AG 442 (KeV 11/11) Arrest Warrant

# 288A-SF- 1482XISEALED BY ORDEN UNITED STATES DISTRICT COURT

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for the

•		Northern District of	of California	. 16	2	1/	$\circ$
	United States of America			iF	7-3	160	7-
	V.	. )					2A16
		)	Case No.	16-cr-0026	9-WHA-1	_ (S) <b>(</b> €	2/116
		)			~ (3)	<u> </u>	<b>第</b>
		)			920 400		3 <u>E</u>
	Donald Ryan Austin  Defendant	)				2	- 200 - 321 - 321
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		ARREST WAI	KKANI	3	3	Çş.	FR
To: Any ar	uthorized law enforcement o	fficer			entres entres entres entres	.527 .527	***
YOU	ARE COMMANDED to an	est and bring before a t	United States r	nagistrate judge	e without unne	ecessary	y delay
	o be arrested) Donald Ryan	and the second s			V		•
who is accused court:	d of an offense or violation b	ased on the following d	ocument filed	with the			
X) Indictment	( ) Superseding Indictme	nt ( ) Information	( ) Superse	eding Informati	on ()Com	plaint	
) Probation V	iolation Petition ( ) Super	vised Release Violation	n Petition ( )	Violation Noti	ce ( ) Order	of the	Court
This offense is	briefly described as follows	:					
18·1030(a)(5)(A	a) - Intentional Transmission Ca	using Damage to a Protec	ted Computer				
. 0. 1050(0)(5)(1.	ij inomona ramamangn cu	using Damage to a riotee	ned Compater				
	•						
Date: June 23,	2016			MARK	J. JENKINS	•	
- uno 23,				Issuing officer's s	ignature		
City and state:	San Francisco, California	М.,	Jenkins, Deputy	Clerk Printed name at	nd title		
		Return		the state of the s		<del></del>	
This warrant w	as received on (date)	and the	la narron was	arrested on (date	a)		
t (city and state)	as received on fame)	, and th	ic person was	arrested on taur	ε)		The state of the s
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Date:		ton and d			en e	nge.	
			A	Arresting officer's.	signaiure		!
				Printed name an	nd title		

### United States District Court

SEALED BY COURT ORDER

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FOR THE NORTHERN DISTRICT OF CALIFORNIA

VENUE: San Francisco

UNITED STATES OF AMERICA.

DONALD RYAN AUSTIN,

CR16-00269

DEFENDANT.

INDICTMENT

18 U.S.C. § 1030(a)(5)(A) and (c)(4)(B)(i) - Intentional Transmission Causing Damage to a Protected Computer; 18 U.S.C. § 1030(i) and (j) Forfeiture

A true bille

Foreman

Filed in open court this 2319 day of June

2016

Clerk

#### SEALED BY COURT ORDER 1 BRIAN J. STRETCH (CABN 163973) United States Attorney 2 3 4 5 6 7 8 UNITED STATES DISTRICT COURT 9 NORTHERN DISTRICT OF CALIFORNIA 10 SAN FRANCISCO DIVISION 11 CASE NO. CR16-00269 UNITED STATES OF AMERICA, 12 <u>VIOLATION</u>: 18 U.S.C. § 1030(a)(5)(A) and (c)(4)(B)(i) – Intentional Transmission Causing Plaintiff. 13 Damage to a Protected Computer; 18 U.S.C. 14 $\S$ 1030(i) and (j) – Forfeiture. DONALD RYAN AUSTIN, 15 SAN FRANCISCO VENUE Defendant: 16 UNDER SEAL 17 18 19 INDICTMENT The Grand Jury charges: 20 21 At all times relevant to this Indictment: 22 THE LINUX OPERATING SYSTEM 23 1. Linux was an operating system, which is software that enables a computer to function and allows a user to run applications on the computer. Millions of business, government, academic, and 24 personal computers ran the Linux operating system. 25 2. The Linux kernel was the core piece of software in the Linux operating system. The 26 Linux kernel was a basic set of instructions for a computer plus a collection of optional instruction

modules.

