



SCRIPT

IPv6 2 (The Sequel)

Final

Scriptwriter: Anne Schwab

Executive Producer: Laura Turner

U.S. Department of Veterans Affairs

VIDEO	AUDIO
<p>Open: 3D animation of “Ipv6 (Internet Protocol 6, the Sequel”</p>	
<p>Visuals: narrator running on treadmill at gym Visuals: cu of narrator’s feet on treadmill at gym Wardrobe: running shorts and top</p>	<p>Narrator Alex Suarez: Today’s Internet ‘shaped up’ many years ago when the United States Department of Defense developed the first integrated networking system. Research groups, universities and private industry advanced this infrastructure we know as today’s global Internet.”</p> <p>Sounds: sports equipment, particularly a treadmill</p>
<p>Visuals: narrator working on pull-down bar front angle, back angle, side angle</p>	<p>Narrator Alex Suarez: Now over the Internet’s powerful backbone of fiber optics, copper wires, micro waves and satellite transmissions interlace at millions of Network Access Points known as NAPs.</p> <p>Sound: sports equipment</p>
<p>Visuals: footage of m shot of lady napping outside Visuals: narrator lifts the footage of the napping lady up off the screen Visuals: m shot narrator in Hawaiian shirt two stories above the health club’s outdoor pool</p>	<p>Narrator Alex Suarez (on camera and VO): Not that kind of a NAP!</p>

<p>Visuals: narrator walking between two rows of exercise bikes and moving toward camera</p>	<p>Narrator Alex Suarez: Hello, I'm Alex Suarez. NAPS provide data routing ability for communications. The Internet Protocol or IP divides a transmission into packets of communications.</p> <p>Sounds: exercise equipment</p>
<p>Visuals: animation of a stylized computer with ones and zeros rushing in the computer and packets of information flowing out</p>	<p>Narrator Alex Suarez: These packets, consisting of ones and zeros, represent (layering images appearing on screen of computer) everything you see and hear on your computer.</p>
<p>Visuals: over the shoulder of Will typing on laptop Visuals: close-up of computer screen (layered images appearing on screen of computer)</p>	<p>Narrator Alex Suarez: These packets, consisting of ones and zeros, represent everything you see and hear on your computer.</p>
<p>Visuals: CU of narrator in front of exercise equipment</p>	<p>Narrator Alex Suarez: For many years Internet Protocol 4 or IPv4 has defined the Internet for Veterans Affairs and the world.</p>
<p>Visuals: an old-fashioned weakling “strong” man in red tights (singlet) and parted who cannot lift the weight past his chest Visuals: top of red tights says “IPv4” Visuals: large rack of colorful exercise balls behind bodybuilder</p>	<p>Narrator Alex Suarez VO: But the aging IPv4 protocol no longer can lift the weight of new innovations in IT and healthcare technology.</p>
<p>Visuals: an old-fashioned strong man, bald with large handlebar mustache easily lifting weights effortlessly above his head Visuals: top of red tights says “IPv6” Visuals: large rack of colorful exercise balls behind bodybuilder</p>	<p>Narrator Alex Suarez VO: And as the 4 billion 32-bit IPv4 addresses rapidly run out...</p>
<p>Visuals: narrator left of screen is flabbergasted as he follows along with the numbers Visuals: TEXT ON SCREEN: numbers roll across the screen “340-undecillion, 282-decillion, 366-nonillion, 920-octillion, 938-septillion, 463-sextillion, 463-quintillion, 374-quadrillion, 607-trillion, 431-billion, 768-million, 211-thousand” Visuals: weightlifter’s feet and falling barbell</p>	<p>Narrator Alex Suarez VO: ...the stronger, more robust, IPv6, with 128 bit addresses, is "pumped up" to carry the enormous number of IPv6 addresses.</p> <p>Sounds: Barbell crashing to the floor</p>

