalls between them and the public Internet. It also provides the ability for applications to determine the public Internet Protocol (IP) addresses allocated to them by the NAT. STUN works with many existing NATs, and does not require any special behavior from them. As a result, it allows a wide variety of applications to work through existing NAT infrastructure.

Table of Contents

1.	Applicability Statement	3
2.	Introduction	3
3.	Terminology	4
4.	Definitions	5
5.	NAT Variations	5
6.	Overview of Operation	6
7.	Message Overview	8
8.	Server Behavior	10
	8.1 Binding Requests	10

Rosenberg, et al.

Standards Track

[Page 1]

RFC 3489

STUN

March 2003

8.2	Shared Secret Requests	13
-----	------------------------------	----

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.