CITRIX®

NetScaler

The world's most advanced cloud network platform

NetScaler is the industry's leading web and application delivery controller that maximizes the performance and availability of all applications and data, and also provide secure remote access to any application from any device type. NetScaler products are easily selected by determining the edition providing functional needs and the appropriate physical or virtual appliance platform to fulfill performance needs.

Feature	Platinum Edition	Enterprise Edition	Standard Edition	NetScaler Gateway	*Universal License
Application availability					
L4 load balancing and L7 content switching	•	•	•		
Microsoft SQL, MYSQL	•	•	•		
AppExpert rate controls	•	•	•		
IPv6 support	•	•	•		
Traffic domains	•	•	•		
Subscriber-aware traffic steering	•	•	•		
Global server load balancing (GSLB)	•	•	•		
Carrier-Grade Network Address Translation (CGNAT)	•	•			
Dynamic routing protocols	•	•			
Surge protection and priority queuing	•	•			
MQTT support	•	•			
TriScale Clustering	•	•			
Application acceleration					
Client and server TCP optimizations	•	•	•		
AppCompress	•	•	•		
AppCache	•	•			
Application security					
L4 DoS defenses	•	•	•		
L7 DoS defenses	•	•	•		
L7 rewrite and responder	•	•	•		
XenMobile NetScaler connector	•	•			
AAA for traffic management	•	•			
NetScaler AppFirewall with XML security	•	•			
IP Reputation	•	•			
nFactor authentication	•	•			
NetScaler Cloud Connector	•				
Front-end optimization**					
Content layout	•	•			
Domain sharding	•	•			
Image optimization	•	•			
Style sheets and JavaScript optimization	•	•			
TCP protocol optimization					
Multi-path TCP	•	•	•		
BIC and cubic TCP	•	•	•		

Feature	Platinum Edition	Enterprise Edition	Standard Edition	NetScaler Gateway	*Universal License
Simple manageability					
NetScaler Insight Center-Web Insight	•	•	•		
AppExpert visual policy builder	•	•	•		
ActionAnalytics	•	•	•		
AppExpert service callouts, templates and visualizers	•	•	•		
Role-based administration and AAA for administration	•	•	•		
Configuration wizards	•	•	•		
Native Citrix web interface	•	•			
Comtrade Management Pack for NetScaler	•				
Citrix Command Center	•	•	•		
Unified Gateway					
Federated Identity	•	•			
One URL/SSO using SAML 2.0	•	•			
Centralized Policy Management (SmartControl)	•				•
Stateless RDP proxy	•	•			•
Microsoft Intune support	•	•			
PCoIP support	•	•	•		
Cluster for ICA proxy (Striped)	•	•			
Monitoring of XenApp/XenDesktop traffic (Real time)	•	•			
Monitoring of XenApp/XenDesktop traffic (Historical)	•				
Monitoring of Gateway traffic (Real time)	•	•			
Monitoring of Gateway traffic (Historical)	•				
NetScaler Gateway					
Broad client support for plugins	•	•	•	•	•
Customizable web portal	•	•	•	•	•
SSL VPN remote access	•	•	•	•	•
ICA proxy to XenApp and XenDesktop	•	•	•	•	
Contextual policies for XenApp/XenDesktop (SmartAccess)	•	•	•	•	•
End Point Analysis	•	•	•	•	•
Secure browser-only access (CVPN)	•	•	•	•	•
Always-On	•	•	•		•
Integration with StoreFront	•	•	•		•

• Standard   • Option

*   Universal license is required on top of a NetScaler (Platinum, Enterprise, Standard) or a Gateway (AGEE) license. Below NetScaler 11.1, Standard and Enterprise Editions include (5) Universal licenses. Platinum Edition includes (100) Universal licenses. Starting NetScaler 11.1, Standard includes 500 Universal Licenses, Enterprise Editions include (1000) Universal licenses and there are no Universal License requirements with Platinum Edition.

** An AppCache license is required for several front-end optimization features

NetScaler Platform	MPX 26200T-100G	MPX 26160T-100G	MPX 26100T-100G
Platform attributes			
Memory	256 GB	256 GB	256 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012	8x 100GE QSFP31	8x 100GE QSFP32	8x 100GE QSFP33
Transceivers support	100GE QSFP28: SR	100GE QSFP28: SR	100GE QSFP28: SR
Raid support	Yes	Yes	Yes
Pay as you grow and BurstPack license upgrades		Upgrade option to MPX 26200T-100G	Upgrade option to MPX 26160T-100G , 26200T-100G
Platform performance			
System throughput, Gbps (L7 throughput)	200	160	100
L7 HTTP requests/sec	5,500,000	4,200,000	3,200,000
SSL transactions/sec (2K key certificates)*	N/A	N/A	N/A
ECDHE transactions/sec**	N/A	N/A	N/A
SSL throughput, Gbps	N/A	N/A	N/A
Compression throughput, Gbps	14	10	17
ICA Proxy/SSL VPN concurrent users	20,000	20,000	20,000
Number of instances included/Maximum number of instances (on SDX models)	N/A	N/A	N/A
Platform mechanical, environmental and regulatory			
Power supplies	2	2	2
Input voltage and frequency ranges	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz
Optional DC power supply	Yes	Yes	Yes
Max power supply	822W	822W	822W
Typical/max power consumption	300W 1024 BTU/Hr	300W 1024 BTU/Hr	300W 1024 BTU/Hr
Weight, lbs	47	48	49
Height	2U	2U	2U
Width	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	28" / 71.2 cm	28" / 71.2 cm	28" / 71.2 cm
Operating temperature	0-45C	0-45C	0-45C
Allowed relative humidity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	IEC 60950-1, 2nd Edition, CSA 60950-1, 2nd Edition, UL 60950-1, 2nd Edition, AS/NZS 6050-1	IEC 60950-1, 2nd Edition, CSA 60950-1, 2nd Edition, UL 60950-1, 2nd Edition, AS/NZS 6050-1	IEC 60950-1, 2nd Edition, CSA 60950-1, 2nd Edition, UL 60950-1, 2nd Edition, AS/NZS 6050-1
Electromagnetic emissions certifications and susceptibility standard	US (FCC (Part 15 Class A)), Europe (CE (EN55022/55024)), Russia (EAC), Saudi Arabia (CITC), Brazil (Anatel), South Africa (ICASA), Mexico (NOM), Egypt (NTRA), Israel (MoC)	US (FCC (Part 15 Class A)), Europe (CE (EN55022/55024)), Russia (EAC), Saudi Arabia (CITC), Brazil (Anatel), South Africa (ICASA), Mexico (NOM), Egypt (NTRA), Israel (MoC)	US (FCC (Part 15 Class A)), Europe (CE (EN55022/55024)), Russia (EAC), Saudi Arabia (CITC), Brazil (Anatel), South Africa (ICASA), Mexico (NOM), Egypt (NTRA), Israel (MoC)
Regulatory compliance	RoHS, WEEE, REACH	RoHS, WEEE, REACH	RoHS, WEEE, REACH
Citrix compliance regulatory model	2U1P1D	2U1P1D	2U1P1D

* Performance varies depending on ciphers deployed, contact your Citrix sales representative for details

