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SECURITY BULLETIN **Manage**

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Services

HPSBHF02819 SSRT100920 rev.2 - HP, 3COM, and H3C Routers & Switches, Remote Disclosure of

Information

NOTICE: The information in this Security Bulletin should be acted upon as soon as possible.

Downloads

Release Date: 2012-10-03

Knowledge

Resources

Potential Security Impact: Remote disclosure of information

Source: Hewlett Packard Enterprise, HPE Product Security Response Team

VULNERABILITY SUMMARY

Potential security vulnerabilities have been identified with HP, 3COM, and H3C routers and switches. The vulnerabilities could be remotely exploited resulting in disclosure of information.

For more information, refer to [CERT VU#225404](#) on the CERT website.

References: SSRT100962, CVE-2012-3268, CERT VU#225404

SUPPORTED SOFTWARE VERSIONS*: ONLY impacted versions are listed.

Vendor	Product Name	Product Number
HP	10500/7500 Advanced VPN Firewall Module	JD249A
H3C	S7500E SecBlade VPN Firewall Module	0231A832, LSQ1FWBSC0



Related

Products

HPE A3100-24
DC SI 2-slot

Switch

HPE 4210-24G

Switch

HPE 4210 Switch

Series

[View All](#)

Vendor	Product Name	Product Number
HP	10504 Switch Chassis	JC613A
HP	10508 Switch Chassis	JC612A
HP	10508-V Switch Chassis	JC611A
HP	10512 Switch Chassis	JC748A
HP	12500 VPN Firewall Module	JC635A
HP	12508 DC Switch Chassis	JC652A
HP	12508 Switch Chassis	JC086A
H3C	S12508 Chassis	0235A38N
HP	12508 Switch Chassis	JF431A
HP	A12508 Switch Chassis	
H3C	S12508 Chassis	0235A0E6
HP	12508 Switch Chassis	JF431B
HP	A12508 Switch Chassis	
H3C	S12508 (AC-1) Routing Switch	0235A0GE
HP	12508 Switch Chassis	JF431C
HP	12518 DC Switch Chassis	JC653A
HP	12518 DC Switch Chassis	JC653A
HP	12518 Switch Chassis	JC085A
HP	A12518 Switch Chassis	
H3C	S12518 Chassis	0235A38M
HP	12518 Switch Chassis	JF430A
HP	A12518 Switch Chassis	
H3C	S12518 Chassis	0235A0E7
HP	12518 Switch Chassis	JF430B
HP	A12518 Switch Chassis	
H3C	S12518 (AC-1) Routing Switch	0235A0GF
HP	12518 Switch Chassis	JF430C

Vendor	Product Name	Product Number
HP	1910-16G Switch	JE005A
3Com	Baseline Plus 2900G Switch - 20 port	3CRBSG2093
HP	1910-24G Switch	JE006A
3Com	Baseline Plus 2900G Switch - 28 port	3CRBSG2893
HP	1910-24G-PoE (365W) Switch	JE007A
3Com	Baseline Plus 2900G Switch - 28HPWR	3CRBSG28HPWR93
HP	1910-24G-PoE (170W) Switch	JE008A
HP	V1910-24G-PoE (170W) Switch	
3Com	Baseline Plus 2900G Switch - 28PWR	3CRBSG28PWR93
HP	1910-48G Switch	JE009A
3Com	Baseline Plus 2900 Switch Gigabit Family - 52 port	3CRBSG5293
HP	1910-8G Switch	JG348A
HP	1910-8G-PoE+ (180W) Switch	JG350A
HP	1910-8G-PoE+ (65W) Switch	JG349A
HP	200-CS UTM Appliance	JD268A
H3C	SecPath U200-CS	0235A0CT
HP	200-M UTM Appliance	JD274A
HP	3000-10G-PoE+ Wireless Switch	JD450A
HP	A3000-10G-PoE+ Wireless Switch	
H3C	WX3010,8 PoEPlus	0235A37U
HP	3000-24G-PoE+ Wireless Switch	JD449A
HP	A3000-24G-PoE+ Wireless Switch	
H3C	WX3024,4SFPCoMo Plus Slot Plus PoEPlus	0235A37T
HP	3000-8G-PoE+ Wireless Switch	JD444A
H3C	WX3008, 4 POE Plus	0235A0AS
HP	3012 Router	JD916A
3Com	3012 Router	3C13612
HP	3013 Router	JD917A

Vendor	Product Name	Product Number
3Com	3013 Router	3C13613
HP	3016 Router	JD918A
3Com	3016 Router	3C13616
HP	3036 Router	JD921A
3Com	3036 Router	3C13636
HP	3040 Router	JD922A
3Com	3040 Router	3C13640
HP	3041 Router	JD923A
3Com	3041 Router	3C13641
HP	3100-16 DC EI Switch	JD314A
HP	A3100-16 DC EI Switch	
H3C	S3100-16TP-EI - model LS-3100-16TP-EI-H3-D-O	0235A23H
HP	3100-16 EI Switch	JD319A
H3C	S3100-16TP-EI - model LS-3100-16TP-EI-H3-A-O	0235A300
HP	3100-16 SI Switch	JD305A
H3C	S3100-16T-SI - model LS-S3100-16T-SI-AC-OVS	0235A15C
HP	3100-16 v2 EI Switch	JD319B
HP	3100-16 v2 SI Switch	JG222A
HP	3100-16-PoE EI Switch	JD312A
H3C	S3100-16TP-PWR-EI - model LS-3100-16TP-PWR-EI-H3	0235A19C
HP	3100-24 DC EI Switch	JD315A
HP	A3100-24 DC EI Switch	
H3C	S3100-26TP-EI - model LS-3100-26TP-EI-H3-D-O	0235A23P
HP	3100-24 EI Switch	JD320A
HP	A3100-24 EI Switch	

Vendor	Product Name	Product Number
H3C	S3100-26TP-EI - model LS-3100-26TP-EI-H3-A-O	0235A301
HP	3100-24 SI Switch	JD306A
HP	A3100-24 SI Switch	
H3C	S3100-26T-SI - model LS-S3100-26T-SI-AC-OVS	0235A15D
HP	3100-24 v2 EI Switch	JD320B
HP	3100-24 v2 SI Switch	JG223A
HP	3100-24-PoE EI Switch	JD313A
HP	A3100-24-PoE EI Switch	
H3C	S3100-26TP-PWR-EI - model LS-3100-26TP-PWR-EI-H3	0235A19D
HP	3100-24-PoE v2 EI Switch	JD313B
HP	3100-48 Switch	JD317A
H3C	S3100-52P - model LS-3100-52P-OVS-H3	0235A248
HP	3100-48 v2 Switch	JG315A
HP	3100-8 DC EI Switch	JD316A
H3C	S3100-8TP-EI - model LS-3100-8TP-EI-H3-D-O	0235A23T
HP	3100-8 EI Switch	JD318A
H3C	S3100-8TP-EI - model LS-3100-8TP-EI-H3-A-O	0235A29Y
HP	3100-8 SI Switch	JD304A
HP	A3100-8 SI Switch	
H3C	S3100-8T-SI - model LS-S3100-8T-SI-AC-OVS	0235A15B
HP	3100-8 SI Switch	JD307A
H3C	S3100-8C-SI - model LS-S3100-8C-SI-AC-OVS	0235A15F
HP	3100-8 v2 EI Switch	JD318B
HP	3100-8 v2 SI Switch	JG221A