<p>Visuals: MS of narrator over footage of a colorful impressionistic background</p>	<p>Narrator Alex Suarez: VA met OMB’s mandate to become IPv6 compliant by reconfiguring our core infrastructure. Now Veterans Affairs has access to trillions upon trillions of large-bit addresses.</p>
<p>Visuals: MS of narrator in front of a red band of color running across the screen the large numbers of IPv6 addresses, 340 undecillion!</p>	<p>Narrator Alex Suarez: Now Veterans Affairs has access to trillions upon trillions of large-bit addresses.</p>
<p>Visuals: MS Narrator on gym bench wiping his forehead with a towel</p>	<p>Narrator Alex Suarez: Now IPv6 addresses support every branch of the government, every educational institution and all of private industry globally.</p>
<p>Visuals: young girl swirling around basking in the sunlight</p>	<p>Narrator Alex Suarez VO: There’s now an address for everything under the sun.</p>
<p>Visuals: corner of VA headquarters Visuals: VA signage</p>	<p>Narrator Alex Suarez VO: This is good news for VA.</p>
<p>Visuals: narrator over textured background Visuals: TEXT ON SCREEN: “Virtual Lifetime Electronic Record System”</p>	<p>Narrator Alex Suarez: IPv6 enables one of our core programs, the Electronic Medical Record System, to transmit...</p>
<p>Visuals: narrator in front of a vortex of ones and zeros on night-blue background</p>	<p>Narrator Alex Suarez: ...and store astronomical amounts of safe, secure data on our veterans.</p>
<p>Visuals: MS and CU of narrator over same textured background Visuals: TEXT ON SCREEN: “Virtual Lifetime Electronic Record System” and fades out Visuals: logos of Veterans Affairs and Department of Defense fade up</p>	<p>Narrator Alex Suarez: The newly strengthened Virtual Lifetime Electronic Record System now effortlessly merges the medical record systems of VA, DoD and private health care providers.</p>
<p>Visuals: an electronic form Visuals: various images: new born baby, parents with young child walking on beach, military marching in uniform, wedding couple and military hands holding folded U.S. flag</p>	<p>Narrator Alex Suarez VO: Imagine, one robust system with clinical access to every patient’s medical history from birth, childhood, military service, family and retirement through the day they are laid to rest.</p>
<p>Visuals: MS, chest up of narrator in gym dressing room putting on his shirt and tie</p>	<p>Narrator Alex Suarez: As the federal government transitions to IPv6, the IP powerhouse increases the speed, reliability and mobility of our computer-based services using built-in security...</p>
<p>Visuals: narrator putting on sports jacket and pocket handkerchief Visuals: TEXT ON SCREEN: (rolling) “VoIP,</p>	<p>Narrator Alex Suarez: ...and supports Voice-Over-Internet Protocol, VoIP, presence--the always-on feature, streaming video, HD video,</p>

Presence, Streaming Video, HD Video”	seamless conductivity and hand-held conferencing...
<p>Visuals: narrator in front of lockers holds up his iPhone.</p> <p>Visuals: iPhone screen shows a conference in progress that he will join</p>	<p>Narrator Alex Suarez: ...and hand-held conferencing. Watch this.</p> <p>Sounds: ringing cell phone</p>
<p>Visuals: CU of narrator holding phone near his face at different angles, talking on phone He moves phone slightly He smiles</p>	<p>Narrator Alex Suarez: Alex Suarez joining the conference. Can you see me? Can you see me now?</p>
<p>Visuals: narrator leaves locker room</p> <p>Visuals: narrator’s pant hanging in locker room</p> <p>Visuals: narrator wearing sock garters</p>	<p>Narrator Alex Suarez: I’m heading back to the office. See you in five.</p>
<p>Visuals: footage—low angle—of woman jumping a hurdle</p>	<p>Narrator Alex Suarez VO: IPv6 affords a quantum leap in satellite capabilities.</p>
<p>Visuals: narrator on white cyc</p>	<p>Narrator Alex Suarez VO: The GPS can now pinpoint a location within inches.</p>
<p>Visuals: lightning strikes just inches from narrator’s foot</p> <p>Visuals: CU of narrator</p>	<p>Narrator Alex Suarez: That was close!</p>
<p>Visuals: narrator on textured background</p> <p>Visuals: narrator put in smaller box on left of screen</p> <p>Visuals: split screen, fly in of man working on his sailboat. This screen turns red with an EKG machine monitor overlay</p> <p>Visuals: right side of screen splits and third screen with helicopter and rescuer dropping down on line to rescue sailor</p>	<p>Narrator Alex Suarez VO: An IPv6-enabled implant alerts a hospital doctor to a cardiac incident. The doctor could take control of the implant device while within minutes, an emergency Coast Guard team moves to rescue the victim wherever they are on land or at sea.</p>
<p>Visuals: head and shoulders of narrator with band of blue footage running behind</p> <p>Visuals: narrator holds up defibrillator</p>	<p>Narrator Alex Suarez: IPv6 upgrades in routing and auto configuration enable mobile devices like this cardiac defibrillator implant to communicate with doctors through instant ad hoc, routerless networks.</p>
<p>Visuals: crop shot of narrator in front of thinner blue impressionistic footage</p> <p>Visuals: TEXT ON SCREEN: “Neighborhood Discovery”</p>	<p>Narrator Alex Suarez: Through something called neighborhood discovery, this device actually ‘finds’ a new route to the Internet or a computer.</p>

