



ServerIron 10.2.01 Combined Patch Release Notes

This release note is a supplement to the ServerIron 10.2.01 Release Notes. It includes software fixes in patch releases 10.2.01a through 10.2.01g. For the upgrade procedure, please refer to 10.2.01 release notes.

Required Software Images

This section describes the management processor (MP) and barrel processor (BP) images you need for this release. These images vary depending upon whether you have switch or router software.

Switch Images

Module	MP Boot File	MP Software File	BP Boot File	BP Software File
ServerIron 4G	MJS10201.bin	WJM10201g.bin	WJS10201.bin	WJP10201g.bin
ServerIron 4G-SSL	MJS10201.bin	WJM10201g.bin	WJS10201.bin	WKP10201g.bin
ServerIron 4G-SSL-FIPS	MJS10201.bin	WJM10201g.bin	WJS10201.bin	WFP10201g.bin
WSM7	M3B10201g.bin	WZM10201g.bin	W3B10201g.bin	WZP10201g.bin
WSM6	M2B10201.bin	WXM10201g.bin	W2B10201.bin	WXP10201g.bin
WSM6-1	M2B10201.bin	WXM10201g.bin	W2B10201.bin	WXP10201g.bin
WSM6-2	M2B10201.bin	WXM10201g.bin	W2B10201.bin	WXP10201g.bin
WSM6-SSL-1	M2B10201.bin	WXM10201g.bin	W2B10201.bin	WAP10201g.bin
WSM6-SSL-2	M2B10201.bin	WXM10201g.bin	W2B10201.bin	WAP10201g.bin
SRVC-SSL-1			W2B10201.bin	WAP10201g.bin
SRVC-SSL-2			W2B10201.bin	WAP10201g.bin

Router Images

Module	MP Boot File	MP Software File	BP Boot File	BP Software File
ServerIron 4G	MJS10201.bin	WJR10201g.bin	WJS10201.bin	WJB10201g.bin
ServerIron 4G-SSL	MJS10201.bin	WJR10201g.bin	WJS10201.bin	WKB10201g.bin
ServerIron 4G-SSL-FIPS	MJS10201.bin	WJR10201g.bin	WJS10201.bin	WFB10201g.bin
WSM7	M3B10201g.bin	WZR10201g.bin	W3B10201g.bin	WZB10201g.bin
WSM6	M2B10201.bin	WXR10201g.bin	W2B10201.bin	WXB10201g.bin
WSM6-1	M2B10201.bin	WXR10201g.bin	W2B10201.bin	WXB10201g.bin
WSM6-2	M2B10201.bin	WXR10201g.bin	W2B10201.bin	WXB10201g.bin
WSM6-SSL-1	M2B10201.bin	WXR10201g.bin	W2B10201.bin	WAB10201g.bin
WSM6-SSL-2	M2B10201.bin	WXR10201g.bin	W2B10201.bin	WAB10201g.bin
SRVC-SSL-1			W2B10201.bin	WAB10201g.bin
SRVC-SSL-2			W2B10201.bin	WAB10201g.bin

FPGA Image Required for 10 Gigabit Ethernet Modules

The 10Gig Ethernet line cards, B10Gx1 and B10Gx2, require FPGA image revision 50 or later; otherwise Layer 4-7 functions do not work.

Use the **show flash** command to verify that you are running the correct 10G FPGA version as shown in the following in **bold**:

```
2x10 GIG module slot 2
2X10G XTM FGPA version: 89 revision: 43 2004/05/19 13:58:18
2X10G XPPE FGPA version: 88 revision: 54 2008/10/14 18: 1:30
```

The latest XPPE FPGA revision is 54. If you are operating with an earlier revision, you can upgrade the XPPE FPGA on a 10G module using the following command:

```
ServerIron# 10g copy tftp fl <tftp ip addr> xpp_54.bin
```

You must perform a **reload** for the new FPGA image to take effect.

The tables below list the software issues that were fixed in this release. The **P** column indicates the priority of the software fix, as follows:

- 0 = Critical
- 1 = Major
- 2 = Medium
- 3 = Minor

The table is sorted by Category, then by Priority, then by Bug ID.

Patch Release 10.2.01g

Category	P	Description	Bug ID #
Debug Filter	3	Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL Symptom: A ServerIron may not be able to capture the CDP packets with a packet capture utility with the rules defined for destination MAC address of the CDP packets. Resolution: Fixed in Release 10.2.01g	97419
GSLB	1	Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL Symptom: The ServerIron changes the maximum RTT and Prefix cache entries available to be 50000 and 101786 respectively. They should only be 10000 and 11786 respectively. These values can be seen in the output from the show gslb resource command. Resolution: Fixed in Release 10.2.01g	97958
GSLB	2	Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL Symptom: A Site ServerIron sends TCP packets with a wrong sequence number in a case where the sum of the last acknowledged sequence number and the window size exceeds 4 billion (0xFFFFFFFF). The GSLB controller drops these packets for being out-of-sequence and brings down the GSLB connection to the site ServerIron. Resolution: Fixed in Release 10.2.01g	98934
Health Check	2	Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL Symptom: A ServerIron may perform a system reset under some circumstances if it runs out of TCP socket resources. Resolution: Fixed in Release 10.2.01g	96426

Category	P	Description	Bug ID #
Health Check	2	<p>Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL</p> <p>Symptom: A ServerIron stops performing health checks over a period of time for the alias port when a real-port is used and bound to SSL.</p> <p>Resolution: Fixed in Release 10.2.01g</p>	100225
L7 switching	1	<p>Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL</p> <p>Symptom: A ServerIron configured with content switching (CSW) for response-rewrite may cause a system reset when it receives an HTTP request split into multiple packets.</p> <p>Resolution: Fixed in Release 10.2.01g</p>	100608
L7 switching	2	<p>Module: WSM6-SSL and SI-4G-SSL</p> <p>Symptom: A ServerIron does not send an ACK message for HTTP requests when an HTTP header is split into multiple packets even when spoofing is enabled.</p> <p>Resolution: Fixed in Release 10.2.01g</p>	98367
L7 switching	2	<p>Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL</p> <p>Symptom: A ServerIron is unable to match the CSW rule with the host-header pattern and when the host-header contains special characters.</p> <p>Resolution: Fixed in Release 10.2.01g</p>	100264
SLB	2	<p>Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL</p> <p>Symptom: A ServerIron configured with the clear-stateless-hash command does not redistribute hash buckets when a new server is added or the server comes up. This causes the ServerIron to not send any traffic for the real server that has just come up and consequently not send traffic to this real server.</p> <p>Resolution: Fixed in Release 10.2.01g</p>	99249
SLB	2	<p>Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL</p> <p>Symptom: When an upstream firewall causes a failover and a ServerIron is configured for Remote Server Load Balancing with source-nat, it does not send traffic to the remote server with the DMAC of the newly ACTIVE Firewall which causes SLB to fail.</p> <p>Resolution: Fixed in Release 10.2.01g</p>	100800