Vendor	Product Name	Product Number
HP	3100-8-PoE EI Switch	JD311A
H3C	S3100-8TP-PWR-EI - model LS-3100-8TP-PWR-EI-H3	0235A19B
HP	3600-24 EI Switch	JD331A
HP	A3600-24 EI Switch	
H3C	S3600-28P-EI - model LS-3600-28P-EI-OVS	0235A10H
HP	3600-24 SI Switch	JD330A
HP	A3600-24 SI Switch	
H3C	S3600-28P-SI - model LS-3600-28P-SI-OVS	0235A10G
HP	3600-24 v2 EI Switch	JG299A
HP	3600-24 v2 SI Switch	JG304A
HP	3600-24-PoE EI Switch	JD326A
HP	A3600-24-PoE EI Switch	
H3C	S3600-28P-PWR-EI - model LS-3600-28P-PWR-EI-OVS	0235A10C
HP	3600-24-PoE SI Switch	JD325A
HP	A3600-24-PoE SI Switch	
H3C	S3600-28P-PWR-SI - model LS-3600-28P-PWR-SI-OVS	0235A10B
HP	3600-24-PoE+ v2 EI Switch	JG301A
HP	3600-24-SFP EI Switch	JD334A
HP	A3600-24-SFP EI Switch	
H3C	S3600-28F-EI - model LS-3600-28F-EI-OVS	0235A10L
HP	3600-24-SFP v2 EI Switch	JG303A
HP	3600-24TP SI Switch	JD329A
HP	A3600-24TP SI Switch	

Vendor	Product Name	Product Number
H3C	S3600-28TP-SI - model LS-3600-28TP-SI-OVS	0235A10F
HP	3600-48 EI Switch	JD333A
HP	A3600-48 EI Switch	
H3C	S3600-52P-EI - model LS-3600-52P-EI-OVS	0235A10K
HP	3600-48 SI Switch	JD332A
H3C	S3600-52P-SI - model LS-3600-52P-SI-OVS	0235A10J
HP	3600-48 v2 EI Switch	JG300A
HP	3600-48 v2 SI Switch	JG305A
HP	3600-48-PoE EI Switch	JD328A
HP	A3600-48-PoE EI Switch	
H3C	S3600-52P-PWR-EI - model LS-3600-52P-PWR-EI-OVS	0235A10E
HP	3600-48-PoE SI Switch	JD327A
HP	A3600-48-PoE SI Switch	
H3C	S3600-52P-PWR-SI - model LS-3600-52P-PWR-SI-OVS	0235A10D
HP	3600-48-PoE+ v2 EI Switch	JG302A
HP	3600-48-PoE+ v2 SI Switch	JG307A
HP	3610-24-2G-2G-SFP Switch	JD337A
HP	A3610-24-2G-SFP Switch	
H3C	S3610-28TP - model LS-3610-28TP-OVS	0235A22E
HP	3610-24-4G-SFP Switch	JD336A
HP	A3610-24-4G Switch	
H3C	S3610-28P - model LS-3610-28P-OVS	0235A22D
HP	3610-24-SFP Switch	JD338A
HP	A3610-24-SFP Switch	

Vendor	Product Name	Product Number
H3C	S3610-28F - model LS-3610-28F-OVS	0235A22F
HP	3610-48 Switch	JD335A
HP	A3610-48 Switch	
H3C	S3610-52P - model LS-3610-52P-OVS	0235A22C
HP	4200-12G Switch	JE015A
HP	E4200-12G Switch	
3Com	4200G Switch 12-Port	3CR17660-91
HP	4210-16 Switch	JE024A
HP	E4210-16 Switch	
3Com	4210 Switch 18-Port	3CR17332-91
HP	4210-16 Switch	JE025A
3Com	SWITCH 4210 18-Port	3CR17332A-91
HP	4210-24 Switch	JE026A
3Com	4210 Switch 26-Port	3CR17333-91
HP	4210-24 Switch	JF427A
HP	E4210-24 Switch	
3Com	4210 Switch 26-Port	3CR17333A-91
HP	4210-24G Switch	JF844A
HP	E4210-24G Switch	
3Com	4210-24G Switch	3CRS42G-24-91
HP	4210-24G-PoE Switch	JF846A
HP	E4210-24G-PoE Switch	
3Com	Switch E4210-24G-PoE	3CRS42G-24P-91
HP	4210-24-PoE Switch	JE032A
3Com	4210 Switch PWR 26-Port	3CR17343-91
HP	4210-24-PoE Switch	JE033A

Vendor	Product Name	Product Number
3Com	4210 PWR Switch 26-Port	3CR17343A-91
HP	4210-48 Switch	JE027A
3Com	4210 Switch 52-Port	3CR17334-91
HP	4210-48G Switch	JF845A
HP	E4210-48G Switch	
3Com	4210-48G Switch	3CRS42G-48-91
HP	4210-8 Switch	JE021A
3Com	4210 Switch 9-Port	3CR17331-91
HP	4210-8 Switch	JE022A
3Com	4210 Switch 9-Port	3CR17331A-91
HP	4210-8-PoE Switch	JE028A
3Com	4210 PWR Switch 9-Port	3CR17341-91
HP	4210-8-PoE Switch	JE029A
3Com	4210 PWR Switch 9-Port	3CR17341A-91
HP	4500-24 Switch	JE045A
3Com	4500 Switch 26-Port	3CR17561-91
HP	4500-24G-PoE Switch	JE061A
3Com	4500G PWR Switch 24-Port	3CR17771-91
HP	4500-24-PoE Switch	JE047A
3Com	4500 PWR Switch 26-Port	3CR17571-91
HP	4500-48 Switch	JE046A
3Com	4500 Switch 50-Port	3CR17562-91
HP	4500-48G-PoE Switch	JE063A
HP	E4500-48G-PoE Switch	
3Com	4500G PWR Switch 48-Port	3CR17772-91
HP	4500-48-PoE Switch	JE048A
3Com	4500 PWR Switch 50-Port	3CR17572-91
HP	4510-24G Switch	JF847A
HP	E4510-24G Switch	

Vendor	Product Name	Product Number
3Com	Switch E4510-24G	3CRS45G-24-91
HP	4510-48G Switch	JF428A
HP	E4510-48G Switch	
3Com	4510G Switch 48 Port	3CRS45G-48-91
HP	4800-24G Switch	JD007A
3Com	4800G Switch 24-Port	3CRS48G-24-91
HP	4800-24G-PoE Switch	JD008A
3Com	4800G PWR Switch 24-Port	3CRS48G-24P-91
HP	4800-24G-SFP Switch	JD009A
HP	E4800-24G-SFP Switch	
3Com	4800G Switch 24-Port SFP	3CRS48G-24S-91
HP	4800-48G Switch	JD010A
3Com	4800G Switch 48-Port	3CRS48G-48-91
HP	4800-48G-PoE Switch	JD011A
3Com	4800G PWR Switch 48-Port	3CRS48G-48P-91
HP	5012 Router	JD935A
3Com	5012 Router	3C13701
HP	5120-16G SI Switch	JE073A
H3C	S5120-20P-SI L2, 16GE Plus 4SFP	0235A42B
HP	5120-24G EI TAA-compliant Switch with 2 Interface Slots	JG245A
HP	5120-24G SI Switch	JE074A
H3C	S5120-28P-SI 24GE Plus 4 SFP	0235A42D
HP	5120-24G-PoE+ (170W) SI Switch	JG092A
H3C	S5120-28P-PWR-SI	0235A0E3
HP	5120-24G-PoE+ (370W) SI Switch	JG091A
H3C	S5120-28P-HPWR-SI	0235A0E5
HP	5120-24G-PoE+ EI Switch with 2 Interface Slots	JG236A