** Hybrid SSL optimization (TLS1-ECDHE-RSA-AES128-SHA 256)

NetScaler Platform	MPX 25160T	MPX 25100T	MPX 25200TA	MPX 25160TA
Platform attributes				
Memory	128 GB	128 GB	128 GB	128 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012	32x10G SFP+	32x10G SFP+	8x 40GE QSFP+	8x 40GE QSFP+
Transceivers support	10GE SFP+; 1G SFP - Cu	10GE SFP+; 1G SFP - Cu	40GE QSFP+: SR,	40GE QSFP+: SR,
Raid support	Yes	Yes	Yes	Yes
Pay as you grow and BurstPack license upgrades		Upgrade option to MPX 25160T		Upgrade option to MPX 25200T
Platform performance				
System throughput, Gbps (L7 throughput)	160	100	200	160
L7 HTTP requests/sec	4,600,000	3,200,000	5,200,000	4,600,000
SSL transactions/sec (2K key certificates)*	2,000	1,400	2,000	2,000
ECDHE transactions/sec**	N/A	N/A	N/A	N/A
SSL throughput, Gbps	21	15	30	21
Compression throughput, Gbps	14	10	17	14
ICA Proxy/SSL VPN concurrent users	35,000	35,000	35,000	35,000
Number of instances included/ Maximum number of instances (on SDX models)	N/A	N/A	N/A	N/A
Platform mechanical, environmental and regulatory				
Power supplies	2	2	2	2
Input voltage and frequency ranges	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz
Optional DC power supply	Yes	Yes	Yes	Yes
Max power supply	1000W	1000W	1000W	1000W
Typical/max power consumption	594W/717W	594W/717W	594W/717W	594W/717W
Weight, lbs	60	60	60	60
Height	2U	2U	2U	2U
Width	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	28 1/4"/72 cm	28 1/4"/72 cm	28 1/4"/72 cm	28 1/4"/72 cm
Operating temperature	0-40C	0-40C	0-40C	0-40C
Allowed relative humidity	20%-80%, non-condensing	20%-80%, non-condensing	20%-80%, non-condensing	20%-80%, non-condensing
Safety certifications	CSA	CSA	CSA	CSA
Electromagnetic emissions certifications and susceptibility standard	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES
Regulatory compliance	RoHS, WEEE	RoHS, WEEE	RoHS, WEEE	RoHS, WEEE
Citrix compliance regulatory model	2U1P1D	2U1P1D	2U1P1D	2U1P1D

* Performance varies depending on ciphers deployed, contact your Citrix sales representative for details

** Hybrid SSL optimization (TLS1-ECDHE-RSA-AES128-SHA 256)

NetScaler Platform	MPX 25100TA	MPX/SDX 25200A	MPX/SDX 25160A	MPX/SDX 25100A
Platform attributes				
Memory	128 GB	256 GB	256 GB	256 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012	8x 40GE QSFP+	8x 40GE QSFP+	8x 40GE QSFP+	8x 40GE QSFP+
Transceivers support	40GE QSFP+: SR	40GE QSFP+: SR	40GE QSFP+: SR	40GE QSFP+: SR
Raid support	Yes	Yes	Yes	Yes
Pay as you grow and BurstPack license upgrades	Upgrade option to MPX 25160TA, 25200TA		Upgrade option to MPX/SDX 25200A	Upgrade option to MPX/SDX 25160A, 25200A
Platform performance				
System throughput, Gbps (L7 throughput)	100	200	160	100
L7 HTTP requests/sec	3,200,000	5,200,000	4,000,000	3,000,000
SSL transactions/sec (2K key certificates)*	1,400	69,000	69,000	43,000
ECDHE transactions/sec**	N/A	56,000	47,000	29,000
SSL throughput, Gbps	15	46	42	34
Compression throughput, Gbps	10	17	14	10
ICA Proxy/SSL VPN concurrent users	35,000	35,000	20,000	20,000
Number of instances included/ Maximum number of instances (on SDX models)	N/A	115/115	70/115	20/115
Platform mechanical, environmental and regulatory				
Power supplies	2	2	2	2
Input voltage and frequency ranges	100-240VAC full range, 50-60 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz
Optional DC power supply	Yes	Yes	Yes	Yes
Max power supply	1000W	822W	822W	822W
Typical/max power consumption	594W/717W	300W 1024 BTU/Hr	300W 1024 BTU/Hr	300W 1024 BTU/Hr
Weight, lbs	60	60	60	60
Height	2U	2U	2U	2U
Width	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	28 1/4"/72 cm	28" / 71.2 cm	28" / 71.2 cm	28" / 71.2 cm
Operating temperature	0-40C	0-40C	0-40C	0-40C
Allowed relative humidity	20%-80%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	CSA	CSA	CSA	CSA
Electromagnetic emissions certifications and susceptibility standard	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES
Regulatory compliance	RoHS, WEEE	RoHS, WEEE	RoHS, WEEE	RoHS, WEEE
Citrix compliance regulatory model	2U1P1D	2U1P1D	2U1P1D	2U1P1D

* Performance varies depending on ciphers deployed, contact your Citrix sales representative for details
** Hybrid SSL optimization (TLS1-ECDHE-RSA-AES128-SHA 256)

NetScaler Platform	MPX/SDX 25200-40G	MPX/SDX 25160-40G	MPX/SDX 25100-40G	MPX/SDX 24150
Platform attributes				
Memory	256 GB	256 GB	256 GB	256 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012	4x 40GE QSFP+; 16x 10GE SFP+	4x 40GE QSFP+; 16x 10GE SFP+	4x 40GE QSFP+; 16x 10GE SFP+	24X10GE SFP+ and 12XGE SFP (fiber or copper)
Transceivers support	40GE QSFP+: SR; 10GE SFP+: SR, LR	40GE QSFP+: SR; 10GE SFP+: SR, LR	40GE QSFP+: SR; 10GE SFP+: SR, LR	10GE SFP+: 1G SFP - SR, LR, Cu
Raid support	Yes	Yes	Yes	Yes
Pay as you grow and BurstPack license upgrades		Upgrade option to MPX/SDX 25200-40G	Upgrade option to MPX/SDX 25160-40G, 25200-40G	
Platform performance				
System throughput, Gbps (L7 throughput)	200	160	100	150
L7 HTTP requests/sec	5,000,000	4,000,000	3,000,000	5,800,000
SSL transactions/sec (2K key certificates)*	69,000	69,000	43,000	135,000
ECDHE transactions/sec**	56,000	47,000	29,000	~40,000
SSL throughput, Gbps	46	42	34	44
Compression throughput, Gbps	17	14	10	14.6
ICA Proxy/SSL VPN concurrent users	35,000	20,000	20,000	35,000
Number of instances included/ Maximum number of instances (on SDX models)	115/115	70/115	20/115	80/80
Platform mechanical, environmental and regulatory				
Power supplies	2	2	2	4
Input voltage and frequency ranges	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz
Optional DC power supply	Yes	Yes	Yes	Yes
Max power supply	822W	822W	822W	1100W 3753 BTU/Hr
Typical/max power consumption	300W 1024 BTU/Hr	300W 1024 BTU/Hr	300W 1024 BTU/Hr	850W 2900 BTU/Hr
Weight, lbs	60	60	60	58
Height	2U	2U	2U	2U
Width	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	28" / 71.2 cm	28" / 71.2 cm	28" / 71.2 cm	28" / 71.2 cm
Operating temperature	0-40C	0-40C	0-40C	0-40C
Allowed relative humidity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	CSA	CSA	CSA	CSA
Electromagnetic emissions certifications and susceptibility standard	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES
Regulatory compliance	RoHS, WEEE	RoHS, WEEE	RoHS, WEEE	RoHS, WEEE
Citrix compliance regulatory model	2U1P1D	2U1P1D	2U1P1D	24x10GE SFP+ 12xSFP NST

* Performance varies depending on ciphers deployed, contact your Citrix sales representative for details
** Hybrid SSL optimization (TLS1-ECDHE-RSA-AES128-SHA 256)