Category	P	Description	Bug ID #
SLB	2	Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL Symptom: The "Dynamic Weighted Reverse" predictor does not work for Remote Server Load Balancing if a ServerIron is reloaded. Resolution: Fixed in Release 10.2.01g	100832
SLB DSR	2	Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL Symptom: When a ServerIron is incorrectly configured with port translation for DSR, it does not delete or age-out the reverse sessions which causes it to run out of session resources. Resolution: Fixed in Release 10.2.01g	100118
SSH	2	Module: WSM6-SSL & SI-4G-SSL Symptom: SSH access to the ServerIron 4G and ServerIron 4G-SSL locks-up intermittently. Resolution: Fixed in Release 10.2.01g	100325
SSL	1	Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL Symptom: A ServerIron may perform a system reset when uploading SSL certificates in PKCS12 format and when it reaches the maximum limit of 512 certificates. Resolution: Fixed in Release 10.2.01g	98230
SSL	1	Module: WSM6-SSL & SI-4G-SSL Symptom: With SSL-terminate configured on a ServerIron, if an SSL record is split into multiple packets, the SSL record gets corrupted which causes an SSL connection failure. Resolution: Fixed in Release 10.2.01g	98287
SSL	1	Module: WSM6-SSL and SI-4G-SSL Symptom: With SSL-terminate configured on a ServerIron, the system may experience memory depletion if the sub-state of the SSL session is incorrect. Resolution: Fixed in Release 10.2.01g	100749

Category	P	Description	Bug ID #
SSL	2	Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL Symptom: A ServerIron enabled with SSL-terminate or any TCP full stack feature such as HTTP compression or TCP proxy uses sequence numbers in an unpredictable manner which Windows 2003 Server may not honor in certain cases where the client is reusing a TCP source port. Resolution: Fixed in Release 10.2.01g	99359
SSL	2	Module: WSM6-SSL and SI-4G-SSL Symptom: With SSL-terminate configured on a ServerIron, the " cavium instruction errors " count may go up due to a timing issue even when there is nothing wrong with the original instruction. Resolution: Fixed in Release 10.2.01g	100746
SSL	3	Module: WSM6-SSL and SI-4G-SSL Symptom: Additional counters for malloc failures and cavium instruction errors have been added. The additional counters are displayed when the show ssl stat counters command is executed. Resolution: Added in Release 10.2.01g	100510
SSL	3	Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL Symptom: The server use-session-for-vip-mac command does not work for the SSL-terminate VIP or any VIP configured with the TCP full-stack feature, such as HTTP compression or TCP proxy. Resolution: : Fixed in Release 10.2.01g	100457
SSL	2	Module: WSM6-SSL and SI-4G-SSL Symptom: With SSL-terminate configured on a ServerIron, a cavium instruction may timeout, even before getting a response, due to incorrect timeout values being set. Resolution: Fixed in Release 10.2.01g	100751
System	1	Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL Symptom: IPC Checksum errors may be seen due to double-free of the hardware buffer on the Management Module. Resolution: Fixed in Release 10.2.01g	98854

Category	P	Description	Bug ID #
System	2	<p>Module: WSM7</p> <p>Symptom: With Dual WSM7 management modules installed, the STANDBY management module gets deleted and is never detected by ACTIVE Management module, when power-cycling a chassis,.</p> <p>This problem is only applicable to dual WSM7 configurations and the issue is with the boot code and not the flash code. It is advisable to upgrade both boot code and flash code .</p> <p>Resolution: Fixed in Release 10.2.01g</p>	100113
System	3	<p>Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL</p> <p>Symptom: The show ip tcp connections command has been enhanced to display TCB buffer usage such as how many buffers are in use out of the total available.</p> <p>Resolution: Added in Release 10.2.01g</p>	100514
VLAN	2	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: The ip-subnet command does not work correctly; The ServerIron does not restrict the ARP request to the specific VLAN and sends the request to all configured VLANs.</p> <p>Resolution: Fixed in Release 10.2.01g</p>	94281
VRRP-E	1	<p>WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: A ServerIron may perform a system reset when changing the backup-priority for the VRID.</p> <p>Resolution: Fixed in Release 10.2.01g</p>	97681

Software Fixes in Patch Release 10.2.01f

Category	P	Description	Bug ID #
CLI	3	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: In the output from the show server proxy command, some of the columns for "buffer multi pool info" and "multi state pool info" are misaligned.</p> <p>Resolution: Fixed in Release 10.2.01f.</p>	95505

Category	P	Description	Bug ID #
CLI	3	Module: WSM6-SSL, SI4G & SI4G-SSL Symptom: The output from the command show ssl cert does not reflect the correct size of the certificate if the certificate has intermediate certificates. Resolution: Fixed in Release 10.2.01f.	87940
Health Check	2	Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL Symptom: A ServerIron may perform a system reset under certain circumstances if it runs out of TCP socket resources. Resolution: Fixed in Release 10.2.01f.	96426
HTTP Compression	1	Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL Symptom: The Firefox Web browser reports an encoding error when the server sends data in chunks where HTTP compression enabled on the ServerIron. Resolution: Fixed in Release 10.2.01f.	96684
HTTP Compression	1	Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL Symptom: A ServerIron may cause a system reset due to a double free of the buffers when HTTP compression is configured. Resolution: Fixed in Release 10.2.01f.	96685
HTTP Compression	1	Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL Symptom: With HTTP compression configured, a ServerIron may cause data corruption while performing an HTTP compression operation which causes the client browser to display a web page incorrectly. Resolution: Fixed in Release 10.2.01f.	97203
HTTP Compression	1	Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL Symptom: HTTP Compression does not work when the "deflate" compression format is used. Resolution: Fixed in Release 10.2.01f.	95803
L7 Switching	1	Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL Symptom: A ServerIron configured for content switching (CSW) may cause a system reset due to memory pool corruption. Resolution: Fixed in Release 10.2.01f.	97759

Category	P	Description	Bug ID #
L7 Switching	2	Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL Symptom: With CSW and cookie-insertion enabled, the ServerIron inserts the cookie twice under certain circumstances. Resolution: Fixed in Release 10.2.01f.	96670
L7 Switching	2	Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL Symptom: A ServerIron may perform a system reset during a session-sync when Active-Active SLB design and content switching with HTTP 1.1 keep-alive is configured, Resolution: Fixed in Release 10.2.01f.	94962
SLB	1	Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL Symptom: A ServerIron may cause a system reset while unbinding a real server with an alias port. Resolution: Fixed in Release 10.2.01f.	96762
SLB	1	Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL Symptom: VIPs do not fail-over when VRRP-E fails over when the vip-group is configured with a vip-group number greater than 20. Resolution: Fixed in Release 10.2.01f.	95884
SLB	2	Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL Symptom: The Weighted Round Robin (WRR) predictor stops working once the "totalconnection" counter for the server ports reaches a large value. Resolution: Fixed in Release 10.2.01f.	96042
SLB	2	Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL Symptom: The ServerIron does not allow a user to configure the command: port <port> non-sticky-exceed-max at the virtual server config level. Resolution: Fixed in Release 10.2.01f.	93640
SLB	3	Module: WSM6, WSM7, WSM6-SSL Symptom: With the Slave-SSL module, after a reload, the PBSLB configuration is not copied over to the BP. Resolution: Fixed in Release 10.2.01f.	97026

Category	P	Description	Bug ID #
SSL	2	<p>Module: WSM6-SSL & SI4G-SSL</p> <p>Symptom: While, beginning with release 10.2.00, ServerIron supports 512 certificates, it still sends the following error message when a user tries to upload more than 256 certificates:</p> <p>Error: the max number of certificates has been reached.</p> <p>Resolution: Fixed in Release 10.2.01f.</p> <p>With this fix, the ServerIron will now send this message when a user tries to upload more than 512 certificates.</p>	83473
SSL	3	<p>Module: WSM6-SSL & SI4G-SSL</p> <p>Symptom: The commands "clear ssl cert" and "clear ssl key" are not synchronized between redundant management modules.</p> <p>Resolution: Fixed in Release 10.2.01f.</p>	91818
System	1	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: A ServerIron may exhaust all L4 CAM entries if Policy Based Routing (PBR) is configured.</p> <p>Resolution: Fixed in Release 10.2.01f.</p>	97016
System	1	<p>Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL</p> <p>Symptom: When using SNMP or Web management, a ServerIron may randomly perform a system reset due to memory corruption.</p> <p>Resolution: Fixed in Release 10.2.01f.</p>	94053
System	1	<p>Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL</p> <p>Symptom: When the predictor is round-robin, binding a virtual port to a real port may cause a system reset due to an invalid memory reference.</p> <p>Resolution: Fixed in Release 10.2.01f.</p>	95921
System	1	<p>Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL</p> <p>Symptom: A ServerIron with a startup configuration size larger than 300KB when reloaded may cause continuous system reset.</p> <p>Resolution: Fixed in Release 10.2.01f.</p>	98039

