

IN THE
Supreme Court of the United States

DHL SUPPLY CHAIN (NETHERLANDS) B.V.,

Petitioner,

v.

DEX SYSTEMS, INC.,

Respondent.

ON PETITION FOR A WRIT OF CERTIORARI TO THE UNITED STATES
COURT OF APPEALS FOR THE NINTH CIRCUIT

SUPPLEMENTAL APPENDIX

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August 3, 2018

282122



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EXHIBIT 1

EXHIBIT 2

Deutsche Post DHL**xVPN Request****xVPN Request****DHL Link Requester**

Name	Gerard Van Seumeren
Phone	+31 20 6555645
Email	Gerard.vanSeumeren@dhl.com
Service Desk Group	

DHL Link Request Owner

Name	Mark Kruysen
Job Title	Service Level Manager
Department	IT Benelux
Phone	+31 6 52013749
Email	mark.kruysen@dhl.com
Business Division	V7, Supply Chain
Service Desk Group	

DHL Link Secondary Contact

Name	Eugene Bijsterveld
Job Title	Application Analyst
Department	IT Benelux
Phone	+31 6 53332693
Email	Eugene.Bijsterveld@dhl.com
Business Division	V7, Supply Chain
Service Desk Group	

Business Unit and Other Information

Business Unit	DSC
Business Region	Mainland Europe
Country	Netherlands
Crest Code	
Cost Center	
Service	
Sales Order (Work Package) Number	15012825
Project Name	N.A.
Request Name	DEXVPN004
Request Id	130122-XVP-6908
Workflow Status	In Production
Task Progress	
Request Type	4
Creation Date	2013-01-22T14:45:20
Archive	No
Priority	Normal
New/Update	Update
Returned to implementation?	

3rd Party Information

3rd Party Reference (e.g., Customer, Partner or External)	DEX
Company Name	DEX (Data Exchange Corp.)
Address	3600 Via Pescador
City	Camarillo
State	CA
Postal Code/ZIP	93012

Country	United States
Phone	

3rd Party Information - Primary Business Contact

Name	Rajiv Duggal
Function	
Phone	805-312-3499
Email	rduggal@dexsystems.com

3rd Party Technical Contact Information

Name	
Phone	
Email	

ELR Requirements

Please specify ELR expiration date	12.01.2016
Average traffic throughput	
Unit	
Max. traffic throughput	
Unit	
Maximum number of Concurrent Connections (optional)	

Business Case

Business Case	DHL and DEX work in partnership to provide a complete end to end solution for reverse logistics business of Plantronics, a new customer in Beringe. Warehouse system is provided by DEX
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Attached Supporting Documents

Document Name	File Name
ELR DEXVPN004	Close PIR for Requester - ELR DEXVPN004.msg
GerardVanSeumeren_Approved_GrantAccess2-FrankDamman_TomJacobs_DEXVPN004	GerardVanSeumeren_Approved_GrantAccess2-FrankDamman_TomJacobs_DEXVPN004.msg

Data Classification

Data types		
Data type	Data Classification	Data Regulations
Web Access to application and Print output from application	For Internal Use	None

Additional Information

Additional Information	Customer NAT IP: 2.248.16.24/29
------------------------	---------------------------------

Admin Additional Information

Admin Important Information	
Admin Additional Info	
Document Name	File Name
Not specified	

Communication Matrix/Network Diagrams

Document Name	File Name
Not specified	

Primary Gateways

Primary Gateway			
Gateway	External IP Address (Routable, No NAT)	Make and Model	Notes
Primary DHL Gateway	165.72.209.21		
Primary Remote Gateway	54.246.156.132	Open VPN	
Encryption Domain			
Remote IP Address/Network	DHL IP Address/Network		
10.50.0.0/24	165.72.220.40/29		
10.50.1.0/24	165.72.220.48/29		
	165.72.220.56/29		