NetScaler Platform	MPX/SDX 24100	MPX/SDX 22120	MPX/SDX 22100	MPX/SDX 22080
Platform attributes				
Memory	256 GB	256 GB	256 GB	256 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012	24X10GE SFP+ and 12XGE SFP (fiber or copper)	24x 10GBASE-X SFP+ OR (for NEBS models) 24x 10GBASE-X SFP+ 12x 1000BASE-X SFP (fiber or copper)	24x 10GBASE-X SFP+ OR (for NEBS models) 24x 10GBASE-X SFP+ 12x 1000BASE-X SFP (fiber or copper)	24x 10GBASE-X SFP+ OR (for NEBS models) 24x 10GBASE-X SFP+ 12x 1000 BASE-X SFP (fiber or copper)
Transceivers support	10GE SFP+: 1G SFP - SR, LR, Cu	10GE SFP+: SR, LR; 1G SFP: SX, LX	10GE SFP+: SR, LR	10GE SFP+: SR, LR
Raid support	Yes	Yes	Yes	Yes
Pay as you grow and BurstPack license upgrades	Upgrade option to MPX/SDX 24150		Upgrade option to MPX/SDX 22120	Upgrade option to MPX/SDX 22100 and 22120
Platform performance				
System throughput, Gbps (L7 throughput)	100	120	100	80
L7 HTTP requests/sec	3,500,000	4,700,000/3,700,000	4,500,000/3,700,000	4,000,000/3,700,000
SSL transactions/sec (2K key certificates)*	100,000	560,000 155,000 (NEBS)	460,000 130,000 (NEBS)	340,000 80,000 (NEBS)
ECDHE transactions/sec**	32,000	85,000	73,000	62,000
SSL throughput, Gbps	40	75/56 42 (NEBS)	65/56 35 (NEBS)	55 30 (NEBS)
Compression throughput, Gbps	10	14/12.8	14/12.8	12.5
ICA Proxy/SSL VPN concurrent users	35,000	35,000	35,000	35,000
Number of instances included/ Maximum number of instances (on SDX models)	40/80	80/80	80/80	80/80
Platform mechanical, environmental and regulatory				
Power supplies	4	4	4	4
Input voltage and frequency ranges	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz
Optional DC power supply	Yes	Yes	Yes	Yes
Max power supply	1100W 3753 BTU/Hr	1100W 3753 BTU/Hr	1100W 3753 BTU/Hr	1100W 3753 BTU/Hr
Typical/max power consumption	850W 2900 BTU/Hr	850W 2900 BTU/Hr	850W 2900 BTU/Hr	850W 2900 BTU/Hr
Weight, lbs	58	58	58	58
Height	2U	2U	2U	2U
Width	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	28" / 71.2 cm	28" / 71.2 cm	28" / 71.2 cm	28" / 71.2 cm
Operating temperature	0-40C	0-40C	0-40C	0-40C
Allowed relative humidity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	CSA	CSA	CSA	CSA
Electromagnetic emissions certifications and susceptibility standard	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES
Regulatory compliance	RoHS, WEEE; NEBS Level 3 available	RoHS, WEEE; NEBS Level 3 available	RoHS, WEEE; NEBS Level 3 available	RoHS, WEEE; NEBS Level 3 available
Citrix compliance regulatory model	24x10GE SFP+	24x10GE SFP+	24x10GE SFP+	24x10GE SFP+

* Performance varies depending on ciphers deployed, contact your Citrix sales representative for details

** Hybrid SSL optimization (TLS1-ECDHE-RSA-AES128-SHA 256)

NetScaler Platform	MPX/SDX 22060	MPX/SDX 22040	MPX/SDX 14100	MPX/SDX 14080
Platform attributes				
Memory	256 GB	256 GB	64 GB	64 GB
Ethernet ports	24x 10GBASE-X SFP+ OR (for NEBS models) 24x 10GBASE-X SFP+ 12x 1000BASE-X SFP (fiber or copper)	24x 10GBASE-X SFP+ OR (for NEBS models) 24x 10GBASE-X SFP+ 12x 1000BASE-X SFP (fiber or copper)	16x 10GE SFP+	16x 10GE SFP+
Transceivers support	10GE SFP+: SR, LR	10GE SFP+: SR, LR	10GE SFP+: SR, LR; 1G cu	10GE SFP+: SR, LR; 1G cu
Raid support	Yes	Yes	Yes	Yes
Pay as you grow	Upgrade option to MPX/SDX 22080, 22100 and 22120	Upgrade option to MPX/SDX 22060, 22080, 22100 and 22120		Upgrade option to MPX/SDX 14100
Platform performance				
System throughput, Gbps	60	40	100	80
HTTP requests/sec	3,500,000	2,600,000	3,000,000	2,800,000
SSL transactions/sec (2k key certificates)*	225,000 65,000 (NEBS)	120,000 40,000 (NEBS)	69,000	69,000
ECDHE transactions/sec**	44,000	28,000	33,500	32,000
SSL throughput	45 22 (NEBS)	35 18 (NEBS)	46	43
Compression throughput	11	8	10	8.5
ICA Proxy/SSL VPN concurrent users	35,000	35,000	20,000	20,000
Number of instances included/ Maximum number of instances (on SDX models)	80/80	20/80	25/25	25/25
Platform mechanical, environmental and regulatory				
Power supplies	4	4	2	2
Input voltage	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz
Optional DC power supply	Yes	Yes	Yes	Yes
Max power consumption	1100W 3753 BTU/Hr	1100W 3753 BTU/Hr	528W	528W
Typical power consumption	850W 2900 BTU/Hr	850W 2900 BTU/Hr	300W 1024 BTU/Hr	300W 1024 BTU/Hr
Weight, lbs	58	58	60	60
Height	2U	2U	2U	2U
Width	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	28" / 71.2 cm	28" / 71.2 cm	28" / 71.2 cm	28" / 71.2 cm
Operating temperature	0-40C	0-40C	0-40C	0-40C
Allowed relative humity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	CSA	CSA	CSA	CSA
Electromagnetic emissions certifications	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES
Regulatory compliance	RoHS, WEEE; NEBS Level 3 available	RoHS, WEEE; NEBS Level 3 available	RoHS, WEEE	RoHS, WEEE
Citrix compliance regulatory model	24x10GE SFP+	24x10GE SFP+	2U1P1B	2U1P1B

* Performance varies depending on ciphers deployed, contact your Citrix sales representative for details
** Hybrid SSL optimization (TLS1-ECDHE-RSA-AES128-SHA 256)

NetScaler Platform	MPX/SDX 14060	MPX/SDX 14040	MPX/SDX 14030	MPX/SDX 14020
Platform attributes				
Memory	64 GB	64 GB	64 GB	64 GB
Ethernet ports	16x 10GE SFP+	16x 10GE SFP+	16x 10GE SFP+	16x 10GE SFP+
Transceivers support	10GE SFP+: SR, LR; 1G cu	10GE SFP+: SR, LR; 1G cu	10GE SFP+: SR, LR; 1G cu	10GE SFP+: SR, LR; 1G cu
Raid support	Yes	Yes	Yes	Yes
Pay as you grow	Upgrade option to MPX/SDX 14080 and 14100	Upgrade option to MPX/SDX 14060, 14080 and 14100	Upgrade option to MPX/SDX 14040, 14060, 14080 and 14100	Upgrade option to MPX/SDX 14030, 14040, 14060, 14080 and 14100
Platform performance				
System throughput, Gbps	60	40	30	20
HTTP requests/sec	2,400,000	2,400,000	2,000,000	1,700,000
SSL transactions/sec (2k)*	69,000	42,000	30,000	22,000
ECDHE transactions/sec**	31,500	25,500	23,000	20,000
SSL throughput	40	34	23	21
Compression throughput	8	6	5	4.4
ICA Proxy/SSL VPN concurrent users	20,000	20,000	20,000	20,000
Number of instances included/ Maximum number of instances (on SDX models)	25/25	20/25	10/25	5/25
Platform mechanical, environmental and regulatory				
Power supplies	2	2	2	2
Input voltage	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz
Optional DC power supply	Yes	Yes	Yes	Yes
Max power consumption	528W	528W	528W	528W
Typical power consumption	300W 1024 BTU/Hr	300W 1024 BTU/Hr	300W 1024 BTU/Hr	300W 1024 BTU/Hr
Weight, lbs	60	60	60	60
Height	2U	2U	2U	2U
Width	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	28" / 71.2 cm	28" / 71.2 cm	28" / 71.2 cm	28" / 71.2 cm
Operating temperature	0-40C	0-40C	0-40C	0-40C
Allowed relative humity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	CSA	CSA	CSA	CSA
Electromagnetic emissions certifications	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES
Regulatory compliance	RoHS, WEEE	RoHS, WEEE	RoHS, WEEE	RoHS, WEEE
Citrix compliance regulatory model	2U1P1B	2U1P1B	2U1P1B	2U1P1B

* Performance varies depending on ciphers deployed, contact your Citrix sales representative for details
** Hybrid SSL optimization (TLS1-ECDHE-RSA-AES128-SHA 256)