Category	P	Description	Bug ID #
System	2	Module: SI4G & SI4G-SSL Symptom: The SI4G pads frames that are equal to or larger than 64 bytes. Frames should only be padded when they are less than 64 bytes including 4 bytes for FCS. Resolution: Fixed in Release 10.2.01f.	94348
Web Management	3	Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL Symptom: When a user tries to use the Web GUI to bind a real server that has a space character in its name, the binding fails and the following error message is displayed: <code>Cmd:bind HTTP Server .71 HTTP, Error=>Type ? for as list</code> Resolution: Fixed in Release 10.2.01f.	95231
Web Management	3	Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL Symptom: When a user tries to modify the default-vlan-id from 1 to any value via the Web-Client, all of the ports in a new default-vlan-id are not displayed in 'Available ports' table. Resolution: Fixed in Release 10.2.01f.	95950

Software Fixes in Patch Release 10.2.01e

Category	P	Description	Bug ID #
CLI	2	Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL Symptom: The command " show server real " does not display the complete output when the command output contains many real servers. Resolution: Fixed in Release 10.2.01e	92403

Category	P	Description	Bug ID #
HTTP Compression	3	<p>Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL</p> <p>Symptom: ServerIron performs HTTP compression with Cascading Style Sheets (CSS) content by default. This is a problem for MS Internet Explorer because it can not handle compressed and chunked CSS content.</p> <p>Resolution: Fixed in Release 10.2.01e</p> <p>With this fix, HTTP compression for CSS content is disabled by default. To enable HTTP compression for CSS content, you need to define the command "http-compression content-type text/css" under csw policy.</p> <p>The example below shows how to enable HTTP compression for CSS content.</p> <pre>ServerIron# conf t ServerIron(config)# csw-policy "p1" type http-compression ServerIron(config-fsm-p1)# http-compression content-type "text/css" ServerIron 4G(config-fsm-p1)#</pre>	95100
L7 Switching	1	<p>Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL</p> <p>Symptom: A ServerIron configured for CSW with cookie switching may randomly perform system reset or run out of buffers when an HTTP POST request is received.</p> <p>Resolution: Fixed in Release 10.2.01e</p>	94950
L7 Switching	2	<p>Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL</p> <p>Symptom: In a High Availability setup, a ServerIron configured with CSW does not work for HTTP 1.0 connections with asymmetric traffic flow.</p> <p>Resolution: Fixed in Release 10.2.01e</p>	93673
Link Aggregation	3	<p>Module: 2x10G</p> <p>Symptom: Where 10G XENPAKs with different manufacturers are used together in an LACP trunk, the primary port of the trunk fails to come up after a reload.</p> <p>Resolution: Fixed in Release 10.2.01e</p>	90970

Category	P	Description	Bug ID #
Security	3	<p>Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL</p> <p>Symptom: A ServerIron may exhaust all session entires if UDP Transaction Rate Limiting (TRL) is configured and the traffic is received over a period of time.</p> <p>Resolution: Fixed in Release 10.2.01e</p>	95092
SLB	2	<p>Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL</p> <p>Symptom: A ServerIron is configured with "source-nat" and "spoofing" for a given VIP. When the ServerIron receives a TCP SYN packet for the same VIP with the unknown source MAC-address in the packet then it fails to create a spoofing session with correct MAC address because it is UNKNOWN. This causes the TCP SYN/ACK packet from the real server to the client being dropped. The issue persists for the retransmitted SYN for the same connection. The new connection works fine.</p> <p>Resolution: Fixed in Release 10.2.01e</p>	95699
SLB	3	<p>Module: WSM7</p> <p>Symptom: Feature enhancement to support Type of Service (ToS) at VIP level.</p> <p>Resolution: Added in Release 10.2.01e</p> <p>To enable ToS marking feature at the virtual server config level, please use the following commands.</p> <pre>ServerIron(config)# server virtual vip1 ServerIron(config-vs-vip1)# tos-marking <value></pre> <p>This value is a configurable integer from 1 to 63.</p> <p>To disable ToS marking feature at the virtual server config level, please use the following commands.</p> <pre>ServerIron(config)# server virtual vip1 ServerIron(config-vs-vip1)# no tos-marking <value></pre> <p>Syntax: [no] tos-marking <value></p> <p>Once you enable this feature at the Virtual Server config level then it is applicable to both the health checks by the ServerIron to the bound real servers and to client traffic forwarded by the ServerIron to the bound real servers.</p> <p>This feature is only supported on WSM7</p>	86962

Category	P	Description	Bug ID #
SLB	3	Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL Symptom: The SLB Predictor method "Dynamic weighted reverse" fails to work after reloading the ServerIron. Resolution: Fixed in Release 10.2.01e	93072

Category	P	Description	Bug ID #
SLB	3	<p>Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL</p> <p>Symptom: Feature enhancement for Route Health Injection (RHI). VIP RHI inject-always needs to be configurable at the virtual server config level.</p> <p>Resolution: Added in Release 10.2.01e</p> <p>In both symmetric and sym-active topologies, only the owner of the VIP (the VIP in the ACTIVE state) will inject the route. In this topology, the ServerIron will withdraw the VIP route when a VIP transitions from Active to Standby state. Similarly, the ServerIron will inject the VIP route when a VIP transitions from Standby to Active, if the VIP is healthy at the time of the transition. Optionally, one can enable a ServerIron to inject a VIP route inside the routing process regardless of its VIP ownership status. Prior to this release, a user could configure the following command to enable a ServerIron to inject the VIP route regardless of its ownership. This CLI command is global and is applicable to all RHI VIPs configured on the ServerIron.</p> <pre>ServerIron(config)# server rhi-inject-always</pre> <p>Syntax: [no] server rhi-inject-always</p> <p>With the 10.2.01e release, a user can also enable or disable inject-always at the VIP level (in addition to the global command described above). To enable this command at the VIP level, enter the following CLI command under the VIP, as shown in the following:</p> <pre>ServerIron# configure terminal ServerIron(config)# server virtual test 30.30.30.30 ServerIron(config-vs-test)# inject-always</pre> <p>Syntax: [no] inject-always</p> <p>If the server rhi-inject-always command is configured globally, you can disable this behavior for some specified VIPs by configuring the disable-inject-always command as shown in the following:</p> <pre>ServerIron# configure terminal ServerIron(config)# server virtual test 30.30.30.30 ServerIron(config-vs-test)# disable-inject-always</pre> <p>Syntax: [no] disable-inject-always</p>	95391