Vendor	Product Name	Product Number
HP	5120-24G-PoE+ EI TAA-compliant Switch with 2 Slots	JG247A
HP	5120-48G EI TAA-compliant Switch with 2 Interface Slots	JG246A
HP	5120-48G SI Switch	JE072A
HP	A5120-48G SI Switch	
H3C	S5120-52P-SI 48GE Plus 4 SFP	0235A41W
HP	5120-48G-PoE+ EI Switch with 2 Interface Slots	JG237A
HP	5120-48G-PoE+ EI TAA-compliant Switch with 2 Slots	JG248A
HP	5232 Router	JD943A
3Com	5232 Router	3C13751
HP	5500-24G DC EI Switch	JD373A
H3C	S5500-28C-EI-DC,Ethernet Switch	0235A24S
HP	5500-24G EI Switch	JD377A
H3C	S5500-28C-EI,Ethernet Switch	0235A253
HP	5500-24G EI TAA-compliant Switch with 2 Interface Slots	JG250A
HP	5500-24G SI Switch	JD369A
H3C	S5500-28C-SI,Ethernet Switch	0235A04U
HP	5500-24G-4SFP HI Switch with 2 Interface Slots	JG311A
HP	5500-24G-PoE EI Switch	JD378A
H3C	S5500-28C-PWR-EI,Ethernet Switch	0235A255
HP	5500-24G-PoE SI Switch	JD371A
H3C	S5500-28C-PWR-SI,Ethernet Switch	0235A05H
HP	5500-24G-PoE+ EI Switch with 2 Interface Slots	JG241A
HP	5500-24G-PoE+ EI TAA-compliant Switch with 2 Interface Slots	JG252A
HP	5500-24G-PoE+ SI Switch with 2 Interface Slots	JG238A

Vendor	Product Name	Product Number
HP	5500-24G-SFP DC EI Switch	JD379A
H3C	S5500-28F-EI,Eth Switch,DC Single Pwr	0235A259
HP	5500-24G-SFP EI Switch	JD374A
H3C	S5500-28F-EI,Eth Switch,AC Single	0235A24U
HP	5500-24G-SFP EI TAA-compliant Switch with 2 Interface Slots	JG249A
HP	5500-48G EI Switch	JD375A
H3C	S5500-52C-EI,Ethernet Switch	0235A24X
HP	5500-48G EI TAA-compliant Switch with 2 Interface Slots	JG251A
HP	5500-48G SI Switch	JD370A
H3C	S5500-52C-SI,Ethernet Switch	0235A04V
HP	5500-48G-4SFP HI Switch with 2 Interface Slots	JG312A
HP	5500-48G-PoE EI Switch	JD376A
H3C	S5500-52C-PWR-EI,Ethernet Switch	0235A251
HP	5500-48G-PoE SI Switch	JD372A
H3C	S5500-52C-PWR-SI,Ethernet Switch	0235A05J
HP	5500-48G-PoE+ EI Switch with 2 Interface Slots	JG240A
HP	5500-48G-PoE+ EI TAA-compliant Switch with 2 Interface Slots	JG253A
HP	5500-48G-PoE+ SI Switch with 2 Interface Slots	JG239A
HP	5500G-24 EI 10/100/1000 No Power Supply Unit Switch	JF551A
3Com	SS4 5500G-EI Switch 24PT (NO PSU)	3CR17254-91
HP	5500G-24 EI SFP No Power Supply Unit Switch	JF553A
3Com	SS4 5500G-EI 24 Port,SFP (NO PSU)	3CR17259-91
HP	5500G-48 EI 10/100/1000 No Power Supply Unit Switch	JF552A
3Com	SS4 5500G-EI Switch 48PT (NO PSU)	3CR17255-91
HP	5682 Router	JD946A

Vendor	Product Name	Product Number
3Com	5682 Router	3C13759
HP	5800-24G Switch	JC100A
H3C	S5800-32C - 24-port 1BT Plus 4-port (SFP Plus) Plus 1 media slot	0235A36U
HP	5800-24G TAA-compliant Switch	JG255A
HP	5800-24G-PoE Switch	JC099A
H3C	S5800-32C-PWR - 24-port 10/100/1000BASE-T (RJ45) Plus 4-port 10GBASE-X (SFP Plus) Plus 1 media module, PoE	0235A36S
HP	5800-24G-PoE+ TAA-compliant Switch	JG254A
HP	5800-24G-SFP Switch	JC103A
H3C	S5800-32F 24-port 1000BASE-X (SFP) Plus 4-port 10GBASE-X (SFP Plus) Plus media module (no power)	0235A374
HP	5800-24G-SFP TAA-compliant Switch with 1 Interface Slot	JG256A
HP	5800-48G Switch	JC105A
H3C	S5800-56C 48-port 10/100/1000BASE-T (RJ45) Plus 4port 10GBASE-X (SFP Plus) Plus media module	0235A379
HP	5800-48G Switch with 2 Slots	JC101A
H3C	S5800-60C-PWR 48-port BT Plus 4-port SFP Plus 2 media modules Plus OSM	0235A36W
HP	5800-48G TAA-compliant Switch with 1 Interface Slot	JG258A
HP	5800-48G-PoE Switch	JC104A
H3C	S5800-56C-PWR 48-port BT Plus 4 port (SFP Plus) Plus media module	0235A378
HP	5800-48G-PoE+ TAA-compliant Switch with 1 Interface Slot	JG257A
HP	5800-48G-PoE+ TAA-compliant Switch with 2 Interface Slots	JG242A
HP	5800AF-48G Switch	JG225A
HP	5810-48G Switch	JF242A
HP	A5810-48G with 2 SFP+ slots AC Switch	