NetScaler Platform	MPX 14100-40C	MPX 14080-40C	MPX 14060-40C	MPX 14040-40C
Platform attributes				
Memory	64 GB	64 GB	64 GB	64 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012	4x 40GE QSFP+; 4x 10GE SFP+; 4x 10GBase-T	4x 40GE QSFP+; 4x 10GE SFP+; 4x 10GBase-T	4x 40GE QSFP+; 4x 10GE SFP+; 4x 10GBase-T	4x 40GE QSFP+; 4x 10GE SFP+; 4x 10GBase-T
Transceivers support	40GE QSFP+: SR; 10GE SFP+: SR, LR	40GE QSFP+: SR; 10GE SFP+: SR, LR	40GE QSFP+: SR; 10GE SFP+: SR, LR	40GE QSFP+: SR; 10GE SFP+: SR, LR
Raid support	Yes	Yes	Yes	Yes
Pay as you grow and Burst-Pack license upgrades		Upgrade option to MPX 14100-40C	Upgrade option to MPX 14080-40C, 14100-40C	Upgrade option to MPX 14060-40C, 14080-40C, 14100-40C
Platform performance				
System throughput, Gbps (L7 throughput)	100	80	60	40
L7 HTTP requests/sec (MPX/SDX)	2,800,000	2,800,000	2,400,000	2,400,000
SSL transactions/sec (2K key certificates)*	69,000	69,000	69,000	42,000
ECDHE transactions/sec**	33,500	32,000	31,500	25,500
SSL throughput, Gbps	45	43	40	34
Compression throughput, Gbps	8.6	8.5	8	6
ICA Proxy/SSL VPN concurrent users	20,000	20,000	20,000	20,000
Number of instances included (for SDX models)	N/A	N/A	N/A	N/A
Platform mechanical, environmental and regulatory				
Power supplies	2	2	2	2
Input voltage and frequency ranges	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz
Optional DC power supply	Yes	Yes	Yes	Yes
Max power supply	528W	528W	528W	528W
Typical/max power consumption	300W 1024 BTU/Hr	300W 1024 BTU/Hr	300W 1024 BTU/Hr	300W 1024 BTU/Hr
Weight, lbs	60	60	60	60
Height	2U	2U	2U	2U
Width	EIA 310-D, IEC 60297, DIN 41494 A1:G30 rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 A1:G30 rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	28" / 71.2 cm	28" / 71.2 cm	28" / 71.2 cm	28" / 71.2 cm
Operating temperature	0-40C	0-40C	0-40C	0-40C
Allowed relative humidity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	CSA	CSA	CSA	CSA
Electromagnetic emissions certifications and susceptibility standard	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES
Regulatory compliance	RoHS, WEEE	RoHS, WEEE	RoHS, WEEE	RoHS, WEEE
Citrix compliance regulatory model	2U1P1B	2U1P1B	2U1P1B	2U1P1B

* Performance varies depending on ciphers deployed, contact your Citrix sales representative for details

** Hybrid SSL optimization (TLS1-ECDHE-RSA-AES128-SHA 256)

NetScaler Platform	MPX 14020-40C	MPX/SDX 14100-40G	MPX/SDX 14080-40G	MPX/SDX 14060-40G
Platform attributes				
Memory	64 GB	64 GB	64 GB	64 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012	4x 40GE QSFP+; 4x 10GE SFP+; 4x 10GBase-T	4x 40GE QSFP+; 16x 10GE SFP+	4x 40GE QSFP+; 16x 10GE SFP+	4x 40GE QSFP+; 16x 10GE SFP+
Transceivers support	40GE QSFP+: SR; 10GE SFP+: SR, LR	40GE QSFP+: SR; 10GE SFP+: SR, LR	40GE QSFP+: SR; 10GE SFP+: SR, LR	40GE QSFP+: SR; 10GE SFP+: SR, LR
Raid support	Yes	Yes	Yes	Yes
Pay as you grow and Burst-Pack license upgrades	Upgrade option to MPX 14040-40C, 14060-40C, 14080-40C, 14100-40C		Upgrade option to MPX/SDX 14100-40G	Upgrade option to MPX/SDX 14080-40G, 14100-40G
Platform performance				
System throughput, Gbps (L7 throughput)	20	100	80	60
L7 HTTP requests/sec (MPX/SDX)	2,400,000	2,800,000	2,800,000	2,400,000
SSL transactions/sec (2K key certificates)*	42,000	69,000	69,000	69,000
ECDHE transactions/sec**	20,000	33,500	32,000	31,500
SSL throughput, Gbps	34	45	43	40
Compression throughput, Gbps	6	8.6	8.5	8
ICA Proxy/SSL VPN concurrent users	20,000	20,000	20,000	20,000
Number of instances included (for SDX models)	N/A	25/25	25/25	25/25
Platform mechanical, environmental and regulatory				
Power supplies	2	2	2	2
Input voltage and frequency ranges	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz
Optional DC power supply	Yes	Yes	Yes	Yes
Max power supply	528W	528W	528W	528W
Typical/max power consumption	300W 1024 BTU/Hr	300W 1024 BTU/Hr	300W 1024 BTU/Hr	300W 1024 BTU/Hr
Weight, lbs	60	60	60	60
Height	2U	2U	2U	2U
Width	EIA 310-D, IEC 60297, DIN 41494 A1:G30 rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 A1:G30 rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 A1:G30 rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	28" / 71.2 cm	28" / 71.2 cm	28" / 71.2 cm	28" / 71.2 cm
Operating temperature	0-40C	0-40C	0-40C	0-40C
Allowed relative humidity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	CSA	CSA	CSA	CSA
Electromagnetic emissions certifications and susceptibility standard	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES
Regulatory compliance	RoHS, WEEE	RoHS, WEEE	RoHS, WEEE	RoHS, WEEE
Citrix compliance regulatory model	2U1P1B	2U1P1B	2U1P1B	2U1P1B

* Performance varies depending on ciphers deployed, contact your Citrix sales representative for details

** Hybrid SSL optimization (TLS1-ECDHE-RSA-AES128-SHA 256)

NetScaler Platform	MPX/SDX 14040-40G	MPX/SDX 14020-40G	MPX/SDX 14100-40S	MPX/SDX 14080-40S
Platform attributes				
Memory	64 GB	64 GB	64 GB	64 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012	4x 40GE QSFP+; 16x 10GE SFP+	4x 40GE QSFP+; 16x 10GE SFP+	4x 40GE QSFP+; 8x 10GE SFP+	4x 40GE QSFP+; 8x 10GE SFP+
Transceivers support	40GE QSFP+: SR; 10GE SFP+: SR, LR	40GE QSFP+: SR; 10GE SFP+: SR, LR	40GE QSFP+: SR; 10GE SFP+: SR, LR	40GE QSFP+: SR; 10GE SFP+: SR, LR
Raid support	Yes	Yes	Yes	Yes
Pay as you grow and BurstPack license upgrades	Upgrade option to MPX/SDX 14060-40G, 14080-40G, 14100-40G	Upgrade option to MPX/SDX 14040-40G, 14060-40G, 14080-40G, 14100-40G		Upgrade option to MPX/SDX 14100-40S
Platform performance				
System throughput, Gbps (L7 throughput)	40	20	100	80
L7 HTTP requests/sec (MPX/SDX)	2,400,000	1,400,000	2,900,000	2,800,000
SSL transactions/sec (2K key certificates)*	42,000	22,000	275,000	207,000
ECDHE transactions/sec**	25,500	20,000	51,000	45,000
SSL throughput, Gbps	34	21	59	54
Compression throughput, Gbps	6	4.4	10.5	8.6
ICA Proxy/SSL VPN concurrent users	20,000	20,000	20,000	20,000
Number of instances included (for SDX models)	20/25	5/25	25/25	25/25
Platform mechanical, environmental and regulatory				
Power supplies	2	2	2	2
Input voltage and frequency ranges	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz
Optional DC power supply	Yes	Yes	Yes	Yes
Max power supply	528W	528W	528W	528W
Typical/max power consumption	300W 1024 BTU/Hr	300W 1024 BTU/Hr	300W 1024 BTU/Hr	300W 1024 BTU/Hr
Weight, lbs	60	60	60	60
Height	2U	2U	2U	2U
Width	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	28" / 71.2 cm	28" / 71.2 cm	28" / 71.2 cm	28" / 71.2 cm
Operating temperature	0-40C	0-40C	0-40C	0-40C
Allowed relative humidity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	CSA	CSA	CSA	CSA
Electromagnetic emissions certifications and susceptibility standard	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES
Regulatory compliance	RoHS, WEEE	RoHS, WEEE	RoHS, WEEE	RoHS, WEEE
Citrix compliance regulatory model	2U1P1B	2U1P1B	2U1P1B	2U1P1B