Secondary Gateways

Is redundant VPN needed?		No
Secondary Gateway		
Gateway	External IP Address (Routable, No NAT)	Make and Model
Secondary DHL Gateway		
Secondary Remote Gateway	72.67.208.180	Cisco 2911
Encryption Domain		
Remote IP Address/Network	DHL IP Address/Network	
10.1.0.0/16		

Third Gateways

Is third Gateways needed?		No
Third Gateway		
Gateway	External IP Address (Routable, No NAT)	Make and Model
Third DHL Gateway		
Third Remote Gateway		
Encryption Domain		
Remote IP Address/Network	DHL IP Address/Network	
Not specified		

Fourth Gateways

Is fourth Gateways needed?		No
Fourth Gateway		
Gateway	External IP Address (Routable, No NAT)	Make and Model
Fourth DHL Gateway		
Fourth Remote Gateway		
Encryption Domain		
Remote IP Address/Network	DHL IP Address/Network	
Not specified		

IKE

IKE Phase I - II				
IKE Phase	Encryption Algorithm	Hash Algorithm	PFS Diffie Hellman Group	Lifetime
Phase 1	AES 256 - Recommended by DHL	SHA-1 - Recommended by DHL	2 - Recommended by DHL	Other - 28800
Phase 2	AES 256 - Recommended by DHL	SHA-1 - Recommended by DHL	2 - Recommended by DHL	3600s - Recommended by DHL

NAT Rules

NAT Rules	
Customer IP	Customer Translated IP
10.50.0.0/24	2.248.16.24

Segmentation Firewall

Are the DHL servers behind a firewall on the internal network?	No
Firewall Hostname	

Access Control

Access Control					
Source - Destination					
Id	Source IP Address / Host Name	Source Translated IP	Destination IP Address / Host Name	Destination Translated IP	Protocol
2	1. 10.50.0.0/24 -	1. 2.248.16.24	1. 2.31.40.73 - host [2.31.40.73 - nlpannp040073.nl.dhl.com]	1. 165.72.220.40 2.	1. JetDirect,TCP,9100 2. LPD,TCP,515

			[2.31.40.79 - nlpannp040079.nl.dhl.com]	3.	4. PING,ICMP,0
			3. 2.31.40.61 - host	165.72.220.42	5. SNMP,UDP,161
			[2.31.40.61 - 2.31.40.61]	4.	
			4. 2.31.40.67 - host	165.72.220.43	
			[2.31.40.67 - 2.31.40.67]	5.	
			5. 198.141.83.91 - host	165.72.220.44	
			[198.141.83.91 - 198.141.83.91]	6.	
			6. 198.141.83.92 - host	165.72.220.45	
			[198.141.83.92 - bedgbwn009371.prg-dc.dhl.com]	7.	
			7. 198.141.83.93 - host	165.72.220.46	
			[198.141.83.93 - bedgbwn009886.prg-dc.dhl.com]	8.	
			8. 198.141.83.94 - host	165.72.220.47	
			[198.141.83.94 - 198.141.83.94]	9.	
			9. 198.141.83.95 - host	165.72.220.48	
			[198.141.83.95 - 198.141.83.95]	10.	
			10. 198.141.83.96 - host	165.72.220.49	
			[198.141.83.96 - bedgbwn009665.prg-dc.dhl.com]	11.	
			11. 198.141.83.97 - host	165.72.220.50	
			[198.141.83.97 - 198.141.83.97]	12.	
			12. 198.141.83.98 - host	165.72.220.51	
			[198.141.83.98 - bedgbwna100958.prg-dc.dhl.com]	13.	
			13. 10.162.18.55 - host	165.72.220.52	
			[10.162.18.55 - host [10.162.18 55]]	14.	
			14. 10.162.18.56 - host	165.72.220.53	
			[10.162.18.56 - host [10.162.18 56]]	15.	
			15. 10.162.18.57 - host	165.72.220.54	
			[10.162.18.57 - host [10.162.18 57]]	16.	
			16. 10.162.18.58 - host	165.72.220.55	
			[10.162.18.58 - host [10.162.18 58]]	17.	
			17. 10.162.18.53 - host	165.72.220.56	
			[10.162.18.53 - host [10.162.18 53]]	18.	
			18. 10.162.18.67 - host	165.72.220.57	
			[10.162.18.67 - host [10.162.18 67]]	19.	
			19. 10.162.18.68 - host	165.72.220.58	
			[10.162.18.68 - host [10.162.18 68]]	20.	
			20. 10.162.18.69 - host	165.72.220.59	
			[10.162.18.69 - host [10.162.18 69]]	21.	
			21. 198.141.83.77 - host	165.72.220.60	
			[198.141.83.77 - host [198.141.83.77]]	22.	
			22. 198.141.83.85 - host	165.72.220.61	
			[198.141.83.85 - host [198.141.83.85]]	23.	
			23. 198.141.83.86 - host	165.72.220.62	
			[198.141.83.86 - host [198.141.83.86]]	24.	
			24. 10.162.18.71 - host	165.72.220.63	
			[10.162.18.71 - host [10.162.18.71]]	25.	
			25. 198.141.83.87 - host	165.72.235.192	
			[198.141.83.87]		