Category	P	Description	Bug ID #
SLB Hot-Standby	2	Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL Symptom: In a Hot-Standby setup, SLB Partner MAC is not learned if Backup-group ID is greater than 7. Resolution: Fixed in Release 10.2.01e	82371
SLB Hot-Standby	3	Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL Symptom: Enhancement Feature request: In a Hot-Standby setup, backup-group ID is currently limited to 32 but needs to be to 127. Resolution: Added in Release 10.2.01e. The following example demonstrates what happens if a number greater than 127 is attempted to be configured. <i>ServerIron(config)#server backup-group ? DECIMAL backup group id</i> <i>ServerIron(config)#server backup-group 128 Error - 128 not between 0 and 127</i> <i>ServerIron(config)#</i>	95571
SSH	1	Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL Symptom: SSH does not work for a client using the Secure CRT application. Resolution: Fixed in Release 10.2.01e	94643
SSH	3	Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL Symptom: Feature enhancement to display banner before SSHv2 password authentication. Resolution: Fixed in Release 10.2.01e	94204
System	2	Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL Symptom: ServerIron is unable to save the command " server set-hw-buf-usage-threshold <value> " in the startup configuration and it is removed after a reload. Resolution: Fixed in Release 10.2.01e	94960

Category	P	Description	Bug ID #
System	3	<p>Module: SI-4G and SI-4G-SSL</p> <p>Symptom: The Default and Maximum values for the "ip-filter-sys" parameter on the SI-4G product family switches is incorrectly set to be 64 and 1024 instead of 1024 and 16383 respectively. The following example displays the incorrect values.</p> <pre>ServerIron# show default values System Parameters Default Maximum Current ip-filter-sys 64 1024 64</pre> <p>Resolution: Fixed in Release 10.2.01e.</p> <p>The Default and Maximum values for the "ip-filter-sys" parameter have been now restored to the correct values: 1024 and 16383 respectively. The following example displays the corrected values.</p> <pre>ServerIron# show default values System Parameters Default Maximum Current ip-filter-sys 1024 16383 1024</pre>	95195
System	3	<p>Module: WSM6, WSM7, WSM6-SSL, SI-4G and SI-4G-SSL</p> <p>Symptom: A ServerIron may perform a random reset if Policy Based Routing (PBR) is configured for L4 switched SLB traffic. The issue is not seen if CSW is enabled for the same VIP.</p> <p>Resolution: Fixed in Release 10.2.01e</p>	95281

Software Fixes in Patch Release 10.2.01d

Category	P	Description	Bug ID #
CLI	3	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: With "aaa accounting" enabled, when a user tries to cut and paste certain commands via a TELNET session, some of the commands may not be executed.</p> <p>Resolution: Fixed in Release 10.2.01d.</p>	83111

Category	P	Description	Bug ID #
GSLB	3	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: GSLB controller configured with “dns cache-proxy” or “dns transparent-intercept” mode along with an access-list for the same flow may forward DNS query to the DNS server instead of intercepting if ACL session is present.</p> <p>Resolution: Added in Release 10.2.01d.</p> <p>The new command has been implemented to fix the issue.</p> <p>Global config command:</p> <p><i>ServerIron(Config)# gslb respond-sess-found</i></p>	90363
Health Check	3	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: While configuring multiple http match-lists, a second http match-list configured with "default down" and "up simple OK" is not seen in the configuration if a previous one is configured with only "default down".</p> <p>Resolution: Fixed in Release 10.2.01d.</p>	76509
Health check	3	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: A ServerIron configured with the command real-port for an alias port may cause Layer 7 health checks to flap.</p> <p>Resolution: Fixed in Release 10.2.01d.</p>	89731
Health check	3	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: Support is needed for “keepalive use-master-state” for UDP ports and protocols. Currently it is available only for TCP ports and protocols.</p> <p>Resolution: Added in Release 10.2.01d.</p> <p>Starting with this release, user can now configure “keepalive use-master-state” for udp ports and protocol.</p> <p><i>ServerIron(config)# server port dns</i> <i>Serveriron(config-port-dns)# udp keepalive use-master-state</i></p>	90205

Category	P	Description	Bug ID #
L2 Switching	1	<p>Module: WSM6, WSM7, WSM6-SSL & B10Gx2</p> <p>Symptom: A ServerIron with a B-10Gx2 module may intermittently run into a 10G port lockup issue. During the port lockup issue, the ServerIron will fail to receive any packets on the locked-up port although it can transmit the packets successfully.</p> <p>Example: ARP requests are sent out but ARP replies are never received on the ports even though they are sent by the hosts.</p> <p>Resolution: Fixed in Release 10.2.01d.</p> <p>Beginning with this release, the following command can be configured at the global config level to detect the condition described above and clear the locked-up port. Please use this command only if you run into this problem.</p> <p><i>ServerIron(config)# check-backplane-ready-signal</i></p>	92123
L2 Switching-UDLD	2	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: Link-keepalive does not come up between devices running BigIron-RX and ServerIron switch code.</p> <p>Resolution: Fixed in Release 10.2.01d.</p>	84234
L7 switching	1	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: A ServerIron when configured with CSW and the predictor method Weighted Round Robin (WRR), WRR predictor does not work properly when the ServerIron falls back to layer 4 switching due to CSW failure. It works when it is configured with a predictor method round-robin.</p> <p>Resolution: Fixed in Release 10.2.01d.</p>	84010
L7 switching	2	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: A ServerIron configured with CSW and cookie-insertion along with the command 'server l7-dont-use-gateway-mac' may send some packets to the real server instead forwarding them to the client after it inserts a cookie and the HTTP response is split into multiple packets.</p> <p>Resolution: Fixed in Release 10.2.01d.</p>	90510

Category	P	Description	Bug ID #
L7 switching	2	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: With an HTTP POST request spanning into multiple packets, after the header is complete in the first packet, a ServerIron does not store subsequent packets. This causes a retransmission and hence a delay.</p> <p>Resolution: Fixed in Release 10.2.01d.</p>	91869
NAT/ACL/FW LB	3	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: A UDP trace route may fail as ICMP destination unreachable messages from intermediate routers are received on a different BP than the BP which received the original UDP packet.</p> <p>This is caused by the "match-all" L4-7 CAM entries created by ServerIron for features such as IP NAT, ACL or FWLB.</p> <p>Resolution: Fixed in Release 10.2.01d.</p>	87541
PBR		<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: Policy Based Routing (PBR) fails if a ServerIron is configured for CSW with cookie-insertion. In this situation, the ServerIron sends client packets to the server.</p> <p>Resolution: Fixed in Release 10.2.01d.</p>	93262
RMON	2	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: A ServerIron does not allow configuring an RMON EVENT.</p> <p>Resolution: Fixed in Release 10.2.01d.</p>	85487
SIP Switching	3	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: A ServerIron configured with sip-switching and other UDP ports on the same virtual server causes SLB for the UDP ports to fail. Otherwise, SIP switching works within this configuration.</p> <p>Resolution: Fixed in Release 10.2.01d.</p>	92267
SIP Switching	3	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: Forceful server reselection needs to be supported upon server port failure within Stateful SIP switching.</p> <p>Resolution: Added in Release 10.2.01d.</p> <p>Starting with this release, you can use the following command (at the global config level) to enable forceful server reselection upon server port failure in the case of Stateful SIP:</p> <p><i>server sip enable-session-failover-on-server-failure</i></p>	87615