Vendor	Product Name	Product Number
H3C	S5810 48-BT, 2 SFP Plus , AC	0235A42H
HP	5820 VPN Firewall Module	JD255A
HP	A5820 VPN Firewall Module	
H3C	S5820 SecBlade VPN Firewall Module	LSWM1FW10, 0231A94J
HP	5830 CTO Built Switch	JG478A
HP	5830AF-48G Switch with 1 Interface Slot	JC691A
HP	5830AF-96G Switch	JC694A
HP	6600 Firewall Processing Router Module	JD250A
HP	A6600 Firewall Processing Module	
H3C	SR66 Gigabit Firewall Module	0231A88A
HP	6600 RPE-X1 Router Module	JC165A
HP	A6600 RPE-X1 Main Processing Unit	
H3C	RT-SR66-RPE-X1-H3	RPE-X1, 0231A761
HP	6600 RSE-X1 Router Main Processing Unit	JC566A
HP	6602 Router Chassis	JC176A
HP	A6602 Router	
H3C	SR6602 1U Router Host	0235A27D
HP	6604 Router Chassis	JC178A
HP	A6604 Router Chassis	
H3C	RT-SR6604-OVS-H3	0235A37X
HP	6604 Router Chassis	JC178B
HP	6608 Router	JC177A
HP	A6608 Router	
H3C	RT-SR6608-OVS-H3	0235A32X
HP	6608 Router Chassis	JC177B
HP	6616 Router Chassis	JC496A
HP	A6616 Router Chassis	

Vendor	Product Name	Product Number
H3C	SR6616 Router Chassis	0235A41D
HP	7500 384Gbps Fabric Module	JD194A
HP	A7500 384Gbps Fabric/Main Processing Unit	
H3C	S7500E 384 Gbps Fabric	0231A73K
HP	7500 384Gbps Fabric Module with 2 XFP Ports	JD193A
HP	A7500 384Gbps Fabric/Main Processing Unit with 2 10GbE XFP Ports	
H3C	S7500E 384 Gbps Fabric w/ 2-port 10GBASE-X (XFP)	0231A73J
HP	7500 384Gbps Fabric Module with 2 XFP Ports	JD193B
HP	A7500 384Gbps Fabric/Main Processing Unit with 2 10GbE XFP Ports	
H3C	S7500E Saliency VI-10G Switch and Route Processing Unit,with 2 XFP Interfaces	LSQ1SRP2XB0, 0231A0KW
HP	7500 384Gbps TAA-compliant Fabric / Main Processing Unit	JC700A
HP	7500 384Gbps TAA-compliant Fabric / MPU with 2 10GbE XFP Ports	JC699A
HP	7500 768Gbps Fabric Module	JD220A
HP	A7510 768Gbps Fabric/Main Processing Unit	
H3C	S7510E 768 Gbps Fabric	LSQ1SRPD0, 0231A86P
HP	7500 768Gbps TAA-compliant Fabric / Main Processing Unit	JC701A
HP	A7510 768Gbps TAA-compliant Fabric/Main Processing Unit	
HP	7502 Switch Chassis	JD242A
HP	A7502 Switch Chassis	
H3C	S7502E Chassis w/ fans	0235A29A
HP	7502 Switch Chassis	JD242B
H3C	S7502E Ethernet Switch Chassis with Fan	0235A0G4

Vendor	Product Name	Product Number
HP	7502 TAA-compliant Main Processing Unit	JC697A
HP	A7502 TAA-compliant Main Processing Unit	
HP	7503 Switch Chassis	JD240A
HP	A7503 Switch Chassis	
H3C	S7503E Chassis w/ fans	0235A27R
HP	7503 Switch Chassis	JD240B
HP	A7503 Switch Chassis	
H3C	S7503E Ethernet Switch Chassis with Fan	0235A0G2
HP	7503 Switch Chassis with 1 Fabric Slot	JD243A
HP	A7503-S Switch Chassis	
H3C	S7503E-S Chassis w/ fans	0235A33R
HP	7503 Switch Chassis with 1 Fabric Slot	JD243B
H3C	S7503E-S Ethernet Switch Chassis with Fan	0235A0G5
HP	7503-S 144Gbps Fabric/MPU with PoE Upgradable 20-port Gig-T/4-port GbE Combo	JC666A
HP	7503-S 144Gbps TAA Fabric / MPU with 16 GbE SFP Ports and 8 GbE Combo Ports	JC698A
HP	7506 Switch Chassis	JD239A
HP	A7506 Switch Chassis H3C S7506E Chassis w/ fans	0235A27Q
HP	7506 Switch Chassis	JD239B
HP	A7506 Switch Chassis	
H3C	S7506E Ethernet Switch Chassis with Fan	0235A0G1
HP	7506 Vertical Switch Chassis	JD241A
HP	A7506-V Switch Chassis	
H3C	S7506E-V Chassis w/ fans	0235A27S
HP	7506 Vertical Switch Chassis	JD241B
HP	A7506-V Switch Chassis	

Vendor	Product Name	Product Number
H3C	S7506E-V Ethernet Switch Chassis with Fan	0235A0G3
HP	7510 Switch Chassis	JD238A
HP	A7510 Switch Chassis	
H3C	S7510E Chassis w/ fans	0235A25N
HP	7510 Switch Chassis	JD238B
HP	A7510 Switch Chassis	
H3C	S7510E Ethernet Switch Chassis with Fan	0235A0G0
HP	8800 Firewall Processing Module	JD251A
H3C	SR88 Firewall Processing Module	0231A88L
HP	8802 Router Chassis	JC147A
HP	A8802 Router Chassis	
H3C	SR8802 10G Core Router Chassis	0235A31B
HP	8802 Router Chassis	JC147B
HP	A8802 Router Chassis	
H3C	SR8802 10G Core Router Chassis	0235A0GC
HP	8805 Router Chassis	JC148A
HP	A8805 Router Chassis	
H3C	SR8805 10G Core Router Chassis	0235A31C
HP	8805 Router Chassis	JC148B
HP	A8805 Router Chassis	
H3C	SR8805 10G Core Router Chassis	0235A0G8
HP	8807 7-slot Chassis Kit	JE203A
3Com	8807 Switch 7-slot Chassis Kit	3C17543
HP	8807 Kit (TAA) Switch	JE204A
3Com	SW8807 Kit TAA	3C17543TAA
HP	8808 Router Chassis	JC149A

Vendor	Product Name	Product Number
HP	A8808 Router Chassis	
H3C	SR8808 10G Core Router Chassis	0235A31D
HP	8808 Router Chassis	JC149B
HP	A8808 Router Chassis	
H3C	SR8808 10G Core Router Chassis	0235A0G9
HP	8810 10-slot AC (TAA) Chassis Kit	JE201A
3Com	SW8810 AC Chassis Kit TAA	3C17541TAA
HP	8810 10-slot Chassis Kit	JE200A
3Com	8810 Switch 10-slot Chassis Kit	3C17541
HP	8812 Router Chassis	JC150A
HP	A8812 Router Chassis	
H3C	SR8812 10G Core Router Chassis	0235A31E
HP	8812 Router Chassis	JC150B
HP	A8812 Router Chassis	
H3C	SR8812 10G Core Router Chassis	0235A0GA
HP	8814 14-slot AC (TAA) Chassis Kit	JE199A
3Com	SW8814 AC Chassis Kit TAA	3C17540TAA
HP	8814 14-slot Chassis Kit	JE198A
3Com	8814 Switch 14-slot Chassis Kit	3C17540
HP	9500 VPN Firewall Module	JD245A
H3C	S9500E SecBlade VPN Firewall Module	LSR1FW2A1, 0231A0AV
HP	9505 Switch Chassis	JC124B
HP	A9505 Switch Chassis	
H3C	S9505E Routing-Switch Chassis	0235A0G6
HP	9508-V Switch Chassis	JC474A
H3C	S9508E-V Routing-Switch Chassis	0235A38Q
HP	9508-V Switch Chassis	JC474B