CMDB

Id	CMDB Service Name	CMDB Service Owner
2		

Notes

Id	Notes
2	

Related requests

Related Requests	
Id	Name
Not specified	

Readers & Notifications

List of people who can access this request		
Name	Email	Role
Pieter Oudenhoven	pieter.oudenhoven@dhl.com	Senior Network Specialist
Frank Damman	Frank.Damman@dhl.com	Senior Network Engineer
Tom Jacobs	Tom.Jacobs@dhl.com	Network Engineer

List of service owners who can receive notifications		
Name	Email	Role
Not specified		

Non-Disclosure Agreement

Attach Non-Disclosure Agreement (NDA)	
Document Name	File Name
NDA DEX -DHL	NDA DEX for VPN.pdf

Version Description

This Version Description	Added printer 198.141.83.87 Added icmp and snmp for queue performance optimization
Information for business owner	
Reason for Reimplementation	
Reason for Reimpl. Exlanation	
Return to Requester Reason	
Return to Requester - CC emails	
Return to Implementation Reason	
Return to Implementation Reason Explanation	

Approvals

List of Approvals:						
Approval Type	Approved	Emails	Approved By	Role	Date	Note
Technical Approval	Y	elm.netmaster@dhl.com BernardRoble.Penayoro@dhl.com	bernardp	ELM Member	30/01/2014 10:35:47	[29Jan14] Update Req on Add 'target' (Line-25) & Port# (Line-4 & 5) in Rule-ID#-[2] -kowong-
Security Approval	Y	Security.Prague.ITS@dhl.com;	jsnajdr	Security Approver	31/01/2014 13:29:40	
Financial Approval	Y			Financial Approver		Not required yet
Implementation	Y	elm.netmaster@dhl.com; irwansafarizal.othman@dhl.com	irwanoth	ELM Member	05/02/2014 12:50:00	
PIR for Requester	Y		18849504	Requester	07/02/2014 22:30:28	
PIR for SA	Y	elm.netmaster@dhl.com	irwanoth	SA	05/02/2014 12:50:00	

By submitting this ELR, I confirm that I have read and agreed with the above	Y
I confirm that the Service Owners of services in scope of this ELR provided their approval for implementation	Y
Submitted by	Frank Damman
Submitter's Email	Frank.Damman@dhl.com

EXHIBIT 3

Deutsche Post DHL**xVPN Request****xVPN Request****DHL Link Requester**

Name	Gerard Van Seumeren
Phone	+31 20 6555645
Email	Gerard.vanSeumeren@dhl.com
Service Desk Group	

DHL Link Request Owner

Name	Mark Kruysen
Job Title	Service Level Manager
Department	IT Benelux
Phone	+31 6 52013749
Email	mark.kruysen@dhl.com
Business Division	V7, Supply Chain
Service Desk Group	

DHL Link Secondary Contact

Name	Eugene Bijsterveld
Job Title	Application Analyst
Department	IT Benelux
Phone	+31 6 53332693
Email	Eugene.Bijsterveld@dhl.com
Business Division	V7, Supply Chain
Service Desk Group	