Category	P	Description	Bug ID #
SIP Switching	3	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: A value of 0 is needed for the sip-hash-table-idle-time variable.</p> <p>Resolution: Added in Release 10.2.01d.</p> <p>Starting this release, you use the following command (at the global config level) to set the sip-hash-table-idle-time to 0:</p> <pre>server sip-hash-table-idle-time 0</pre>	94086
SLB	1	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: In a Hot-standby setup with the “dsr-fast-delete” feature enabled along with the server accelerated-fin-synch command, the Standby ServerIron does not put sessions into the delete queue even after receiving a session sync message for FIN.</p> <p>Resolution: Fixed in Release 10.2.01d.</p>	91994
SLB	2	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: The weighted-round-robin predictor method fails to work if there are only “remote servers” bound to the virtual server.</p> <p>Resolution: Fixed in Release 10.2.01d.</p>	90724
SLB	2	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: With dynamic weighted predictor enabled, a ServerIron will not parse the OID correctly if the received OID is longer than a certain length. This results in failure of the dynamic weighted predictor.</p> <p>Resolution: Fixed in Release 10.2.01d.</p>	93543
SLB	2	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: A ServerIron configured for VIP with host-range does not send gratuitous ARPs for the Virtual IP addresses other than the base address.</p> <p>Resolution: Fixed in Release 10.2.01d.</p>	78835
SLB	3	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: RTSP with port translation is not supported.</p> <p>Resolution: Added in Release 10.2.01d.</p> <p>Starting with this release, RTSP with port translation is now supported.</p> <p>In order to support RTSP with port translation you need to configure the following command at the global config level:</p> <pre>ServerIron(config)# server rtsp-for-unknown-port.</pre>	87809

Category	P	Description	Bug ID #
SLB	3	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: Enhancement needed to the "backup-stay-active" feature to allow all ports of the real server that are part of backup-stay-active to follow the same backup state.</p> <p>Resolution: Added in Release 10.2.01d.</p> <p>To enable this feature, you must configure the following command at the virtual server config level:</p> <pre>backup-stay-active-port-group <num> <port1> <port2> .. <portn></pre> <p>With this command configured, if one of the ports of the real server is marked as being in the backup state, all ports of the real server that are part of backup-stay-active and part of the backup-stay-active-port-group will be marked as being in the backup state.</p>	91491
SLB-WTS	2	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: Delayed binding fails intermittently for windows terminal services with persistence enabled. The ServerIron does not inspect the token that is received from the client in order to select the server based on the token from the client. Packets are getting Layer4 switched.</p> <p>Resolution: Fixed in Release 10.2.01d.</p>	92952
SSL	2	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: The ServerIron occasionally fails to create a socket for port SSL when the user configures tcp-profile and applies it to an SSL-terminate VIP port.</p> <p>Resolution: Fixed in Release 10.2.01d.</p>	92157
SSL	3	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: The commands "clear ssl cert" and "clear ssl key" are not synchronized between redundant management modules.</p> <p>Resolution: Fixed in Release 10.2.01d.</p>	91818
SSL	3	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: With SSL-Client-Authentication enabled, a ServerIron sends DN information only for the first certificate even if there are multiple certificates.</p> <p>Resolution: Fixed in Release 10.2.01d.</p>	92473

Category	P	Description	Bug ID #
System	1	<p>Module: WSM6, WSM7, WSM6-SSL & B10Gx2</p> <p>Symptom: The ServerIron misinterprets the FPGA Flash Version for 10G modules when the command clear cam is executed. This causes incorrect Layer 4-7 CAM programming makes SLB fail.</p> <p>Resolution: Fixed in Release 10.2.01d.</p> <p>This command is now removed from the CLI as it is only useful for debugging purposes by Brocade Support Engineers.</p>	89069
System	1	<p>Module: WSM7</p> <p>Symptom: While upgrading a ServerIron with Dual WSM7 modules, from older releases to 10.2.01d, MP flash code sync from Active Management module to Standby Management module will fail.</p> <p>You will notice, "Sync secondary code in flash...Failed" error as seen below when ServerIron tries to sync the MP code.</p> <pre> ServerIron2# copy tftp flash 10.176.7.20 WXR10201d.bin sec Flash Erase (first 2 Meg)----- Flash Memory Write (8192 bytes per dot) Flash Erase (2 Meg more, Normal process) ----- Flash Memory Write (8192 bytes per dot) Flash Erase (2 Meg more, Normal process) ----- Flash Memory Write (8192 bytes per dot) TFTP to Flash Done. Sync secondary code in flash...Failed </pre> <p>Resolution: Fixed in Release 10.2.01d.</p> <p>After reloading the ServerIron and booting up with 10.2.01d code, it will sync the MP flash code from Active Management module to Standby Management module. Also, once the ServerIron is upgraded to the 10.2.01d release, you will not see this issue when upgrading to later releases.</p>	92862

Category	P	Description	Bug ID #
System	1	<p>Module: SI4G, SI4G-SSL & J-B2404CF</p> <p>Symptom: The command "gig-default auto-gig" is not working.</p> <p>Resolution: Fixed in Release 10.2.01d.</p>	83386
System	2	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: There is no message generated by a ServerIron related to hardware buffer-usage before it exhausts all the hardware buffers and stops processing traffic.</p> <p>Resolution: Added in Release 10.2.01d.</p> <p>Starting with this release, a user can now enable logging to generate a Syslog message that informs them that a configurable threshold value for hardware buffer-usage has been reached or exceeded.</p> <p><i>ServerIron(config)server set-hw-buf-usage-threshold <value></i></p> <p><value> can be configured within the range from 1 to 512</p> <p>Log messages will be displayed once every hour if buffer reaches or exceeds the threshold:</p> <p><i>00d20h05m50s:E:Detected hw buffer usage [100] beyond threshold [100]</i></p>	91209

Category	P	Description	Bug ID #
System	2	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: There are no commands to see the content of the hardware buffers in use. This would be helpful in certain cases where buffers are not being released.</p> <p>Resolution: Added in Release 10.2.01d.</p> <p>Starting with this release, two new commands have been added on the BP console to show the number of the hardware buffer in use and its stack information.</p> <p>ServerIron1/1#wsm show buf-in-use-summary</p> <p><i>Buffer num in use:</i></p> <p>319</p> <p>This is the buffer number in use and not number of buffers in use. To see number of buffers in use you can use the command "wsm show stat".</p> <p>ServerIron1/1# wsm show buf-in-use-detail</p> <p><i>Details for bram buffers in use:</i></p> <p><i>Contents: DDAF0F83 1410000A 18004090 20BF8006 020CDBB3 4D18B82A A6000001 08004500 002A47B9</i></p> <p><i>00108006 20BF9BB3 4DC79BB3 4D183160 1E77F462 86D0EA9D 78C50D57</i></p> <p><i>Contents: DDA8CF8F 02100000 07C00000 F02D002C DDAC0001 00400025 00370632 F5F0001D 00017773</i></p> <p><i>6D207368 6F772062 75662D69 6E2D7573 652D6465 7461696C 00000000</i></p> <p>This output shows the content of the buffer in use.</p>	91210
System	2	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: ServerIron may cause a system reset due to memory leak.</p> <p>Resolution: Fixed in Release 10.2.01d.</p>	92080
System	2	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: A ServerIron may cause a system reset when SSH is enabled and it receives a non-SYN TCP packet from certain clients without establishing a TCP session.</p> <p>Resolution: Fixed in Release 10.2.01d.</p>	91904

Category	P	Description	Bug ID #
System	2	Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL Symptom: Under heavy traffic, a ServerIron, while refreshing the ARP entry for the gateway, sends multiple ARP requests instead of a single request. Resolution: Fixed in Release 10.2.01d.	91770
System	3	Module: SI4G, SI4G-SSL & J-B2404CF Symptom: The flash copy operation fails when it is used by the command " wsm copy flash flash primary secondary ". Resolution: Fixed in Release 10.2.01d.	87487
TCS	1	Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL Symptom: A ServerIron configured with TCS and trunk load balancing, does not evenly distribute traffic going back to the clients from the cache servers across all of the trunk ports. Resolution: Fixed in Release 10.2.01d.	79857
TCS	1	Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL Symptom: A ServerIron configured with TCS with spoof support and trunk load balancing, does not evenly distribute traffic coming back from the Internet web servers to the cache server across all of the trunk ports. Resolution: Fixed in Release 10.2.01d.	87294
TCS	3	Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL Symptom: With the command " no server cache-stateful " configured, the ServerIron does not send client requests out to the internet when all the cache servers fail. Resolution: Fixed in Release 10.2.01d.	91936