Vendor	Product Name	Product Number
H3C	S9508E-V Routing-Switch Chassis	0235A38Q
HP	9512 Switch Chassis	JC125A
HP	A9512 Switch Chassis	
H3C	S9512E Chassis w/ Fans	0235A38R
HP	9512 Switch Chassis	JC125B
HP	A9512 Switch Chassis	
H3C	S9512E Routing-Switch Chassis	0235A0G7
HP	A3100 (LS6MCFL1UB) Ethernet Switch	JE545A
H3C	S3100 Ethernet Switch,LS6MCFL1UB,Sin	0231A65T
HP	A3100-16 DC SI 2-slot Switch	JD302A
H3C	S3100-16C-SI - model LS-S3100-16C-SI-DC-OVS	0235A14V
HP	A3100-16 SI with 2 External Slots Switch	JD308A
H3C	S3100-16C-SI - model LS-S3100-16C-SI-AC-OVS	0235A15G
HP	A3100-24 DC SI 2-slot Switch	JD303A
H3C	S3100-26C-SI - model LS-S3100-26C-SI-DC-OVS	0235A14W
HP	A3100-24 SI 2-slot Switch	JD309A
H3C	S3100-26C-SI - model LS-S3100-26C-SI-AC-OVS	0235A15H
HP	A3100-26C-EPON-EI Switch	JG059A
HP	A3100-8 SI 1-slot Switch	JD310A
H3C	S3100-8C-SI - model LS-S3100-8C-SI-DC-OVS	0235A15J
HP	A5100-16G EI Switch	JD351A
H3C	S5100-16P-EI - model LS-5100-16P-EI-OVS-H3	0235A21Q
HP	A5100-16G SI Switch	JD356A
H3C	S5100-16P-SI - model LS-5100-16P-SI-OVS-H3	0235A22R
HP	A5100-16G-PoE EI Switch	JD353A

Vendor	Product Name	Product Number
H3C	S5100-16P-PWR-EI - model LS-5100-16P-PWR-EI-OVS	0235A22K
HP	A5100-24G EI Switch	JD346A
H3C	S5100-24P-EI - model LS-5100-24P-EI-OVS	0235A08K
HP	A5100-24G EI Switch with SFP Uplink	JD344A
H3C	S5100-26C-EI - model LS-5100-26C-EI-OVS	0235A08F
HP	A5100-24G SI Switch	JD348A
H3C	S5100-24P-SI - model LS-5100-24P-SI-OVS-H3	0235A20Q
HP	A5100-24G-PoE EI Switch	JD354A
H3C	S5100-26C-PWR-EI - model LS-5100-26C-PWR-EI-OVS	0235A22M
HP	A5100-48G EI Switch	JD347A
H3C	S5100-48P-EI - model LS-5100-48P-EI-OVS	0235A08M
HP	A5100-48G EI Switch with SFP Uplink	JD345A
H3C	S5100-50C-EI - model LS-5100-50C-EI-OVS	0235A08H
HP	A5100-48G SI Switch	JD349A
H3C	S5100-48P-SI - model LS-5100-48P-SI-OVS-H3	0235A20R
HP	A5100-48G-PoE EI Switch	JD355A
H3C	S5100-50C-PWR-EI - model LS-5100-50C-PWR-EI-OVS	0235A22P
HP	A5100-8G EI Switch	JD350A
H3C	S5100-8P-EI - model LS-5100-8P-EI-OVS-H3	0235A21P
HP	A5100-8G SI Switch	JD357A
H3C	S5100-8P-SI - model LS-5100-8P-SI-OVS-H3	0235A22T
HP	A5100-8G-PoE EI Switch	JD352A
H3C	S5100-8P-PWR-EI - model LS-5100-8P-PWR-EI-OVS	0235A22H

Vendor	Product Name	Product Number
HP	A5120-24G EI Switch	JE066A
H3C	S5120-24P-EI 24GE Plus 4ComboSFP	0235A0BQ
HP	A5120-24G EI Switch with 2 Interface Slots	JE068A
H3C	S5120-28C-EI 24GE Plus 4Combo Plus 2Slt	0235A0BS
HP	A5120-24G-PoE EI 2-slot Switch	JE070A
H3C	S5120-28C-PWR-EI 24G Plus 4C Plus 2S Plus POE	0235A0BU
HP	A5120-48G EI Switch	JE067A
H3C	S5120-48P-EI 48GE Plus 4ComboSFP	0235A0BR
HP	A5120-48G EI Switch with 2 Interface Slots	JE069A
H3C	S5120-52C-EI 48GE Plus 4Combo Plus 2Slt	0235A0BT
HP	A5120-48G-PoE EI 2-slot Switch	JE071A
H3C	S5120-52C-PWR-EI 48G Plus 4C Plus 2S Plus POE	0235A0BV
HP	A6604 Router Bundle with RPE-X1 Modules and Power Supply	JE528A
H3C	SR6604 Router Bundle with RPE-X1 and Pow	0150A12B
HP	A6604 Router with 2 RPE-X1 Modules	JC158A
H3C	RT-SR6604-OVS Plus 2 RPE-X1 Plus 2 AC-H3	0150A12C
HP	A6608 Router (RT-SR6608-OVS+2 RPE-X1+2 AC-H3) Bundle	JE527A
H3C	RT-SR6608-OVS Plus 2 RPE-X1 Plus 2 AC-H3	0150A12A
HP	A6608 Router Bundle with RPE-X1 Modules and Power Supply	JE526A
H3C	SR6608 Router Bundle with RPE-X1 and Pow	0150A129
HP	A9508 Switch Chassis	JC124A
H3C	S9505E Chassis w/ Fans	0235A38P
HP	A-MSR20-15 A Multi-service Router	JD670A
H3C	MSR 20-15 A	0235A31Q
HP	A-MSR20-15 AW Multi-service Router	JD671A

Vendor	Product Name	Product Number
H3C	MSR 20-15 A W	0235A31R
HP	A-MSR20-15 I Multi-service Router	JD672A
H3C	MSR 20-15 I	0235A31N
HP	A-MSR20-15 IW Multi-service Router	JD667A
H3C	MSR 20-15 IW	0235A31P
HP	A-MSR20-21 Router	JD432A
H3C	MSR-20-21 Router	0235A19J
HP	A-MSR20-21 Router	JD663A
H3C	MSR 20-21	0235A325
HP	A-MSR30-20 Multi-service Router Security Bundle	JF286A
H3C	MSR 30-20 Router Host	RTVZ33020AS, 0235A20S
HP	A-MSR30-40, RT-MSR3040-AC-OVS-AS-H3 Multi-service Router	JF232A
H3C	RT-MSR3040-AC-OVS-AS-H3	0235A20V
HP	AR 18-31E Router	JD172A
H3C	AR18-31E Router	0235A09T
HP	E4200-24 SI Switch	JE013A
3Com	4200-SI Switch 28 Port	3C17304A
HP	E4200-24G Switch	JE016A
3Com	4200G Switch 24-Port	3CR17661-91
HP	E4200-24G-PoE Switch	JE020A
3Com	4200G Switch PWR 24-Port	3CR17671-91
HP	E4200-48 SI Switch	JE012A
3Com	4200-SI Switch 50 Port	3C17302A
HP	E4200-48G Switch	JE018A
3Com	4200G Switch 48-Port	3CR17662-91
HP	E4210 8-port (TAA) Switch	JE023A
3Com	4210 Switch 9-Port TAA	3CR17331TAA-91
HP	E4210-16-PoE Switch	JE031A
3Com	4210 Switch PWR 18-Port	3CR17342-91