* Performance varies depending on ciphers deployed, contact your Citrix sales representative for details
** Hybrid SSL optimization (TLS1-ECDHE-RSA-AES128-SHA 256)

NetScaler Platform	MPX/SDX 14060-40S	MPX/SDX 14040-40S	MPX/SDX 11542	MPX/SDX 11540
Platform attributes				
Memory	64 GB	64 GB	48 GB	48 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3– 2002/2005/2008/2012)	4x 40GE QSFP+; 8x 10GE SFP+	4x 40GE QSFP+; 8x 10GE SFP+	8x10GBASE-X SFP+ AND 4x1000BASE-X SFP (fiber or copper)	8x10GBASE-X SFP+ AND 4x1000BASE-X SFP (fiber or copper)
Transceivers support	40GE QSFP+: SR; 10GE SFP+: SR, LR	40GE QSFP+: SR; 10GE SFP+: SR, LR	10GE SFP+: SR, LR; 1 GE SFP: SX, LX	10GE SFP+: SR, LR; 1 GE SFP: SX, LX
Raid support	Yes	Yes	No	No
Pay as you grow and Burst-Pack license upgrades	Upgrade option to MPX/SDX 14080-40S, 14100-40S	Upgrade option to MPX/ SDX 14060-40S, 14080-40S, 14100-40S		Upgrade option to MPX/SDX 11542
Platform performance				
System throughput, Gbps (L7 throughput)	60	40	42	40
L7 HTTP requests/sec (MPX/SDX)	2,700,000	2,400,000	2,700,000/2,000,000	2,500,000/2,000,000
SSL transactions/sec (2K key certificates)*	172,000	103,000	69,000	43,000
ECDHE transactions/sec**	39,500	26,500	24,000	N/A
SSL throughput, Gbps	49	43	20.5	19
Compression throughput, Gbps	8	7.5	8/7	7.5/7
ICA Proxy/SSL VPN concurrent users	20,000	20,000	20,000	20,000
Number of instances included/ Maximum number of instances (on SDX models)	25/25	20/25	20/20	20/20
Platform mechanical, environmental and regulatory				
Power supplies	2	2	2	2
Input voltage and frequency ranges	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz
Optional DC power supply	Yes	Yes	Yes	Yes
Max power supply	528W	528W	650W 2219 BTU/Hr	650W 2219 BTU/Hr
Typical/max power consumption	300W 1024 BTU/Hr	300W 1024 BTU/Hr	500W 1706 BTU/Hr	500W 1706 BTU/Hr
Weight, lbs	60	60	45	45
Height	2U	2U	2U	2U
Width	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48Drack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	28" / 71.2 cm	28" / 71.2 cm	28" / 71.2 cm	28" / 71.2 cm
Operating temperature	0-40C	0-40C	0-40C	0-40C
Allowed relative humidity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	CSA	CSA	CSA	CSA
Electromagnetic emissions certifications and susceptibility standard	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES
Regulatory compliance	RoHS, WEEE	RoHS, WEEE	RoHS, WEEE	RoHS, WEEE
Citrix compliance regulatory model	2U1P1B	2U1P1B	C11500	C11500

* Performance varies depending on ciphers deployed, contact your Citrix sales representative for details
** Hybrid SSL optimization (TLS1-ECDHE-RSA-AES128-SHA 256)

NetScaler Platform	MPX/SDX 11530	MPX/SDX 11520	MPX/SDX 11515	MPX/SDX 14080 FIPS
Platform attributes				
Memory	48 GB	48 GB	48 GB	64 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012	8x10GBASE-X SFP+ AND 4x1000BASE-X SFP (fiber or copper)	8x10GBASE-X SFP+ AND 4x1000BASE-X SFP (fiber or copper)	8x10GBASE-X SFP+ AND 4x1000BASE-X SFP (fiber or copper)	16x 10GE SFP+
Transceivers support	10GE SFP+: SR, LR; 1 GE SFP: SX, LX	10GE SFP+: SR, LR 1 GE SFP: SX, LX	10GE SFP+: SR, LR 1 GE SFP: SX, LX	10GE SFP+: SR, LR; 1G cu
Raid support	No	No	No	Yes
Pay as you grow and BurstPack license upgrades	Upgrade option to MPX/SDX 11540 and 11542	Upgrade option to MPX/SDX 11530, 11540 and 11542	Upgrade option to MPX/SDX 11520, 11530, 11540 and 11542	
Platform performance				
System throughput, Gbps (L7 throughput)	30	20	15	80
L7 HTTP requests/sec (MPX/SDX)	2,200,000/2,000,000	1,800,000	1,600,000	2,000,000
SSL transactions/sec (2K key certificates)*	30,000	25,000	22,500	33,000
ECDHE transactions/sec**	N/A	N/A	N/A	N/A
SSL throughput, Gbps	17	15	14	30
Compression throughput, Gbps	6.5	6	5	6.8
ICA Proxy/SSL VPN concurrent users	20,000	20,000	20,000	20,000
Number of instances included/ Maximum number of instances (on SDX models)	20/20	20/20	5/20	25/25
Platform mechanical, environmental and regulatory				
Power supplies	2	2	2	2
Input voltage and frequency ranges	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz
Optional DC power supply	Yes	Yes	Yes	Yes
Max power supply	650W 2219 BTU/Hr	650W 2219 BTU/Hr	650W 2219 BTU/Hr	528W
Typical/max power consumption	500W 1706 BTU/Hr	500W 1706 BTU/Hr	500W 1706 BTU/Hr	300W 1024 BTU/Hr
Weight, lbs	45	45	45	60
Height	2U	2U	2U	2U
Width	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	28" / 71 cm	28" / 71.2 cm	28" / 71.2 cm	28" / 71.2 cm
Operating temperature	0-40C	0-40C	0-40C	0-40C
Allowed relative humidity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	CSA	CSA	CSA	CSA
Electromagnetic emissions certifications and susceptibility standard	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES
Regulatory compliance	RoHS, WEEE	RoHS, WEEE	RoHS, WEEE	RoHS, WEEE; FIPS 140-2, Level 2
Citrix compliance regulatory model	C11500	C11500	C11500	2U1P1B

* Performance varies depending on ciphers deployed, contact your Citrix sales representative for details
** Hybrid SSL optimization (TLS1-ECDHE-RSA-AES128-SHA 256)

NetScaler Platform	MPX/SDX 14060 FIPS	MPX/SDX 14030 FIPS	MPX 15500 FIPS
Platform attributes			
Memory	64 GB	64 GB	16 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012	16x 10GE SFP+	16x 10GE SFP+	2x 10GBASE-X SFP+ AND 8x 1000BASE-X SFP (fiber or copper)
Transceivers support	10GE SFP+: SR, LR; 1G cu	10GE SFP+: SR, LR; 1G cu	10GE SFP+: SR, LR; 1 GE SFP: SX, LX
Raid support	Yes	Yes	No
Pay as you grow and BurstPack license upgrades	Upgrade option to MPX/SDX 14080 FIPS	Upgrade option to MPX/SDX 14060 FIPS, 14080 FIPS	
Platform performance			
System throughput, Gbps (L7 throughput)	60	30	15
L7 HTTP requests/sec (MPX/SDX)	1,800,000	1,400,000	1,200,000
SSL transactions/sec (2K key certificates)*	25,000	18,000	8,000
ECDHE transactions/sec**	N/A	N/A	N/A
SSL throughput, Gbps	23	18	4.5
Compression throughput, Gbps	6	5	6.5
ICA Proxy/SSL VPN concurrent users	20,000	20,000	10,000
Number of instances included/Maximum number of instances (on SDX models)	25/25	10/25	N/A
Platform mechanical, environmental and regulatory			
Power supplies	2	2	2
Input voltage and frequency ranges	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz
Optional DC power supply	Yes	Yes	Yes
Max power supply	528W	528W	450W 1536 BTU/Hr
Typical/max power consumption	300W 1024 BTU/Hr	300W 1024 BTU/Hr	360W 1229 BTU/Hr
Weight, lbs	60	60	30
Height	2U	2U	2U
Width	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	28" / 71.2 cm	28" / 71.2 cm	28" / 71.2 cm
Operating temperature	0-40C	0-40C	0-40C
Allowed relative humidity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	CSA	CSA	CSA
Electromagnetic emissions certifications and susceptibility standard	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES
Regulatory compliance	RoHS, WEEE; FIPS 140-2, Level 2	RoHS, WEEE; FIPS 140-2, Level 2	RoHS, WEEE; FIPS 140-2, Level 2
Citrix compliance regulatory model	2U1P1B	2U1P1B	MPX 2x10GE 8xSFP+ FIPS