Software Fixes in Patch Release 10.2.01c

Category	P	Description	Bug ID #
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Category	P	Description	Bug ID #
CLI	3	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: The reload command does not take effect and has to be entered twice before ServerIron reloads. This issue seems to be related to AAA configuration. When this command is issued via console connection it works fine. It is also seen only when issuing the command via SSH.</p> <p>Resolution: Fixed in Release 10.2.01c.</p>	80232
DPS	2	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: Deep packet scan does not work if any change is made to the csw-policy by deleting or adding a rule.</p> <p>Resolution: Fixed in Release 10.2.01c.</p>	90429
Health Check	1	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: During Layer 7 bring-up (using the command server no-fast-bringup) ServerIron does not interpret the HEX format correctly and sends health check packets with an ASCII value for each character.</p> <p>Resolution: Fixed in Release 10.2.01c.</p>	83673
L7 Switching	1	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: The server use-session-for-vip-mac command does not work for Layer 7 switching, if an HTTP request is split into two packets. ServerIron may forward the second packet directly to the server instead of forwarding to the upstream firewall or Router if the packet is received after the server-side connection is established. The command server use-session-for-vip-mac is used for the design topology wherein the forward and reverse traffic needs to be traversed twice through the SI</p> <p>Resolution: Fixed in Release 10.2.01c.</p>	86347
L7 Switching	1	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: With CSW, TCP SYN-PROXY and VIP RHI configured traffic to virtual server does not work.</p> <p>Resolution: Fixed in Release 10.2.01c.</p>	87769
L7 Switching	3	<p>Module: WSM6, WSM6-SSL, WSM7, SI4G & SI4G-SSL</p> <p>Symptom: ServerIron does not log messages for URL-Logging even though it is configured.</p> <p>Resolution: Fixed in Release 10.2.01c.</p>	88636

Category	P	Description	Bug ID #
L7 Switching	3	Module: WSM6, WSM6-SSL, WSM7, SI4G & SI4G-SSL Symptom: ServerIron accepts the command port ssl csw but the running configuration shows it as port ssl session-id-switching . Resolution: Fixed in Release 10.2.01c.	89772
L7 Switching	3	Module: WSM6, WSM6-SSL, WSM7, SI4G & SI4G-SSL Symptom: The number of maximum CSW Rules to be configured on ServerIron has been increased from 512 to 1024 . Also CSW Rules per csw-policy limit has been increased from 100 to 500 . Resolution: Fixed in Release 10.2.01c.	89865
PBSLB	2	Module: WSM6, WSM6-SSL, WSM7, SI4G & SI4G-SSL Symptom: A PBSLB downloading operation fails if it is performed immediately after copying flash images onto the SI. Resolution: Fixed in Release 10.2.01c.	86864
SLB	1	Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL Symptom: Remote servers configured with no-l3-check, SI forwards traffic to wrong gateway after a failover. Resolution: Fixed in Release 10.2.01c.	83036
SLB	1	Module: WSM6, WSM6-SSL & WSM7 Symptom: With the command server jc-enhanced-hash-type , ServerIron does not forward packets to right BP. Sometimes when the packets are received on a BP as per slot-based distribution and receiving BP needs to forward to another BP as per client-ip hash based distribution. One of the cases is when ServerIron does not have source-MAC learnt for these packets. Resolution: Fixed in Release 10.2.01c.	86853
SLB	1	Module: WSM6, WSM6-SSL, WSM7, SI4G & SI4G-SSL Symptom: With port translation and persist-hash configured ServerIron sends RESET to the client when it receives request from the client. Resolution: Fixed in Release 10.2.01c.	87378
SLB	2	Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL Symptom: ServerIron removes the command hc-track-group <port> <port> from the configuration on reload. Resolution: Fixed in Release 10.2.01c.	82789

Category	P	Description	Bug ID #
SLB	2	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: The “hc-track-port” function is not working. If a user is tracking two ports, let’s say port 80 and 443 under a real server, after disabling and enabling port 80 on the real server, port 80 works fine but client traffic to 443 does not work. Binding for both the ports shows as active.</p> <p>Resolution: Fixed in Release 10.2.01c.</p>	88604
SLB	3	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: A new command is added to rate limit the ARP packets from SI. It is a global config command, and the syntax is</p> <p>"server vip-arp-rate-limit <number>"</p> <p>The <number> can be any integer, the default is 0.</p> <p>Resolution: Fixed in Release 10.2.01c.</p>	87336
SNMP	2	<p>Module: WSM6, WSM6-SSL, WSM7, SI4G & SI4G-SSL</p> <p>Symptom: SNMP Set does not work for the following OIDs: snL4VirtualServerCfgAdminStatus and snL4RealServerCfgAdminStatus</p> <p>Resolution: Fixed in Release 10.2.01c.</p>	86693
SSL	1	<p>Module: WSM6-SSL, SRVC-SSL, SI4G-SSL</p> <p>Symptom: When the SI is reloaded with the command ‘ssl mode proxy’ in the global configuration then the physical interfaces do not come up.</p> <p>“show bp-status” shows all BPs as dead. “show wsm-state” shows in running state.</p> <p>Resolution: Fixed in Release 10.2.01c.</p>	89697
SSL	2	<p>Module: WSM6-SSL, SRVC-SSL, SI4G-SSL</p> <p>Symptom: With SSL-terminate, tcp-offload and stress traffic, ssl current connection counter does not get cleared even after all connections are closed and no new connections are received.</p> <p>Resolution: Fixed in Release 10.2.01c.</p>	77396
SSL	2	<p>Module: WSM6-SSL, SRVC-SSL, SI4G-SSL</p> <p>Symptom: With Dual WSM6-SSL module, Intermediate CA certificates are not synced to standby management modules.</p> <p>Resolution: Fixed in Release 10.2.01c.</p>	87941

Category	P	Description	Bug ID #
SSL	2	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: Added support with SSL client authentication so that ServerIron can send distinguished names to client during certificate based ssl client authentication.</p> <p>Resolution: Fixed in Release 10.2.01c.</p>	88823
SSL	3	<p>Module: WSM6-SSL, SRVC-SSL, SI4G-SSL</p> <p>Symptom: With “ssl-terminate” and “port ssl reset-on-port-fail” configured, ServerIron does not send TCP RST back when the client sends a non-SYN packet even though real server port is failed and the respective session is present.</p> <p>Resolution: Fixed in Release 10.2.01c.</p>	86117
System	0	<p>Module: WSM6-SSL</p> <p>Symptom: With Dual WSM6-SSL-2 modules, standby module does not take over when Active module fails and it logs error messages related to MP and BP code version mismatch and keeps crashing even though MP and BP on both modules has the correct codes.</p> <p>This issue is only applicable to WSM6-SSL modules.</p> <p>Resolution: Fixed in Release 10.2.01c.</p>	85181
System	2	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: In output from the “show sntp associations” command, some of the lines are not updated when SNTP servers go down.</p> <p>Resolution: Fixed in Release 10.2.01c.</p>	79091
TCA	1	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: Total content analysis rule is not working if there is a space in the content string.</p> <p>Resolution: Fixed in Release 10.2.01c.</p>	88017
TCA	1	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: With TCA enabled under virtual server, ServerIron drops data packets after a tcp connection is established.</p> <p>Resolution: Fixed in Release 10.2.01c.</p>	88644