Vendor	Product Name	Product Number
HP	E4210-8-PoE (TAA) Switch	JE030A
3Com	4210 Switch PWR 9P TAA	3CR17341TAA-91
HP	E4500-24G (TAA) Switch	JE058A
3Com	4500G Switch 24-Port TAA	3CR17761TAA-91
HP	E4500-24G Switch	JE057A
3Com	4500G Switch 24-Port	3CR17761-91
HP	E4500-24G-PoE (TAA) Switch	JE062A
3Com	4500G PWR Switch 24-Port TAA	3CR17771TAA-91
HP	E4500-48G (TAA) Switch	JE060A
3Com	4500G Switch 48-Port TAA	3CR17762TAA-91
HP	E4500-48G Switch	JE059A
3Com	4500G Switch 48-Port	3CR17762-91
HP	E4500-48G-PoE (TAA) Switch	JE064A
3Com	4500G PWR Switch 48-Port TAA	3CR17772TAA-91
HP	E5500-24 EI (TAA) Switch	JE102A
3Com	TAA 5500-EI Switch 28-Port	3CR17161TAA-91
HP	E5500-24 SI Switch	JE099A
3Com	SS4 5500-SI Switch 28 Port	3CR17151-91
HP	E5500-24 Switch	JE101A
3Com	5500-EI Switch 28-Port	3CR17161-91
HP	E5500-24G (TAA) Switch	JE089A
3Com	TAA COMPLIANT 5500G-EI 24-Port	3CR17250TAA-91
HP	E5500-24G Switch	JE088A
3Com	5500G-EI Switch 24 Port	3CR17250-91
HP	E5500-24G-PoE (TAA) Switch	JE093A
3Com	TAA COMPLIANT 5500G-EI PWR 24P	3CR17252TAA-91
HP	E5500-24G-PoE Switch	JE092A
3Com	5500G-EI Switch PWR 24-Port	3CR17252-91
HP	E5500-24G-SFP (TAA) Switch	JE097A
3Com	TAA COMPLIANT 5500G-EI SFP 24P	3CR17258TAA-91

Vendor	Product Name	Product Number
HP	E5500-24G-SFP Switch	JE096A
3Com	5500G-EI Switch SFP 24-Port	3CR17258-91
HP	E5500-24-PoE EI (TAA) Switch	JE106A
3Com	TAA 5500-EI PWR Switch 28-Port	3CR17171TAA-91
HP	E5500-24-PoE Switch	JE105A
3Com	5500-EI PWR Switch 28-Port	3CR17171-91
HP	E5500-24-SFP Switch	JE109A
3Com	5500-EI Switch 28-Port FX	3CR17181-91
HP	E5500-24-SPF EI (TAA) Switch	JE110A
3Com	TAA SWITCH 5500-EI 28-Port FX	3CR17181TAA-91
HP	E5500-48 EI (TAA) Switch	JE104A
3Com	TAA SWITCH 5500-EI 52-Port	3CR17162TAA-91
HP	E5500-48 SI Switch	JE100A
3Com	SS4 SWITCH 5500-SI 52 Port	3CR17152-91
HP	E5500-48 Switch	JE103A
3Com	5500-EI Switch 52-Port	3CR17162-91
HP	E5500-48G (TAA) Switch	JE091A
3Com	TAA COMPLIANT 5500G-EI 48-Port	3CR17251TAA-91
HP	E5500-48G Switch	JE090A
3Com	5500G-EI Switch 48-Port	3CR17251-91
HP	E5500-48G-PoE (TAA) Switch	JE095A
3Com	TAA COMPLIANT 5500G-EI PWR 48P	3CR17253TAA-91
HP	E5500-48G-PoE Switch	JE094A
3Com	5500G-EI PWR Switch 48-Port	3CR17253-91
HP	E5500-48-PoE EI (TAA) Switch	JE108A
3Com	TAA 5500-EI PWR Switch 52-Port	3CR17172TAA-91
HP	E5500-48-PoE Switch	JE107A
3Com	5500-EI PWR Switch 52-Port	3CR17172-91
HP	E7902 Switch Chassis	JE164A
3Com	S7902E Chassis Kit w/ fans	3CS7902E

Vendor	Product Name	Product Number
HP	E7903 1 Fabric Slot Switch Chassis	JE166A
3Com	S7903E-S Chassis Kit w/ fans	3CS7903ES
HP	E7903 Switch Chassis	JE165A
3Com	S7903E Chassis Kit w/ fans	3CS7903E
HP	E7906 Switch Chassis	JE167A
3Com	S7906E Chassis Kit w/ fans	3CS7906E
HP	E7906 Vertical Switch Chassis	JE168A
3Com	S7906E-V Chassis Kit w/ fans	3CS7906EV
HP	F1000-E VPN Firewall Appliance	JD272A
H3C	F1000-E VPN Firewall	0235A26G
HP	F1000-EI VPN Firewall Appliance	JG214A
HP	F1000-S-EI VPN Firewall Appliance	JG213A
HP	F5000 Firewall Main Processing Unit	JG215A
HP	MSR 50-40 Router	JD655A
H3C	MSR 50-40 Chassis	0235A20N
HP	MSR20-10 Router	JD431A
H3C	MSR 20-10	0235A0A7
HP	MSR20-11 Router	JD673A
H3C	MSR 20-11	0235A31V
HP	MSR20-11 Router	JF239A
H3C	RT-MSR2011-AC-OVS-H3	0235A395
HP	MSR20-12 Router	JD674A
H3C	MSR 20-12	0235A32E
HP	MSR20-12 Router	JF241A
H3C	RT-MSR2012-AC-OVS-H3	0235A396
HP	MSR20-12-T Router	JD676A
H3C	MSR 20-12 T1	0235A32B
HP	MSR20-12-T Router	JF806A
H3C	RT-MSR2012-T-AC-OVS-H3	0235A398
HP	MSR20-12-T-W Router (NA)	JG209A