<p>Visuals: a revolutionary soldier drops from the sky onto a 21st century paved road</p>	<p>Narrator Alex Suarez VO: That’s nothing short of Revolutionary.</p>
<p>Visuals: revolutionary soldier out of place on modern roadway looking startled Visuals: narrator with his left hand wipe the revolutionary soldier off the screen</p>	<p>Narrator Alex Suarez (on camera and VO): Not that kind of revolutionary!</p>
<p>Visuals: various shots of narrator on impressionistic background split between gold and blue Visuals: TEXT ON SCREEN: “IPsec”</p>	<p>Narrator Alex Suarez: Safer, more secure patient records are always a VA priority. Internet Protocol Security, IPsec, is designed and built into the IPv6 architecture...</p>
<p>Visuals: stylized laptop with spinning ones and zeros flowing into the computer and envelope-like packet flowing out</p>	<p>Narrator Alex Suarez VO: ...to authenticate and encrypt all communications packets and data streams; and virtually all Internet traffic.</p>
<p>Visuals: narrator in front of disaster footage of destroyed homes Visuals: layered footage of burning building interior and flames</p>	<p>Narrator Alex Suarez VO: During a natural disaster, a patient’s paper records can literally go up in smoke leaving a hospital without their medical history.</p>
<p>Visuals: footage of the earth and satellites</p>	<p>Narrator Alex Suarez VO: Strengthened by IPv6, auto configuration or self-discovery uses satellite communications to search for an alternate IPv6 address.</p>
<p>Visuals: narrator with TEXT ON SCREEN: “Spontaneous Ad Hoc Connection”</p>	<p>Narrator Alex Suarez: A spontaneous ad hoc connection allows immediate access to digitally-stored records.</p>
<p>Visuals: green lawn and blue sky with dancing pill bottle and crowing rooster</p>	<p>Narrator Alex Suarez VO: IPv6 enables a device - like a pill bottle - to alert a patient when a medicine is overdue.</p> <p>Talking pill bottle: Take me, take me.</p>
<p>Visuals: Veteran in sundrenched field sitting up against a tree typing on his laptop Visual: Arm of veteran with blood pressure machine Visual: CU of portable blood pressure machine Visual: blood sugar tester</p>	<p>Narrator Alex Suarez VO: Computers and networks strengthened by IPv6 allow patients to talk in real time with their doctors. Using MyHealtheVet, patients also take a more active role in their own wellness updating their treatment plans, tracking their blood pressure, learning about new procedures, testing and recording their own, blood sugar anytime, anywhere 24/7.</p>
<p>Visual: narrator in front of bright, impressionistic</p>	<p>Narrator Alex Suarez: Strengthened by the IPv6</p>

background	platform, health care will be delivered faster, more efficiently and more accurately.
Visual: various shots of narrator in front of rural farmland	Narrator Alex Suarez: Soon veterans suspected of suffering from Post Traumatic Stress Disorder or PTSD will have their brain functions analyzed remotely, from the privacy of their own home.
Visuals: a veteran talking to healthcare providers on his computer	Narrator Alex Suarez VO: No longer needing to travel long distances to the hospital, a psychiatric patient now “visits” a mental health practitioner using high definition video conferencing for a one-on-one or group therapy session.
Visuals: a grandmother and granddaughter having a picnic in a beautiful park	Narrator Alex Suarez VO: Speed, reliability and mobility. All made possible by this new protocol.
Visuals: CU of grandmother’s emergency alert device hanging around her neck	Narrator Alex Suarez VO: Emergency devices often worn by the elderly are no longer limited to the short range of current devices perhaps only feet from their home phone. With IPv6 you can travel anywhere.
WRAP	
Visuals: Strong man lifting weights above his head	Narrator Alex Suarez VO: Yup, everyone’s pretty excited about IPv6. Strong man: (shouting) YES!