INDICTMENT

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3. The Linux kernel was "open source software," meaning that its source code was available for anyone to view and modify. The source code was the list of computer instructions written in a language readable by humans.

#### THE LINUX ORGANIZATIONS

- 4. The Linux Kernel Organization was a nonprofit organization with offices in San Jose, California. It operated a website, www.kernel.org, from which it distributed the Linux kernel. Internet users could download versions of the Linux kernel from the www.kernel.org website pursuant to a free software license.
- 5. The Linux Foundation was a separate nonprofit organization with offices in Sarrancisco, California. The Linux Foundation encouraged the development of open source software and promoted the Linux operating system. The Linux Foundation also managed the Linux Kernel.

  Organization and provided financial, staffing, and technical support for the operation of the www.kernel.org website.
- 6. The Linux Kernel Organization and Linux Foundation leased and operated a number of servers in order to host the Linux kernel and the www.kernel.org website. A server was a computer that managed access to network resources by other computers. Some of the servers hosted copies of the Linux kernel and some provided other website functions:
- 7. P.A. was a member of the Linux Foundation Technical Advisory Board and founder of the Linux Kernel Organization.
  - 8. J.H. was a system administrator for the Linux Kernel Organization.

#### THE DEFENDANT'S ATTACKS ON

#### SERVERS CONNECTED TO THE LINUX ORGANIZATIONS

- 9. The Phalanx rootkit was a piece of malicious software that established a "backdoor" on a computer, allowing an unauthorized person to access the computer with full administrative privileges. An attacker could use the backdoor to connect to the infected computer via SSH, which is a protocol that allows secure remote login and control of a computer. The rootkit also enabled an unauthorized person to install additional software on the infected computer.
- 10. The Ebury trojan was a piece of malicious software that harvested the credentials of INDICTMENT

authorized users who logged in via SSH to an infected computer. The Ebury trojan collected the credentials and transmitted them over the Internet to an outside computer controlled by the person who installed the malicious software.

11. The defendant, DONALD RYAN AUSTIN ("AUSTIN"), used credentials belonging to an individual, J.H., to gain unauthorized access to servers belonging to the Linux Foundation, the Linux Kernel Organization, and P.A. AUSTIN installed the Phalanx rootkit and Ebury trojan on several of those servers, causing damage without authorization. AUSTIN also used the unauthorized administrative privileges to make other changes to the servers, such as inserting messages that would automatically display when the servers restarted. One of AUSTIN's goals was to gain access to the software distributed through the www.kernel.org website:

COUNT ONE: (18 U.S.C. § 1030(a)(5)(A) – Intentional Transmission of Information, Code, or Command Causing Damage to a Protected Computer)

- 12. The factual allegations of Paragraphs One through Eleven are re-alleged and incorporated as if fully set forth here.
- 13. The Linux Foundation leased a server, known as "Odin1," in connection with the operation of the www.kernel.org website. The Odin1 server was connected to the Internet and located in San Jose, California.
- 14. Starting on or about August 13, 2011 and continuing through on or about September 1, 2011, in the Northern District of California and elsewhere, the defendant.

#### DONALD RYAN AUSTIN,

knowingly caused the transmission of a program, information, code, and command, and, as a result of such conduct, intentionally caused damage without authorization to a protected computer; that is, AUSTIN knowingly transmitted a program, information, code, and command to the Odin1 server and thereby caused damage without authorization, and the offense caused loss to a person during a one year period from the defendant's course of conduct affecting a protected computer aggregating at least \$5,000 in value. All in violation of Title 18, United States Code, Sections 1030(a)(5)(A) and (c)(4)(B)(i).

