Declaration of Tal Lavian, Ph.D., in Support of Petition for *Inter Partes* Review of U.S. Patent No. 7,027,411

UNITED STATES PATENT AND TRADEMARK OFFICE BEFORE THE PATENT TRIAL AND APPEAL BOARD ServiceNow, Inc.

٧.

Petitioner

Hewlett-Packard Company Patent Owner

U.S. Patent No. 7,027,411 Filing Date: October 31, 2000 Issue Date: April 11, 2006

TITLE: METHOD AND SYSTEM FOR IDENTIFYING AND PROCESSING CHANGES TO A NETWORK TOPOLOGY

DECLARATION OF TAL LAVIAN, Ph.D.

Inter Partes Review No. 2015-___



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		(a)	"In a network having interconnected nodes with data tuples that represent nodal connections, a method for mapping a network topology by identifying changes between an existing topology and a new topology"		
		(b)	"creating a list of existing tuples from an existing topology representing nodal connections of a network at a prior time" (Claim 1[a])		



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	(c)	"creating a new list of a plurality of tuples for a topology of the network at a current time, wherein the new list of tuples represent nodal connections of the network at the current time, and wherein each of the tuples comprises a host identifier, interface information, and a port specification" (Claim 1[b])	25
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	(a)	"In a network having interconnected nodes with data tuples that represent nodal connections, a method for mapping a network topology by identifying changes between an existing topology and a new topology"	35
	(b)	"creating a list of existing tuples from an existing topology representing nodal connections of a network at a prior time" (Claim 1[a])	39
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I, Tal Lavian, Ph.D., declare as follows:

- 1. I have personal knowledge of the facts stated in this declaration, and could and would testify to these facts under oath if called upon to do so.
- 2. I have been retained by counsel for ServiceNow, Inc. (Petitioner) in this case as an expert in the relevant art.
- 3. I have been asked to provide my opinions relating to claims 1 and 3 of U.S. Patent No. 7,027,411 to Eric A. Pulsipher et al. ("the '411 patent"), which I understand is owned by Hewlett-Packard, Inc. ("Patent Owner" or "HP").



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