Category	P	Description	Bug ID #
TCP SYN-PROXY	1	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: With TCP SYN-PROXY configuration, SI responds to pass-through TCP SYN packet even though the server security-on-vip-only command is configured. SI also does not change the source-mac address to its own MAC address when replying. This may cause a MAC reflection issue on the upstream, Layer 2 switch in a one-arm configuration.</p> <p>Resolution: Fixed in Release 10.2.01c.</p>	89670
TCP SYN-PROXY	1	<p>Module: WSM6, WSM7, WSM6-SSL, SI4G & SI4G-SSL</p> <p>Symptom: With a TCP syn-proxy configuration, SI doesn't change the source mac of the GET packet from the client to server if client sends GET request before server side connection is established. This may cause a MAC reflection in one-arm configuration.</p> <p>Resolution: Fixed in Release 10.2.01c.</p>	90182

Software Fixes in Patch Release 10.2.01b

Category	P	Description	Bug ID #
Application Firewall	1	<p>Module: WSM6-SSL, SRVC-SSL, SI4G, and SI4G-SSL</p> <p>Symptom: Web Application Firewall does not work on the ServerIron with SSL modules; ServerIron closes the TCP connection before sending DATA.</p> <p>Resolution: Fixed in Release 10.2.01b.</p>	84036
CLI	2	<p>Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL</p> <p>Symptom: Privilege level 4 commands in the startup config get changed to Privilege level 5 once ServerIron is booted with the code version 10.2.00 and later.</p> <p>Resolution: Fixed in Release 10.2.01b.</p>	86012
Compression	0	<p>Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL</p> <p>Symptom: ServerIron may corrupt packets while performing HTTP compression if the server sends data in chunks.</p> <p>Resolution: Fixed in Release 10.2.01b.</p>	84762

Category	P	Description	Bug ID #
L2 Switching	0	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: ServerIron does not reprogram Layer 2 CAM correctly for a disabled 10G port of the trunk when it is enabled again. This may cause high CPU condition on the MP, depending on the number of packets hitting the CAM entries. Resolution: Fixed in Release 10.2.01b.	86301
L7 Switching	1	Module: WSM6, WSM7 Symptom: With CSW enabled, memory allocation may cause buffer loss when ServerIron receives connections to VIP with multi-packet HTTP request. Resolution: Fixed in Release 10.2.01b.	85100
L7 Switching	1	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: ServerIron may perform system reset when a user tries to configure a cookie name that is longer than 103 bytes. Resolution: Fixed in Release 10.2.01b.	85661
L7 Switching	3	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: ServerIron does not allow you to configure case insensitive rules with a non case insensitive CSW-policy and nested rules with a CSW policy that is case insensitive. Resolution: Fixed in Release 10.2.01b.	86415
Security	1	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: With the Port Scan DDOS feature enabled, intermittent high latency may be observed when pinging a VIP IP address. Resolution: Fixed in Release 10.2.01b.	84677
Security	1	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: Default transaction rate-limit does not work for VIP traffic with UDP ports. Resolution: Fixed in Release 10.2.01b.	85332
Security	1	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: ServerIron does not log the Syslog message "L4 begin-hold-down" for UDP traffic even though the threshold value for UDP TRL is reached. Resolution: Fixed in Release 10.2.01b.	85571

Category	P	Description	Bug ID #
SLB	0	<p>Module: WSM6, WSM6-SSL, WSM7, B2x10G</p> <p>Symptom: ServerIron may not program Layer 4-7 CAM correctly if it is unable to read the FPGA flash version on the B2x10G module correctly. This will cause SLB to fail for some of the clients.</p> <p>This issue is only applicable to B2x10G module.</p> <p>Resolution: Fixed in Release 10.2.01b.</p>	86782
SLB	1	<p>Module: WSM6 & WSM7</p> <p>Symptom: ServerIron does not send TCP RESET when a client tries to connect to VIP port when the state of all the real server ports are FAILED and the Layer 3 state of at least one of the servers is ACTIVE.</p> <p>Resolution: Fixed in Release 10.2.01b.</p>	83196
SLB	1	<p>Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL</p> <p>Symptom: ServerIron does not use the source IP address defined locally on the real server while performing source NAT for UDP VIP traffic. It uses the other IP addresses defined in the global config.</p> <p>Resolution: Fixed in Release 10.2.01b.</p>	85545
SLB + Stateless	3	<p>Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL</p> <p>Symptom: The size of the SLB stateless has table cannot be changed.</p> <p>Resolution: Fixed in Release 10.2.01b.</p> <p>SLB stateless hash table size has been increased from 256 to 8192. You can use the following command to change the table size.</p> <pre>ServerIron# config term ServerIron(config)# server stateless-hash-table-size <value></pre> <p>Enter one of the following for <value>: 256, 512, 1024, 2048, 4096, or 8192.</p> <p>Default value is 256.</p>	85985

Category	P	Description	Bug ID #
SLB+ Hot Standby	2	<p>Module: SI4G & SI4G-SSL</p> <p>Symptom: In Hot Standby setup, ServerIron does not send "SnTrapL4BecomeActive" trap or syslog message when it changes its state from Standby to Active.</p> <p>This issue is only applicable to SI4G & SI4G-SSL.</p> <p>Resolution: Fixed in Release 10.2.01b.</p>	84357
SSH	1	<p>Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL</p> <p>Symptom: SSH does not work for the client whose public key is used from the flash where it is locally saved.</p> <p>Resolution: Fixed in Release 10.2.01b.</p>	85125
SSH	2	<p>Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL</p> <p>Symptom: The command ip ssh pub-key-file tftp <ip-address> <file-name> cannot be removed from the configuration via CLI.</p> <p>Resolution: Fixed in Release 10.2.01b.</p>	74027
SSL	1	<p>Module: WSM6-SSL, SRVC-SSL</p> <p>Symptom: With either SSL-Terminate or tcp-proxy mode, sequence numbers for consecutive TCP connections are generated in incremental order instead of random order.</p> <p>Resolution: Fixed in Release 10.2.01b.</p>	82909
SSL	1	<p>Module: WSM6-SSL, SRVC-SSL</p> <p>Symptom: The TCP transmit or receive window size cannot be changed.</p> <p>Resolution: Fixed in Release 10.2.01b.</p> <p>You can use the following new commands under TCP profile to customize the TCP transmit or receive window size. This is only applicable to client side socket.</p> <pre>ServerIron(config)#tcp profile tcp1 ServerIron (config-tcp-profile-tcp1)#txbuf-size <value> ServerIron (config-tcp-profile-tcp1)#rxbuf-size <value></pre>	85592

Category	P	Description	Bug ID #
System	1	<p>Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL.</p> <p>Symptom: ServerIron may perform a system reset at certain times when it receives IP packets of more than 1500 bytes.</p> <p>Resolution: Fixed in Release 10.2.01b.</p>	77046
System	2	<p>Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL</p> <p>Symptom: The following commands do not work on ServerIrons running codes with version 10.0.00 or later. The commands are entered under the privilege mode level</p> <pre>boot system flash primary boot system flash secondary</pre> <p>Resolution: Fixed in Release 10.2.01b.</p>	84707
System	3	<p>Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL</p> <p>Symptom: Copying WSM7 BP boot code does not work if the boot image file name in the command includes the complete path. It works fine if you enter only the file name without the directory.</p> <p>Resolution: Fixed in Release 10.2.01b.</p>	85141
System-SCP	2	<p>Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL</p> <p>Symptom: The parameters startconfig and runconfig in the SCP command are case sensitive. Therefore, if they are not entered with all lowercase letters, then uploading or downloading startup or running configuration files does not work.</p> <p>Resolution: Fixed in Release 10.2.01b. The parameters are now case insensitive.</p>	84532
Web GUI	2	<p>Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL</p> <p>Symptom: When using the Web GUI with RADIUS server authentication for superuser, you cannot see the Web pages. A blank screen is displayed.</p> <p>Resolution: Fixed in Release 10.2.01b.</p>	86274

