

August 26, 2011

VIA EDGAR AND OVERNIGHT DELIVERY

Securities and Exchange Commission
Division of Corporation Finance
100 F. Street, N.E.
Washington, D.C. 20549

Attention: Kathleen Collins, Accounting Branch Chief
Maryse Mills-Apenteng, Special Counsel
Ryan Houseal, Staff Attorney
Melissa Kindelan, Staff Accountant
Melissa Feider, Staff Accountant

Re: Limelight Networks, Inc.
Form 10-K for Fiscal Year Ended December 31, 2010
Filed March 11, 2011
File No. 001-33508

Ladies and Gentlemen:

On behalf of Limelight Networks, Inc. (the "**Company**"), I refer to the letter from the staff of the Securities and Exchange Commission (the "**Staff**") dated August 12, 2011 relating to the above-referenced annual report on Form 10-K (the "**Letter**"). The purpose of this letter is to inform you in writing that the Company is reviewing the Staff's comments and is in the process of preparing a response to the Letter. The Company intends to submit a response to the Letter on or before September 2, 2011.

Please direct any questions or comments regarding this letter to the undersigned at (650) 354-4152 or via facsimile at (650) 493-6811.

Very truly yours,

WILSON SONSINI GOODRICH & ROSATI
Professional Corporation

/s/ Jonna Anderson

Jonna Anderson

cc: Douglas S. Lindroth, Senior Vice President, Chief Financial Officer and Treasurer
Philip C. Maynard, Senior Vice President, Chief Legal Officer and Secretary
Limelight Networks, Inc.

Mark Reinstra
Wilson Sonsini Goodrich & Rosati, Professional Corporation

AUSTIN HONG KONG NEW YORK PALO ALTO SAN DIEGO SAN FRANCISCO SEATTLE SHANGHAI WASHINGTON, D.C.