* Performance varies depending on ciphers deployed, contact your Citrix sales representative for details
** Hybrid SSL optimization (TLS1-ECDHE-RSA-AES128-SHA 256)

NetScaler Platform	MPX 12500 FIPS	MPX 10500 FIPS	MPX 9700 FIPS
Platform attributes			
Memory	16 GB	16 GB	16 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3- 2002/2005/2008/2012)	2x 10GBASE-X SFP+ AND 8x 1000BASE-X SFP (fiber or copper)	2x 10GBASE-X SFP+ AND 8x 1000BASE-X SFP (fiber or copper)	2x 10GBASE-X SFP+ AND 8x 1000BASE-X SFP (fiber or copper)
Transceivers support	10GE SFP+: SR, LR; 1 GE SFP: SX, LX	10GE SFP+: SR, LR; 1 GE SFP: SX, LX	10GE SFP+: SR, LR; 1 GE SFP: SX, LX
Raid support	No	No	No
Pay as you grow and BurstPack license upgrades	Upgrade option to FIPS version of MPX 15500	Upgrade option to FIPS versions of MPX 12500 and MPX 15500	Upgrade option to FIPS versions of MPX 10500, MPX 12500 and MPX 15500
Platform performance			
System throughput, Gbps (L7 throughput)	10	6	3
L7 HTTP requests/sec (MPX/SDX)	700,000	500,000	200,000
SSL transactions/sec (2K key certificates)*	6,000	4,000	2,000
ECDHE transactions/sec**	N/A	N/A	N/A
SSL throughput, Gbps	3.6	2.0	1.0
Compression throughput, Gbps	6	5	2
ICA Proxy/SSL VPN concurrent users	10,000	10,000	10,000
Number of instances included/Maximum number of instances (on SDX models)	N/A	N/A	N/A
Platform mechanical, environmental and regulatory			
Power supplies	2	2	2
Input voltage and frequency ranges	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz
Optional DC power supply	Yes	Yes	Yes
Max power supply	450W 1536 BTU/Hr	450W 1536 BTU/Hr	450W 1536 BTU/Hr
Typical/max power consumption	360W 1229 BTU/Hr	360W 1229 BTU/Hr	360W 1229 BTU/Hr
Weight, lbs	30	30	30
Height	2U	2U	2U
Width	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	28" / 71.2 cm	28" / 71.2 cm	28" / 71.2 cm
Operating temperature	0-40C	0-40C	0-40C
Allowed relative humidity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	CSA	CSA	CSA
Electromagnetic emissions certifications and susceptibility standard	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES
Regulatory compliance	RoHS, WEEE; FIPS 140-2, Level 2	RoHS, WEEE; FIPS 140-2, Level 2	RoHS, WEEE; FIPS 140-2, Level 2
Citrix compliance regulatory model	MPX 2x10GE 8xSFP+ FIPS	MPX 2x10GE 8xSFP+ FIPS	MPX 2x10GE 8xSFP+ FIPS

* Performance varies depending on ciphers deployed, contact your Citrix sales representative for details
** Hybrid SSL optimization (TLS1-ECDHE-RSA-AES128-SHA 256)

NetScaler Platform	MPX/SDX 8930	MPX/SDX 8920	MPX 8910	MPX 8905
Platform attributes				
Memory	32 GB	32 GB	32 GB	32 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012	4x10GE SFP+; 6x10/100/1000 CU	4x10GE SFP+; 6x10/100/1000 CU	4x10GE SFP+; 6x10/100/1000 CU	4x10GE SFP+; 6x10/100/1000 CU
Transceivers support	10GE SFP+: SR, LR	10GE SFP+: SR, LR	10GE SFP+: SR, LR	10GE SFP+: SR, LR
Raid support	No	No	No	No
Pay as you grow and BurstPack license upgrades		Upgrade option to MPX/SDX 8930	Upgrade option to MPX 8920 and 8930	Upgrade option to MPX 8910, 8920 and 8930
Platform performance				
System throughput, Gbps (L7 throughput)	33	20	10	5
L7 HTTP requests/sec (MPX/SDX)	2,300,000	1,700,000	1,400,000	990,000
SSL transactions/sec (2K key certificates)*	40,000	22,000	13,000	8,000
ECDHE transactions/sec	16,000	10,000	6,000	4,000
SSL throughput, Gbps	25	20	10	5
Compression throughput, Gbps	4.8	4	3.5	2.5
ICA Proxy/SSL VPN concurrent users	10,000	10,000	10,000	10,000
Number of instances included/ Maximum number of instances (on SDX models)	2/7	2/7	N/A	N/A
Platform mechanical, environmental and regulatory				
Power supplies	1 (2nd optional)	1 (2nd optional)	1 (2nd optional)	1 (2nd optional)
Input voltage and frequency ranges	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz	100-240VAC full range, 50-60 Hz
Optional DC power supply	Yes	Yes	Yes	Yes
Max power consumption	336W	336W	336W	336W
Typical power consumption	300W 840 BTU/Hr	300W 840 BTU/Hr	300W 840 BTU/Hr	300W 840 BTU/Hr
Weight, lbs	25	25	25	25
Height	1U	1U	1U	1U
Width	EIA 310-D for 19-inch racks	EIA 310-D for 19-inch racks	EIA 310-D for 19-inch racks	EIA 310-D for 19-inch racks
Depth	24" / 61 cm	24" / 61 cm	24" / 61 cm	24" / 61 cm
Operating temperature	0-45C	0-45C	0-45C	0-45C
Allowed relative humity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	CSA	CSA	CSA	CSA
Electromagnetic emissions certifications and susceptibility standards	(FCC), (CE), (VCCI), (RCM), (CCC), (KCC), (BIS), (NOM), (CITC), (ICASA), (EAC),	(FCC), (CE), (VCCI), (RCM), (CCC), (KCC), (BIS), (NOM), (CITC), (ICASA), (EAC),	(FCC), (CE), (VCCI), (RCM), (CCC), (KCC), (BIS), (NOM), (CITC), (ICASA), (EAC),	(FCC), (CE), (VCCI), (RCM), (CCC), (KCC), (BIS), (NOM), (CITC), (ICASA), (EAC),
Regulatory compliance	RoHS, WEEE, REACH	RoHS, WEEE, REACH	RoHS, WEEE, REACH	RoHS, WEEE, REACH
Citrix compliance regulatory model	1U1P1A	1U1P1A	1U1P1A	1U1P1A

* Performance varies depending on ciphers deployed, contact your Citrix sales representative for details

Platforms shown above are only supported on the firmware version installed from manufacturing