Business Unit and Other Information

Business Unit	DSC
Business Region	Mainland Europe
Country	Netherlands
Crest Code	
Cost Center	
Service	
Sales Order (Work Package) Number	15012825
Project Name	N.A.
Request Name	DEXPHX005
Request Id	130212-XVP-7532
Workflow Status	In Production
Task Progress	
Request Type	4
Creation Date	2013-02-12T14:55:05
Archive	No
Priority	Normal
New/Update	Update
Returned to implementation?	

3rd Party Information

3rd Party Reference (e.g., Customer, Partner or External)	DEX
Company Name	DEX (Data Exchange Corp.)
Address	3600 Via Pescador
City	Camarillo
State	CA
Postal Code/ZIP	93012

Country	United States
Phone	

3rd Party Information - Primary Business Contact

Name	Rajiv Duggal
Function	
Phone	805-312-3499
Email	rduggal@dexsystems.com

3rd Party Technical Contact Information

Name	
Phone	
Email	

ELR Requirements

Please specify ELR expiration date	12.01.2016
Average traffic throughput	
Unit	
Max. traffic throughput	
Unit	
Maximum number of Concurrent Connections (optional)	

Business Case

Business Case	DHL and DEX work in partnership to provide a complete end to end solution for reverse logistics business of Plantronics, a new customer in Beringe. Warehouse system is provided by DEX
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Attached Supporting Documents

Document Name	File Name
David_pending-word_commercial-approval_TA_DEXPXH005	David_pending-word_commercial-approval_TA_DEXPXH005.msg

Data Classification

Data types			
Data type	Data Classification	Data Regulations	
Web Access to application and Print output from application	For Internal Use	None	

Additional Information

Additional Information	
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Admin Additional Information

Admin Important Information	
Admin Additional Info	
Document Name	File Name
Not specified	

Communication Matrix/Network Diagrams

Communication Matrix/Network Diagrams	
Document Name	File Name
Not specified	

Primary Gateways

Primary Gateway			
Gateway	External IP Address (Routable, No NAT)	Make and Model	Notes
Primary DHL Gateway	199.41.253.14	Juniper	
Primary Remote Gateway	72.67.208.180	Cisco 2911	
Encryption Domain			
Remote IP Address/Network	DHL IP Address/Network		
7.250.77.160/29	199.41.0.0/22		

Secondary Gateways

Secondary Gateway

Gateway	External IP Address (Routable, No NAT)	Make and Model
Secondary DHL Gateway		
Secondary Remote Gateway	72.67.208.180	Cisco 2911

Encryption Domain

Remote IP Address/Network	DHL IP Address/Network
10.1.0.0/16	

Third Gateways

Is third Gateways needed?	No
---------------------------	----

Third Gateway

Gateway	External IP Address (Routable, No NAT)	Make and Model
Third DHL Gateway		
Third Remote Gateway		

Encryption Domain

Remote IP Address/Network	DHL IP Address/Network
Not specified	

Fourth Gateways

Is fourth Gateways needed?	No
----------------------------	----

Fourth Gateway

Gateway	External IP Address (Routable, No NAT)	Make and Model
Fourth DHL Gateway		
Fourth Remote Gateway		

Encryption Domain

Remote IP Address/Network	DHL IP Address/Network
Not specified	

IKE**IKE Phase I - II**

IKE Phase	Encryption Algorithm	Hash Algorithm	PFS Diffie Hellman Group	Lifetime
Phase 1	AES 256 - Recommended by DHL	SHA-1 - Recommended by DHL	2 - Recommended by DHL	Other - 28800
Phase 2	AES 256 - Recommended by DHL	SHA-1 - Recommended by DHL	2 - Recommended by DHL	3600s - Recommended by DHL

NAT Rules**NAT Rules**

Customer IP	Customer Translated IP
Not specified	

Segmentation Firewall

Are the DHL servers behind a firewall on the internal network?	No
Firewall Hostname	