COUNT TWO: (18 U.S.C. § 1030(a)(5)(A) – Intentional Transmission of Information, Code, or Command Causing Damage to a Protected Computer)

- 15. The factual allegations of Paragraphs One through Eleven are re-alleged and incorporated as if fully set forth here.
- 16. The Linux Foundation leased a server, known as "Zeus1," in connection with the operation of the www.kernel.org website. The Zeus1 server was connected to the Internet and located in San Jose, California.
- 17. Starting on or about August 13, 2011 and continuing through on or about September 1, 2011, in the Northern District of California and elsewhere, the defendant,

#### DONALD RYAN AUSTIN

knowingly caused the transmission of a program, information, code, and command, and, as a result of such conduct, intentionally caused damage without authorization to a protected computer; that is, AUSTIN knowingly transmitted a program, information, code, and command to the Zeus 1 server and thereby caused damage without authorization, and the offense caused loss to a person during a one year period from the defendant's course of conduct affecting a protected computer aggregating at least \$5,000 in value. All in violation of Title 18, United States Code, Sections 1030(a)(5)(A) and (c)(4)(B)(i).

COUNT THREE: (18 U.S.C. § 1030(a)(5)(A) – Intentional Transmission of Information, Code, or Command Causing Damage to a Protected Computer)

- 18. The factual allegations of Paragraphs One through Eleven are re-alleged and incorporated as if fully set forth here.
- 19. The Linux Foundation leased a server, known as "Pub3," in connection with the operation of the www.kernel.org website. The Pub3 server was connected to the Internet and located in Redwood City, California.
- 20. Starting on or about August 13, 2011 and continuing through on or about September 1, 2011, in the Northern District of California and elsewhere, the defendant,

#### DONALD RYAN AUSTIN,

knowingly caused the transmission of a program, information, code, and command, and, as a result of INDICTMENT

such conduct, intentionally caused damage without authorization to a protected computer; that is, 1 AUSTIN knowingly transmitted a program, information, code, and command to the Pub3 server and thereby caused damage without authorization, and the offense caused loss to a person during a one year 4 period from the defendant's course of conduct affecting a protected computer aggregating at least 5 \$5,000 in value. All in violation of Title 18, United States Code, Sections 1030(a)(5)(A) and (c)(4)(B)(i). 6 COUNT FOUR: (18 U.S.C. § 1030(a)(5)(A) - Intentional Transmission of Information, Code, or Command Causing Damage to a Protected Computer) 9 The factual allegations of Paragraphs One through Eleven are re-alleged and incorporated 10 as if fully set forth here: 22. 11 P.A. used a computer located in the Northern District of California and connected to the 12 Internet as a private e-mail server. 13 23. Starting on or about August 13, 2011 and continuing through on or about September 1. 2011, in the Northern District of California and elsewhere, the defendant, 15 DONALD RYAN AUSTIN, 16 knowingly caused the transmission of a program, information, code, and command, and, as a result of 17 such conduct, intentionally caused damage without authorization to a protected computer; that is, AUSTIN knowingly transmitted a program, information, code, and command to P.A.'s personal mail 18 server and thereby caused damage without authorization, and the offense caused loss to a person during 19 20 a one year period from the defendant's course of conduct affecting a protected computer aggregating at least \$5,000 in value. All in violation of Title 18, United States Code, Sections 1030(a)(5)(A) and 21 (c)(4)(B)(i). 22 23 FORFEITURE ALLEGATION 24 24. The factual allegations contained in this Indictment are hereby realleged for the purpose of alleging forfeiture pursuant to Title 18, United States Code, Section 1030(i) and (j).

Upon conviction of the offenses in violation of Title 18, United States Code, Section