Vendor	Product Name	Product Number
HP	MSR20-12-W Router	JD675A
H3C	MSR20-12 W	0235A32G
HP	MSR20-12-W Router	JF807A
H3C	RT-MSR2012-AC-OVS-W-H3	0235A397
HP	MSR20-13 Router	JD668A
H3C	MSR 20-13	0235A31W
HP	MSR20-13 Router	JF240A
H3C	RT-MSR2013-AC-OVS-H3	0235A390
HP	MSR20-13-W Router	JD669A
H3C	MSR 20-13 W	0235A31X
HP	MSR20-13-W Router	JF808A
H3C	RT-MSR2013-AC-OVS-W-H3	0235A391
HP	MSR20-13-W Router (NA)	JG210A
HP	MSR20-15 Router	JF817A
H3C	MSR 20-15 Router Host (AC), 1 FE, 4 LSW, 1 ADSLoPOTS, 1 DSIC	0235A0A8
HP	MSR20-15-A Router	JF237A
H3C	RT-MSR2015-AC-OVS-A-H3	0235A392
HP	MSR20-15-A-W Router	JF809A
H3C	RT-MSR2015-AC-OVS-IW-H3	0235A38V
HP	MSR20-15-I Router	JF236A
H3C	RT-MSR2015-AC-OVS-I-H3	0235A394
HP	MSR20-15-I-W Router	JF238A
H3C	RT-MSR2015-AC-OVS-AW-H3	0235A393
HP	MSR20-20 Router	JD662A
HP	A-MSR20-20 Router	
H3C	MSR 20-20	0235A19H
HP	MSR20-20 Router	JF283A
H3C	RT-MSR2020-AC-OVS-H3C	0235A324
HP	MSR20-21 Router	JD663B

Vendor	Product Name	Product Number
HP	MSR20-40 Router	JD664A
H3C	MSR 20-40	0235A19K
HP	MSR20-40 Router	JF228A
H3C	RT-MSR2040-AC-OVS-H3	0235A326
HP	MSR30-10 DC Router	JG184A
HP	MSR30-10 Router	JF816A
H3C	MSR 30-10 Router Host (AC), 2FE, 2SIC, 1XMIM, 256DDR	0235A39H
HP	MSR30-11 Router	JF800A
H3C	RT-MSR3011-AC-OVS-H3	0235A29L
HP	MSR30-11E Router	JG182A
HP	MSR30-11F Router	JG183A
HP	MSR30-16 PoE Router	JD659A
H3C	MSR 30-16 POE	0235A238
HP	MSR30-16 PoE Router	JF234A
H3C	RT-MSR3016-AC-POE-OVS-H3	0235A321
HP	MSR30-16 Router	JD665A
H3C	MSR 30-16	0235A237
HP	MSR30-16 Router	JF233A
H3C	RT-MSR3016-AC-OVS-H3	0235A327
HP	MSR30-16 Router with VCX and 4-port FXO and 2-port FXS Modules	JD025A
HP	A-MSR30-16 Router with VCX and 4-port FXO and 2-port FXS Modules	
3Com	MSR 3016 VCX CPM 4FXO/2FXS Bundle	3CRBVCXMSR03A
HP	MSR30-16 Router with VCX Enterprise Branch Communications MIM Module	JD024A
HP	A-MSR30-16 Router with VCX Ent MIM Module	
3Com	MSR 3016 VCX Ent MIM Bundle	3CRBVCXMSR02A
HP	MSR30-20 DC Router	JF235A
H3C	RT-MSR3020-DC-OVS-H3	0235A267

Vendor	Product Name	Product Number
HP	MSR30-20 PoE Router	JD660A
H3C	MSR 30-20 POE	0235A239
HP	MSR30-20 PoE Router	JF802A
H3C	RT-MSR3020-AC-POE-OVS-H3	0235A322
HP	MSR30-20 Router	JD666A
H3C	MSR 30-20	0235A19L
HP	MSR30-20 Router	JF284A
H3C	MSR 30-20 Router	0235A328
HP	MSR30-40 DC Router	JF287A
H3C	MSR 30-40 Router Host (DC)	0235A268
HP	MSR30-40 PoE Router	JD661A
H3C	MSR 30-40 POE	0235A25R
HP	MSR30-40 PoE Router	JF803A
H3C	RT-MSR3040-AC-POE-OVS-H3	0235A323
HP	MSR30-40 Router	JD657A
H3C	MSR 30-40	0235A20J
HP	MSR30-40 Router	JF229A
H3C	RT-MSR3040-AC-OVS-H	0235A299
HP	MSR30-40 Router with VCX and 8-port BRI and 4-port FXS Modules	JD027A
3Com	MSR 3040 VCX CPM 8BRI/4FXS Bundle	3CRBVCXMSR06A
HP	MSR30-40 Router with VCX and 8-port FXO and 4-port FXS Modules	JD026A
3Com	MSR 3040 VCX CPM 8FXO/4FXS Bundle	3CRBVCXMSR05A
HP	MSR30-40 Router with VCX and E1 and 4-port BRI and 4-port FXS Modules	JD029A
HP	A-MSR30-40 Router with VCX and E1 and 4-port BRI and 4-port FXS Modules	
3Com	MSR 3040 VCX CPM E1/4BRI/4FXS Bundle	3CRBVCXMSR08A
HP	MSR30-40 Router with VCX and T1 and 4-port FXO and 4-port FXS Modules	JD028A
HP	A-MSR30-40 Router with VCX and T1 and	

Vendor	Product Name	Product Number
	4-port FX0 and 4-port FXS Modules	
3Com	MSR 3040 VCX CPM T1/4FXO/4FXS Bundle	3CRBVCXMSR07A
HP	MSR30-40 Router with VCX MIM Module	JD023A
3Com	MSR 3040 VCX Ent MIM Bundle	3CRBVCXMSR01A
HP	MSR30-60 DC Router	JF801A
H3C	RT-MSR3060-DC-OVS-H3	0235A269
HP	MSR30-60 PoE Router	JD654A
H3C	MSR 30-60 POE	0235A25S
HP	MSR30-60 PoE Router	JF804A
H3C	RT-MSR3060-AC-POE-OVS-H3	0235A296
HP	MSR30-60 Router	JD658A
H3C	MSR 30-60	0235A20K
HP	MSR30-60 Router	JF230A
H3C	RT-MSR3060-AC-OVS-H3	0235A320
HP	MSR50-40 DC Router	JF285A
HP	A-MSR50-40 DC Router Chassis	
H3C	MSR5040-DC-OVS-H3C	0235A20P
HP	MSR50-40 Router	JD433A
H3C	MSR 50-40 Router	0235A297
HP	MSR50-60 Router	JD656A
H3C	MSR 50-60 Chassis	0235A20L
HP	MSR50-60 Router	JF231A
H3C	RT-MSR5060-AC-OVS-H3	0235A298
HP	MSR50-60 Router Chassis with DC Power Supply	JF640A
HP	MSR900 2-port FE WAN / 4 -port FE LAN Router	JF812A
H3C	MSR 900 Router, 2 FE WAN, 4 FE LAN, 256DDR	0235A0BX
HP	MSR900-W Router	JF814A