Access Control**Access Control**

Source - Destination

Id	Source IP Address / Host Name	Source Translated IP	Destination IP Address / Host Name	Destination Translated IP	Protocol
2	1. 7.250.77.160/29 -		1. 2.31.40.73 - 2. 2.31.40.79 - 3. 2.31.40.61 - 4. 2.31.40.67 - 5. 198.141.83.91 - 6. 198.141.83.92 -	1. 199.41.3.140 2. 199.41.3.141 3. 199.41.3.142	1. JetDirect,TCP,9100 2. LPD,TCP,515 3. IPP,TCP,631

		7. 198.141.83.93 - 8. 198.141.83.94 - 9. 198.141.83.95 - 10. 198.141.83.96 - 11. 198.141.83.97 - 12. 198.141.83.98 - 13. 10.162.18.55 - 14. 10.162.18.56 - 15. 10.162.18.57 - 16. 10.162.18.58 - 17. 10.162.18.53 - 18. 10.162.18.67 - 19. 10.162.18.68 - 20. 10.162.18.69 - 21. 198.141.83.77 - 22. 198.141.83.85 - 23. 198.141.83.86 - 24. 10.162.18.71 - 25. 198.141.83.87 -	4. 199.41.3.143 5. 199.41.3.144 6. 199.41.3.145 7. 199.41.3.146 8. 199.41.3.147 9. 199.41.3.148 10. 199.41.3.149 11. 199.41.3.150 12. 199.41.3.151 13. 199.41.3.152 14. 199.41.3.153 15. 199.41.3.154 16. 199.41.3.155 17. 199.41.3.156 18. 199.41.3.157 19. 199.41.3.158 20. 199.41.3.159 21. 199.41.3.160 22. 199.41.3.161 23. 199.41.3.162 24. 199.41.3.163 25. 199.41.3.139
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CMDB

Id	CMDB Service Name	CMDB Service Owner
2		

Notes

Id	Notes
2	

Related requests

Related Requests	
Id	Name
Not specified	

Readers & Notifications

List of people who can access this request		
Name	Email	Role
Pieter Oudenhoven	pieter.oudenhoven@dhl.com	Senior Network Specialist

List of service owners who can receive notifications		
Name	Email	Role
Not specified		

Non-Disclosure Agreement

Attach Non-Disclosure Agreement (NDA)	
Document Name	File Name

NDA DEX -DHL

NDA DEX for VPN.pdf

Version Description

This Version Description	Aded printer 198.141.83.87
Information for business owner	
Reason for Reimplementation	
Reason for Reimpl. Exlanation	
Return to Requester Reason	
Return to Requester - CC emails	
Return to Implementation Reason	
Return to Implementation Reason Explanation	

Approvals**List of Approvals:**

Approval Type	Approved	Emails	Approved By	Role	Date	Note
Technical Approval	Y	AMIS_TS_Security@dhl.com	dwimberl	ELM Member	18/06/2014 22:58:54	2014-05-15: Update on behalf David (TSNA) that AMIS team is still awaiting word for commercial approval. - kowong- ----- 2014-04-30: Update Req on Add target (Line-25) in Rule-ID#-[2] - kowong- -----
Security Approval	Y	todd.luther@t-systems.com alvin.rees@t-systems.com	tluther	Security Approver	18/06/2014 23:10:35	
Financial Approval	Y			Financial Approver		Not required yet
Implementation	Y	AMIS_TS_Security@dhl.com	rafadela	ELM Member	19/06/2014 00:25:14	
PIR for Requester	Y		14806541	Requester	29/06/2014 19:55:04	
PIR for SA	Y	elm.netmaster@dhl.com	rafadela	SA	19/06/2014 00:25:14	

Submission

By submitting this ELR, I confirm that I have read and agreed with the above	Y
I confirm that the Service Owners of services in scope of this ELR provided their approval for implementation	Y
Submitted by	Eugene Bijsterveld
Submitter's Email	Eugene.Bijsterveld@dhl.com