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INDICTMENT

1030(a)(5) set forth in this Indictment, the defendant,

DONALD RYAN AUSTIN, 1 2 shall forfeit to the United States of America, pursuant to Title 18, United States Code, Section 1030(i) 3 and (j), any personal property used or intended to be used to commit or to facilitate the commission of said violation or a conspiracy to violate said provision, and any property, real or personal, which 5 constitutes or is derived from proceeds traceable to the offenses, including but not limited to: a sum of money equal to the total amount of proceeds defendant obtained or derived, directly or indirectly, from 6 7 the violation. 26. 8 If any of the property described above, as a result of any act or omission 9 of the defendant: 10 cannot be located upon the exercise of due diligence: **a.** . has been transferred or sold to, or deposited with, a third party; 11 b. 12 has been placed beyond the jurisdiction of the court; C. 13 d. has been substantially diminished in value; or 14 has been commingled with other property which cannot be divided without e. 15 difficulty. the United States of America shall be entitled to forfeiture of substitute property pursuant to Title 21. 17 United States Code, Section 853(p), as incorporated by Title 18, United States Code, Section 1030(i)(2) 18 All pursuant to Title 18 United States Code, Section 1030 6 23 16 19 Dated: A TRUE BILL. 20 21 FOREPERSON BRIAN J. STRETCH United States Attorne 23 24 MATTHEW A. PARRELLA Chief, CHIP Unit 26 27 (Approved as to form: 28 INDICTMENT

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## SEALED SY COURT ORDER

AO 257 (Rev. 6/78)

Comments:

DEFENDANT INFORMATION RELATIVE TO	A CRIMINAL ACTION - IN U.S. DISTRICT COURT
BY: COMPLAINT INFORMATION INDICTMENT	Name of District Court, and/or Judge/Magistrate_Location
SUPERSEDING	NORTHERN DISTRICT OF CALIFORNIA
OFFENSE CHARGED	SAN FRANCISCO DIVISION
18 U.S.C § 1030(a)(5(A).	W/2222
Minor	DEFENDANT - U.S
Misde-	NORTHERN U.S. DISSOON
☐ meanor	DONALD RYAN AUSTIN
ズ Felony	DISTRICT COURT NUMBER
PENALTY: Ten years imprisonment, three years supervised release, \$250,000. fine, \$100 special assessment, forfeiture, restitution.	0016-00269 %
line, 3 (00 pherial assessment) tollerme termonous	INTO OCC.
	DEFENDANT
PROCEEDING	IS NOT IN CUSTODY
Name of Complaintant Agency, or Person (& Title, if any)	Has not been arrested, pending outcome this proceeding
[Value of Complainant Agency] of a cise of a small and	1) X If not detained give date any prior summons was served on above charges
FBI	341111011011011011011111111111111111111
person is awaiting trial in another Federal or State Court,	2) Is a Fugitive
give name of court	
	3) Is on Bail or Release from (show District)
this person/proceeding is transferred from another district	
per (circle one) FRCrp 20, 21, or 40. Show District	
in the second se	IS IN CUSTODY
	4) On this charge
this is a reprosecution of	
charges previously dismissed which were dismissed on motion SHOW	5) On another conviction Federal State
of: DOCKET NO.	6) Awaiting trial on other charges
U.S. ATTORNEY DEFENSE	If answer to (6) is "Yes", show name of institution:
· · · · · · · · · · · · · · · · · · ·	it answer to (o) is tes, show harne of institutions.
this prosecution relates to a	Hea detainer T Yes 1 If "Yes"
pending case involving this same defendant MAGISTRATE	Has detainer in the give date
defendant MAGISTRATE CASE NO.	I Hed
prior proceedings or appearance(s)	DATE OF Month/Day/Year ARREST
before U.S. Magistrate regarding this defendant were recorded under	
Geleudaur Mete Lecolded disca	Or If Arresting Agency & Warrant were not
Name and Office of Person	DATE TRANSFERRED Month/Day/Year
Furnishing Information on this form BRIAN J. STRETCH	TO U.S. CUSTODY 7
☑ U.S. Attorney ☐ Other U.S. Agency	
Name of Assistant U.S. Attorney (if assigned) MICHELLE J. KANE	This report amends AO 257 previously submitted
Title Tries (In decignou)	
PROCESS:	DRMATION OR COMMENTS
SUMMONS NO PROCESS* WARRANT	Bail Amount: No bail
	Dail Willouis 140 Dail
If Summons, complete following: Arraignment Initial Appearance	*Where defendant previously apprehended on complaint, no new summons or
Defendant Address:	warrant needed, since Magistrate has scheduled arraignment
	Defens hides
	Date/Time: Before Judge:

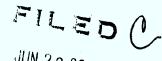
1 2 3	BRIAN J. STRETCH (CABN 163973) United States Attorney  DAVID R. CALLAWAY (CABN 121782) Chief, Criminal Division				
4 5 6 7 8	MICHELLE J. KANE (CABN 210579) Assistant United States Attorney  1301 Clay Street, Suite 3408 Oakland, California 94612 Telephone: (510) 637-3680 FAX: (510) 637-3724 michelle.kane3@usdoj.gov				
9	Attorneys for Plaintiff				
10	UNITED STATES DISTRICT COURT				
11	NORTHERN DISTRICT OF CALIFORNIA				
12	SAN FRANCISCO DIVISION				
13	UNITED STATES OF AMERICA, Criminal 116-00269				
14	Plaintiff, SEALING APPLICATION AND SEALING ORDER				
15	vs. ) SAN FRANCISCO VENUE				
16	DONALD RYAN AUSTIN,				
17	Defendant. ) <u>UNDER SEAL</u>				
18					
19	The United States requests that the Indictment, Penalty Sheet and Arrest Warrant				
20	in the above-captioned case filed with the Court on June 23, 2016, be filed under seal				
21	until further order of the Court, with the exception that the Clerk's office may provide a				
22	copy of the Indictment, Penalty Sheet and Arrest Warrant to the U.S. Attorney's Office				
23	and agents of the Federal Bureau of Investigation.				
24	The sealing application is requested because the government is continuing its				
25	investigation and disclosure of the indictment may thwart the investigation and				
26	apprehension of defendant, potential accomplices, associates, and/or co-conspirators.				
27	///				
28					
	SEALING APPLICATION AND				

1	WHEREFORE, I respectfully request that the Court issue an Order granting this			
2	Application.			
3				
4	DATED: June 22, 2016 Respectfully submitted,			
5	BRIAN J. STRETCH			
6	United States Attorney			
7	Myrul_			
8	MICHELLE J. KANE Assistant United States Attorney			
9	Assiquant Officed Buttes Attorney			
10	ORDER			
11	ORDER			
12	On the government's application, the Indictment, Penalty Sheet, and Arrest Warrant			
13	filed with the Court on June 23, 2016, shall be filed under seal until further order of the			
14	court with the exception that the Clerk's office may provide a copy of the Indictment,			
15	Penalty Sheet and Arrest Warrant to the U.S. Attorney's Office and agents of the Federal			
16	Bureau of Investigation.			
17	IT IS SO ORDERED.			
18	Dated: 6/23, 2016 Landes Wester			
19	KANDIS A. WESTMORE  U.S. Magistrate Judge			
20	, O.B. M. 1-1-5-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1			
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SEALING APPLICATION AND



#### United States District Court Northern District of California



JUN 23 2016

#### CRIMINAL COVER SHEET

SUSAN Y SOONG CLERK US OF TRICT COURT IORTHERN DISTRICT OF COURT OAKLAND CALIFORNIA

<u>Instructions</u>: Effective January 3, 2012, this Criminal Cover Sheet must be completed and submitted, along with the Defendant Information Form, for each new criminal case.

Case Name:  USA v. DONALD RYAN AUSTIN	Case Number: CR16-00269
Total Number of Defendants:  1 2-7 8 or mo	Is This Case Under Seal?  Yes  No
Does this case involve ONLY charges under 8 U.S.C. § 1325  Yes No	and/or 1326?
Venue (Per Crim. L.R. 18-1):  SF / OAK SJ EUR	MON
Is any defendant charged with a death-penalty-eligible crim	Assigned AUSA (Lead Attorney): MICHELLE J. KANE, AUSA
Is this a RICO Act gang case?  Yes No	Date Submitted: June 23, 2016
Comments:	

Save

Print

Clear Form