Vendor	Product Name	Product Number
H3C	MSR 900 Router with 802.11b/g, 2 FE WAN, 4 FE LAN, 256DDR, 802.11b	0235A0C2
HP	MSR900-W Router (NA)	JG207A
HP	MSR920 2-port FE WAN / 8-port FE LAN / 802.11b/g Router	JF815A
H3C	MSR 920 Router with 802.11b/g, 2 FE WAN, 8 FE LAN, 256DDR	0235A0C4
HP	MSR920 Router	JF813A
H3C	MSR 920 Router, 2 FE WAN, 8 FE LAN, 256DDR	0235A0C0
HP	MSR920-W Router (NA)	JG208A
HP	6040 Router Chassis	JD967A
3Com	6040 Router Chassis	3C13840
HP	6080 Router Chassis	JD972A
3Com	6080 Router Chassis 3C13880	
HP	S5600-26C Ethernet Switch	JD393A
H3C	S5600-26C Ethernet Switch	0235A11F
HP	S5600-26C-PoE Ethernet Switch	JD394A
H3C	S5600-26C-PWR Ethernet Switch	0235A11G
HP	S5600-26F Ethernet Switch	JD395A
H3C	S5600-26F Ethernet Switch	0235A11H
HP	S5600-50C Ethernet Switch	JD391A
H3C	S5600-50C Ethernet Switch	0235A11D
HP	S5600-50C PoE Ethernet Switch	JD392A
H3C	S5600-50C-PWR Ethernet Switch	0235A11E
HP	S9502 (LS-9502-OVS-H3) Routing Switch Chassis	JE551A
H3C	LS-9502-OVS-H3	0235A21X
HP	S9505 Routing Switch Chassis	JC055A
H3C	S9505 Routing Switch Chassis	0235A17A
HP	S9508 Routing Switch Chassis	JC054A

Vendor	Product Name	Product Number
H3C	S9508 Routing Switch Chassis	0235A16T
HP	S9512 Routing Switch Chassis	JC056A
H3C	S9512 Routing Switch Chassis	0235A17B
HP	U200-A UTM Appliance	JD275A
HP	A-U200-A Unified Threat Management Appliance	
H3C	SecPath U200-A	0235A36Q
HP	U200-S UTM Appliance	JD273A
HP	A-U200-S Unified Threat Management Appliance	
H3C	SecPath U200-S	0235A36N
HP	WX5002 Access Controller	JD447A
H3C	WX5002 Access Controller	0235A34B
HP	WX5002 Access Controller	JD447B
HP	A-WX5002 Access Controller	
H3C	WX5002 Access Controller	0235A34B
HP	WX5002 Access Controller	JD468A
3Com	WX 5002 Access Controller	3CRUWX500275
HP	WX5004 Access Controller	JD448A
HP	A-WX5004 Access Controller	
H3C	WX5004 Access Controller	0235A35J
HP	WX5004 Access Controller	JD448B
HP	A-WX5004 Access Controller	
H3C	WX5004 4-Port 1000BASE-X/1000BASE-T (Combo) Access Controller	0235A0GD
HP	WX5004 Access Controller	JD469A
3Com	WX 5004 Access Controller	3CRUWX500475
HP	WX6103 Access Controller Support up to 128 Access Points	JF247A

BACKGROUND

CVSS 2.0 Base Metrics


Reference	Base Vector	Base Score
CVE-2012-3268	(AV:N/AC:M/Au:N/C:C/I:C/A:C)	9.3

Information on CVSS is documented in HP Customer Notice: HPSN-2008-002.

The Hewlett-Packard Company thanks Kurt Grutzmacher (grutz@jingojango.net) and CERT/CC for reporting these vulnerabilities to security-alert@hp.com

RESOLUTION

If your product is listed as vulnerable, a software update to address this issue may be available for download.

1. Using a web browser, go to <http://www.hp.com/networking/support> .
2. Enter the product number or product description into Auto Search.
3. Select the displayed result and click '**Display selected**'.
4. Click Software Downloads from the list of choices provided below.


There is a section called '**Early Availability**' which will contain software that addresses this issue. The descriptive text of the software should indicate SSRT100920 as a further indication that the software addresses this issue. There are important considerations about using Early Availability software:

Early Availability software is recommended for use in:

- Lab testing prior to upgrading a production network
- Evaluation of new features prior to general deployment
- Evaluation with specific applications prior to wider deployment

Please evaluate this software thoroughly prior to deployment in a production environment.

If your product is listed as vulnerable and software is not available via the process outlined previously, you may contact HP Networking support directly by going to this URL:

https://h10145.www1.hp.com/help/Help_ContactInfo.aspx?cwp=2&SelectedTab=2  and clicking on your location to get the technical support telephone number. There are other support options such as Electronic Case submission available.

If your product is listed as vulnerable and a software update is not yet available, HP is currently working to address these vulnerabilities with a new software update. This Security Bulletin will be revised when the software update is available. Prior to the update being made available and you have an impacted product, the following mitigations are recommended:

1. Moving to SNMPv3 with authentication and privacy for all network management applications.
2. Using SNMPv3's VACM to block access to the H3C-USER-MIB for SNMPv1/v2c users.

Here is an example configuration using the 'snmp-agent' command:

```
snmp-agent mib-view include readView iso
snmp-agent mib-view exclude readView hh3cUserPassword
snmp-agent mib-view include writeView iso
snmp-agent mib-view exclude writeView hh3cUserPassword
snmp-agent mib-view include notifyView iso
snmp-agent group v1 testV1ReadGroup read-view readView
snmp-agent usm-user v1 testV1ReadUser testV1ReadGroup
snmp-agent group v1 testV1WriteGroup read-view readView write-view writeView
notify-view notifyView
snmp-agent usm-user v1 testV1WriteUser testV1WriteGroup
snmp-agent community read testV1ReadUser mib-view readView
snmp-agent community write testV1WriteUser mib-view writeView
You may also further control SNMP MIB access using an ACL.
For v1/2
snmp-agent community write testV1WriteUser mib-view writeView acl <acl-number>
snmp-agent community read testV1ReadUser mib-view readView acl <acl-number>
For v3
snmp-agent group v3 testV3Group privacy read-view readView write-view writeView acl
<acl-number>
snmp-agent usm-user v3 testV3User testV3Group authentication-mode sha <auth-passwd>
privacy-mode aes128 <priv-password>
```

3. Configure SNMP community strings with ACLs to limit access to SNMP to just network management workstation(s).

Here is an example configuration:

```
#
acl number 2001
rule 1 permit source 192.168.100.0 0.0.0.255
rule 1 permit source 192.168.100.1 0
acl number 2002
rule 1 permit source 192.168.100.1 0
#
```

```
snmp-agent community read READONLY acl 2001
snmp-agent community write READONLY acl 2002
#
```

4. Disable all local user administrative accounts and use RADIUS or TACACS+ authentication instead.
5. Disable SNMP.

Regarding secure use of switch or router configuration information:

1. Avoid using plaintext protocols such as TFTP or FTP to transfer configuration files that contain local user accounts.
2. Control user privileges on displaying any configuration information or displaying the content of a configuration file. For example, `'display current-configuration'` or `'more <configuration file>'`.

HISTORY

Version:1 (rev.1) - 22 October 2012 Initial release

Version:2 (rev.2) - 25 October 2012 Updated product list and the summary section.

Third Party Security Patches: Third party security patches which are to be installed on systems running HP software products should be applied in accordance with the customer's patch management policy.

Support: For issues about implementing the recommendations of this Security Bulletin, contact normal HP Services support channel. For other issues about the content of this Security Bulletin, send e-mail to security-alert@hp.com.

Report: To report a potential security vulnerability with any HP supported product, send Email to: security-alert@hp.com

Subscribe: To initiate a subscription to receive future HP Security Bulletin alerts via Email:

http://h41183.www4.hp.com/signup_alerts.php?iuid=hpsc_secbulletins 

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