NetScaler Platform	MPX 5910	MPX 5905	MPX 5901
Platform attributes			
Memory	16 GB	16 GB	16 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012	2x10GE SFP+; 6x10/100/1000 CU	2x10GE SFP+; 6x10/100/1000 CU	2x10GE SFP+; 6x10/100/1000 CU
Transceivers support	10GE SFP+: SR, LR; 1G CU	10GE SFP+: SR, LR; 1G CU	10GE SFP+: SR, LR; 1G CU
Raid support	No	No	No
Pay as you grow and BurstPack license upgrades		Upgrade option to MPX 5910	Upgrade option to MPX 5905 and 5910
Platform performance			
System throughput, Gbps (L7 throughput)	10	5	1
L7 HTTP requests/sec (MPX/SDX)	900,000	700,000	400,000
SSL transactions/sec (2K key certificates)*	12,000	6,000	4,000
ECDHE transactions/sec	6,000	3,000	1,700
SSL throughput, Gbps	8	5	1
Compression throughput, Gbps	2.5	1.5	1
ICA Proxy/SSL VPN concurrent users	5,000	5,000	5,000
Number of instances included/Maximum number of instances (on SDX models)	N/A	N/A	N/A
Platform mechanical, environmental and regulatory			
Power supplies	1 (2nd optional)	1 (2nd optional)	1 (2nd optional)
Input voltage and frequency ranges	100-240VAC full range	100-240VAC full range	100-240VAC full range
Optional DC power supply	Yes	Yes	Yes
Max power consumption	336W	336W	336W
Typical power consumption	300W 840 BTU/Hr	300W 840 BTU/Hr	300W 840 BTU/Hr
Weight, lbs	25	25	25
Height	1U	1U	1U
Width	EIA 310-D for 19-inch racks	EIA 310-D for 19-inch racks	EIA 310-D for 19-inch racks
Depth	24" / 61 cm	24" / 61 cm	24" / 61 cm
Operating temperature	0-45C	0-45C	0-45C
Allowed relative humity	5%-95%, non-condensing	5%-95%, non-condensing	5%-95%, non-condensing
Safety certifications	CSA	CSA	CSA
Electromagnetic emissions certifications and susceptibility standards	(FCC), (CE), (VCCI), (RCM), (CCC), (KCC), (BIS), (NOM), (CITC),	(FCC), (CE), (VCCI), (RCM), (CCC), (KCC), (BIS), (NOM), (CITC),	(FCC), (CE), (VCCI), (RCM), (CCC), (KCC), (BIS), (NOM), (CITC),
Regulatory compliance	RoHS, WEEE, REACH	RoHS, WEEE, REACH	RoHS, WEEE, REACH
Citrix compliance regulatory model	1U1P1A	1U1P1A	1U1P1A

* Performance varies depending on ciphers deployed, contact your Citrix sales representative for details
Platforms shown above are only supported on the firmware version installed from manufacturing

NetScaler Platform	MPX/SDX 8015	MPX 8005	MPX 5650	MPX 5550
Platform attributes				
Memory	32 GB	32 GB	8 GB	8 GB
Ethernet ports (Published Ethernet interfaces compliant per IEEE802.3-2002/2005/2008/2012	6x 10/100/1000 BASE-T AND 6x1000BASE-X SFP (fiber or copper) OR 6x 10/100/1000 BASE-T AND 2x10G BASE-X SFP+	6x 10/100/1000 BASE-T AND 6x1000BASE-X SFP (fiber or copper) OR 6x 10/100/1000 BASE-T AND 2x10G BASE-X SFP+	6x10/100/1000 BASE-T	6x10/100/1000 BASE-T
Transceivers support	10GE SFP+: SR, LR; 1 GE SFP: SX, LX	10GE SFP+: SR, LR; 1 GE SFP: SX, LX		
Raid support	No	No	No	No
Pay as you grow and BurstPack license upgrades		Upgrade options to MPX/SDX 8015		Upgrade option to MPX 5650
Platform performance				
System throughput, Gbps (L7 throughput)	15	5	5	0.5
L7 HTTP requests/sec (MPX/SDX)	1,200,000	375,000	350,000	175,000
SSL transactions/sec (2K key certificates)*	11,000	6,500	2,800	1,500
ECDHE transactions/sec**	N/A	N/A	N/A	N/A
SSL throughput, Gbps	6	4	2	0.5
Compression throughput, Gbps	3.5	2.3	3	0.5
ICA Proxy/SSL VPN concurrent users	10,000	10,000	5,000	5,000
Number of instances included/ Maximum number of instances (on SDX models)	2/5	N/A	N/A	N/A
Platform mechanical, environmental and regulatory				
Power supplies	1 (2nd optional)	1 (2nd optional)	1	1
Input voltage and frequency ranges	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz	100-240VAC full range, 47-63 Hz
Optional DC power supply	Yes	Yes	No	No
Max power consumption	250W 853 BTU/Hr	250W 853 BTU/Hr	180W 614 BTU/Hr	180W 614 BTU/Hr
Typical power consumption	185W 631 BTU/Hr	185W 631 BTU/Hr	135W 461 BTU/Hr	135W 461 BTU/Hr
Weight, lbs	32	32	32	32
Height	1U	1U	1U	1U
Width	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 A1:G30 rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets	EIA 310-D, IEC 60297, DIN 41494 SC48D rack width with mounting brackets
Depth	28" / 71.2 cm	28" / 71.2 cm	28" / 71.2 cm	28" / 71.2 cm
Operating temperature	0-40C	0-40C	0-40C	0-40C
Allowed relative humity	10%-90%, non-condensing	10%-90%, non-condensing	10%-90%, non-condensing	10%-90%, non-condensing
Safety certifications	CSA	CSA	CSA	CSA
Electromagnetic emissions certifications and susceptibility standards	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES	FCC (Part 15 Class A), DoC, CE, VCCI, CNS, AN/NES
Regulatory compliance	RoHS, WEEE	RoHS, WEEE	RoHS, WEEE	RoHS, WEEE
Citrix compliance regulatory model	NS 2x10GE SFP+ 6XCu	NS 2x10GE SFP+ 6XCu	NS 6xCu	NS 6xCu

* Performance varies depending on ciphers deployed, contact your Citrix sales representative for details
** Hybrid SSL optimization (TLS1-ECDHE-RSA-AES128-SHA 256)
For information on VPX, please refer to the VPX datasheet

Technical aspects

Unified Gateway

- Provides consolidation of secure remote access infrastructure with One URL
- Provides SAML 2.0 federated identity to provide Single Sign-On across all applications whether in a datacenter or in a cloud
- One URL to access any application
- Always-On allows auto-reconnect of SSL VPN session when users are moving between networks
- Integration with StoreFront allows importing UI changes from StoreFront to Gateway portal and vice versa
- Gateway Insight for monitoring and troubleshooting all Gateway traffic for issues like authentication and EPA failures, single sign-on failures etc.
- nFactor authentication for all applications
- Stateless RDP proxy
- Support for Linux (Ubuntu 14.04 32bit / 64bit, Ubuntu 12.04 32bit / 64bit
- Support for Mac (OS X 10.9 (Mavericks), OS X 10.10 (Yosemite)
- Support for Windows 7, 8, and 8.1 (32bit / 64bit)
- Support for iOS 7.1 or later. Compatible with iPhone, iPad and iPod touch.
- Support for Android 4.1.x & 4.2.x (Jelly Bean), 4.4.x (KitKat),
- 5.x (Lollipop).

Secure access

- XA/XD/XM integration
- Device certificate scanning
- Single sign-on using NTLM/Kerberos/SAML etc.
- SmartAccess: Adaptive application and action control enforced on XenApp and XenDesktop servers
- SmartControl: Adaptive application and action control enforced on NetScaler Unified Gateway, thereby providing centralized policy management and security at the edge
- Integrated NetScaler Unified Gateway SSL VPN
- Below NetScaler 11.1, Standard and Enterprise Editions include (5) Universal licenses. Platinum Edition includes (100) Universal licenses. Starting NetScaler 11.1, Standard includes 500 Universal Licenses, Enterprise Editions include (1000) Universal licenses and there are no Universal License requirements with Platinum Edition. Universal License entitlements are per HA pair or per cluster depending on how you deploy NetScaler.
- End point analysis of user device
- SAML 2.0 and nFactor; passwords for single sign on to appications running behind NetScaler Unified Gateway
- AAA traffic management
- SAML 2.0 and NTLMv1/2 support for configuring NetScaler with single sign-on (SSO)
- Support for Active Directory, LDAP, RADIUS, TACACS +, OCSP, Diameter etc.

L4-7 traffic management

Layer 4 load balancing (LB)

- Protocols supported: TCP, UDP, FTP, HTTP, HTTPS, DNS (TCP and UDP), SIP (over UDP), RTSP, RADIUS, DIAMETER, SQL, RDP, IS-IS, SMPP
- Algorithms: Round Robin, Least Packets, Least Bandwidth, Least Connections, Response Time, Hashing (URL, Domain, Source IP, Destination IP, and CustomID), SNMP-provided metric, Server Application State Protocol (SASP)
- Session persistence: Source IP, cookie, server, group,

SSL session, SIP CALLID, Token-based, SESSIONID, Diameter AVP
- Session protocols: TCP, UDP, SSL_TCP, Multi-path TCP, SPDY
- Server monitoring: Ping, TCP, URL, ECV, scriptable health checks, Dynamic Server Response Time
- Link load balancing
- CloudBridge load balancing

Layer 7 content switching

- Policies: URL, URL Query, URL Wildcard, Domain, Source/ Destination IP, HTTP Header, Custom, HTTP and TCP Payload Values, UDP, Diameter AVP
- Switch requests based on protocol of incoming packets

Database load balancing

- Support for: Microsoft SQL Server and MySQL
- Switching algorithms include SQL query parameters such as user and database names and command parameters
- Token-based load balancing provides advanced configuration for persistence and fault tolerant deployments

TriScale Clustering[2]

- "Scale-Out" with clustering up to 32 NetScaler appliances into single system image and up to 3 Tbps throughput
- Configuration Coordinator node for centralized management and synchronization
- Compatible with Pay-As-You-Grow and Burst Pack performance upgrades
- Traffic distribution mechanisms include: Equal Cost Multiple Path (ECMP), Link-sets, and Cluster Link Aggregation Group (CLAG)
- Available on NetScaler MPX, SDX and VPX and with NetScaler EE and PE editions
- Modules may be configured on all nodes in a cluster or using "spotted VIPS" they are added only to a select subset of nodes

Rate-based policy enforcement

- Trigger NetScaler policies based upon connections per second, packets per second, or bandwidth used
- Source or destination-based upon header or payload information

Traffic domains

- Allows overlapping IP addresses
- Provides separate routing flows within a single appliance
- Enables basic multi-tenancy implementations

Admin Partitioning

- Independent instances that share resources on the appliance
- Maximum number of 512 admin partitions per appliance

Global server load balancing (GSLB)

- Algorithms: site health, geographic proximity, network proximity, connections, bandwidth, AG-E SSL VPN users
- Site health checking on status, connection load, packet rate, SNMP-provided metrics

Surge protection and priority queuing[2]

- Adaptive rate control for TCP connections and HTTP requests
- Prioritized transaction dispatch for critical application requests

Carrier-Grade Network Address Translation[2]

- Support for: Full-cone NAT, Deterministic NAT,

- Endpoint-Independent Mapping and Filtering, Hair-pinning
- Application Layer Gateways: FTP, TFTP, ICMP, SIP, RTSP, PPTP, GRE

Subscriber-aware traffic steering
- Policy control interface: Gx, RADIUS

Application acceleration
TCP optimization
- Multiplexing, buffering, connection keep-alive, windows scaling, selective acknowledgement, fast ramp, TCP Westwood
- AppCompress
- Gzip-based compression for HTTP traffic AppCache[3]
- Caching for static and dynamic application content
- HTTP GET and POST method support
- Policies defined based upon HTTP header and body values

Application security
DoS attack defense
- Continue service to legitimate users while protecting against attacks such as: SYN Flood, HTTP DoS, and Ping of Death
- ICMP and UDP rate control

Content rewriting and response control
- Policy-based bidirectional rewriting of HTTP header and payload elements
- Policy-based redirection of incoming requests
- Body URL rewrite
- Responder module
- Custom responses and redirects
- Policy-based routing
- Network aware policies

SSL Encryption
- Supports Thales nShield and SafeNet HSM integration

DNSSEC
- DNS proxy
- Authoritative DNS
- DNS signing

Packet filtering
- Layer 3 and 4 Access Control Lists (ACL)
- Network Address Translation (NAT)
- IPv4/IPv6 Network Address Translation (NAT)

NetScaler AppFirewall with hybrid security model[3]
- Positive security model protects against: Buffer Overflow, CGI- BIN Parameter Manipulation, Form/Hidden Field Manipulation, Forceful Browsing, Cookie or Session Poisoning, Broken ACLs, Cross-Site Scripting (XSS), Command Injection, SQL Injection, Error Triggering Sensitive Information Leak, Insecure Use of Cryptography, Server Misconfiguration, Back Doors and Debug Options, Rate-based Policy Enforcement, Well known Platform Vulnerabilities, Zero-day Exploits, Cross Site Request Forgery (CSRF), credit card and other sensitive data leakage prevention
- Negative security model with automatically updated signatures to protect against L7 and HTTP application vulnerabilities
- Integrates with third party scanning tools
- Common event format (CEF) logs
- XML security: XML Denial of Service (xDoS)

- XML SQL injection and cross site scripting, XML message validation, format checks, WS-I basic profile compliance, XML, xPath injection attachment check, xQuery Injection protection
- WSDL scan prevention
- Attachment checks
- URL transformation
- Cookie proxy and encryption
- SOAP array attack protection

IP Reputation service
- Enhanced service that provides a continuously updated list of malicious IP addresses in near real-time

NetScaler Cloud Connector[3]
- Network connectivity protection via IPSec security
- Datacenter extension through GRE-based network bridging

Support for XenMobile MDM[5]
- Front end optimization scalable to over 100,000 concurrent users
- XenMobile NetScaler Connector (XNC) provides a device level authorization service
- Application level policy controlled SSL VPN tunneling for mobile clients

Network integration
- Static routes, monitored static routes, weighted static routes
- OSPF, RIP1/2, BGP2
- VLAN 802.1Q
- Link Aggregation 802.3ad
- Stateful IPv6 to IPv4 network address translation and DNS64
- Static and stateless network address translation from IPv4 to IPv6

High availability
- Active/Passive
- Active/Active
- VRRP
- ECMP
- Connection mirroring

Simplified installation and management
User interface
- Graphical application visualizer
- Secure web-based GUI
- CLI, Telnet, SSH, Console
- Real-time performance dashboard
- LB, GSLB Application Firewall and EdgeSight® for NetScaler configuration wizards
- XenApp configuration wizards

Policy management
- AppExpert Visual Policy Builder
- Policy extensibility via HTTP service callouts
- AppExpert templates
- AppExpert Visualizers

Citrix Command Center
- Centralized configuration and management of over 200 NetScaler appliances

NetScaler Insight Center and AppFlow:
- NetScaler Insight Center is a software solution enabling traffic visibility; it includes HDX Insight and Web Insight

and is based on AppFlow

- HDX Insight parses ICA sessions to provide troubleshooting, network analysis and end-to-end performance for XenApp/XenDesktop sessions. Historical data included in Platinum Edition
- Web Insight monitors real-time web application traffic and assists capacity planning and helps ensure SLAs
- AppFlow Standards-based NetFlow/IPFIX (Internet Protocol Flow Information Export) solution
- Supported by leading performance monitoring and management vendors
- Provides transaction level visibility for HTTP, SSL, TCP, and SSL/TCP flows

Action analytics

- Aggregates real-time traffic statistics and enables their use in setting dynamic policies
- Charting and analysis utilities using HDX Insight

Third party management support

- SNMPv1, SNMPv2 and SNMPv3: NetScaler MIB and MIB-II support
- Microsoft System Center Operations Management (SCOM) support
- Comtrade support with Management Pack for Citrix NetScaler
- Microsoft System Center Virtual Machine Manager

(SCVMM) support

- XML/SOAP API for automated application-driven configuration

Real-time consolidated logging

- Offloads logging from application server to a central location

Native web interface

- Integrated Web Interface Server for XenApp and XenDesktop
- Supports JAVA environments with MPX and VPX platforms running NetScaler nCore OS
- Authentication methods include: LDAP, RADIUS, NTLM, TACACS+, Client Certificate
- Manage HTTPS requests via included SSL VPN
- Wizards-based configuration through NetScaler GUI
- Login page customization
- Includes Smart Access, smooth roaming, STA server redundancy, and session reliability

Lower total cost of ownership

Web cache redirection[2]

- Automatically direct requests with content not cached on NetScaler to cache farm
- N-tier multilayer load balancing support of cache servers

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[1] Additional NetScaler packs with 3 (8xxx) or 5 (all other models) instances each are available. For SDX 8015 maximum number of instances is 5.

[2] Available in NetScaler Enterprise and Platinum editions only.

[3] Included in Platinum edition only; not available with Standard or Enterprise editions.

[4] Available as a license upgrade on all editions and for MPX, SDX (excluding 22000 series) and VPX appliances.

[5] Enterprise edition with AppCache or Platinum edition recommended.