Software Fixes in Patch Release 10.2.01a

Category	P	Description	Bug ID #
CLI	3	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: "Threshold" is misspelled as "theshold" in the CSW policy command http-compression cpu-high-theshold . Resolution: Fixed in Release 10.2.01a.	82509
Health checks	1	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: Layer 7 DNS health checks fails, if the DNS stateless no-hash and source-ip commands are configured. Resolution: Fixed in Release 10.2.01a.	75077
Hot/Standby	0	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: ServerIron performs a system reset when the command server backup-remain-standby command is issued on the active ServerIron. Resolution: Fixed in Release 10.2.01a.	83646
L7 Switching	0	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: BP may randomly perform a system reset with CSW+DPS configuration and the data received by ServerIron is out of sequence. Resolution: Fixed in Release 10.2.01a.	82941
L7 Switching	0	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: BP may randomly perform a system reset when URL switching is configured with keepalive. Resolution: Fixed in Release 10.2.01a.	83046
L7 switching	0	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: BP may crash randomly with TCS+URL switching configuration. Resolution: Fixed in Release 10.2.01a.	83415
L7 Switching	1	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: URL switching fails if the HTTP request spans into multiple packets and the last packet with HTTP header has a single letter as a value. Resolution: Fixed in Release 10.2.01a.	78664

Category	P	Description	Bug ID #
L7 Switching	1	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: Cookie switching fails if the HTTP Cookie header exists and is blank. Resolution: Fixed in Release 10.2.01a.	80163
L7 Switching	1	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: Memory leak is observed under heavy stress and failover happens in Hot Standby setups. Resolution: Fixed in Release 10.2.01a.	84381
L7 Switching	1	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: ServerIron performs an involuntary reset after a system reload if more than 1000 URL policies are configured. Resolution: Fixed in Release 10.2.01a.	84400
Routing	2	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: With routing code, tracing route to an orphan VIP results in a missing hop. ServerIron does not respond for the VRRP-E IP hop. Resolution: Fixed in Release 10.2.01a.	83040
Security	1	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: Port Scan Security filter is not working as ServerIron is matching against the total accumulated counter instead of the configured value. Resolution: Fixed in Release 10.2.01a.	71202
Security+Trunk	2	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: DDOS features are not acting on the traffic coming on the secondary port of the trunk. Resolution: Fixed in Release 10.2.01a.	81450
SIP	1	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: ServerIron continues to use UDP as the protocol for SIPs, even after removing UDP and adding TCP in the port profile for SIPs. Resolution: Fixed in Release 10.2.01a.	80649

Category	P	Description	Bug ID #
SLB	0	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: BP may randomly perform a system reset during the session age out process. Resolution: Fixed in Release 10.2.01a.	84157
SLB	1	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: ServerIron brings down a real server UDP port if the UDP health check fails and the server sends an ICMP unreachable message. Resolution: Fixed in Release 10.2.01a.	73266
SLB	1	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: If a client's MAC address ages out, ServerIron forwards the next SIP packet received by the server to be untranslated. Resolution: Fixed in Release 10.2.01a.	78087
SLB	1	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: In Hot standby configurations, ServerIron does not use the source IP configured under the real server configuration for Health checks and for SLB. Resolution: Fixed in Release 10.2.01a.	80480
SLB	1	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: The no server reset-message command was not working properly. ServerIron still sends a reset. Resolution: Fixed in Release 10.2.01a.	81224
SLB	1	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: ServerIron does not log error messages when the same alias port is bound to multiple VIPs. Resolution: Fixed in Release 10.2.01a.	81611
SLB	1	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: ServerIron ignores any routing tokens received when SLB is configured for the Windows Terminal Server. Resolution: Fixed in Release 10.2.01a.	82957

Category	P	Description	Bug ID #
SLB	1	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: In Hot Standby configurations, Session-sync for the UDP session is not working. Resolution: Fixed in Release 10.2.01a.	83082
SLB	1	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: SSL Session ID Switching is not working properly. ServerIron randomly drops the application data packet, causing connection failure. Resolution: Fixed in Release 10.2.01a.	83817
SLB	1	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: When Weighted Round-Robin predictor is configured, ServerIron resets all the VIP connections when the total connections reach a certain level. It works fine if the predictor is changed to Round Robin. Resolution: Fixed in Release 10.2.01a.	83859
SLB	1	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: ServerIron forwards traffic to an application port which is not bound to the VIP if Reverse NAT is configured. Resolution: Fixed in Release 10.2.01a.	83890
SLB	2	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: ServerIron continuously logs the "Unknown Port 1053 ka: rport!=DNS, recv dns msg from...." message on the console. Resolution: Fixed in Release 10.2.01a.	82948
SNMP	0	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: ServerIron performs a software reset when it tries to perform health checks on port 162 (SNMP Trap) to a real server which is also configured as an SNMP server. Resolution: Fixed in Release 10.2.01a.	84218
SSL	0	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: ServerIron randomly fails to generate SSL CSR. Resolution: Fixed in Release 10.2.01a.	82444

Category	P	Description	Bug ID #
SSL	1	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: PKCS12 certificate and keypair files produced in Windows cannot be specified as keypair files. Resolution: Fixed in Release 10.2.01a.	77207
SSL	1	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: ServerIron does not log an error message if you upload more than 256 certificates. Resolution: Fixed in Release 10.2.01a.	78297
SSL	1	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: VIP configured with SSL-terminate does not work if PBR is configured. Resolution: Fixed in Release 10.2.01a.	82442
SSL	1	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: The ServerIron-4G-SSL BP CPU takes about 10 minutes to boot up when a certain keypairs file and a certain certificates are installed. Resolution: Fixed in Release 10.2.01a.	83011
SSL	1	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: With SSL slave blade and SSL-term & Proxy configurations, some sessions are not freed up by the ServerIron. Thus the "available sessions" in the session table are reduced after heavy continuous SSL traffic. Resolution: Fixed in Release 10.2.01a.	83409
System	0	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: Using sFlow + SLB and with fragmented traffic results in IPC errors with random slot and BP numbers. Resolution: Fixed in Release 10.2.01a.	79774
System	0	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: ServerIron may randomly perform a system reset when a real server's IP address is changed via CLI. Resolution: Fixed in Release 10.2.01a.	82411

Category	P	Description	Bug ID #
System	0	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: Random Data Packet corruption has been seen in High Availability configurations. Resolution: Fixed in Release 10.2.01a.	83054
System	0	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: In dual management configuration, if the active management module fails, the standby management takes over but corrupts the startup configuration. BP performs a system reset if the current active management module boots with the corrupted startup configuration. Resolution: Fixed in Release 10.2.01a.	84035
System	1	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: Passthrough ICMP reply received from a real server is not forwarded to the right BP if the SAC bit is set in the Brocade Header. Resolution: Fixed in Release 10.2.01a.	83979
System	1	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: Issuing a write memory command makes the user Telnet session to hang for 20 seconds in dual management configurations. Resolution: Fixed in Release 10.2.01a.	84279
System	2	Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: Monitor ports cannot be configured for port mirroring on hot standby backup ServerIron. Resolution: Fixed in Release 10.2.01a.	82589
Trunks		Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL Symptom: In TCS+Trunk configurations, ServerIron does not perform proper traffic distribution on the trunk links for the traffic returns to the clients. Resolution: Fixed in Release 10.2.01a.	79857

Category	P	Description	Bug ID #
User	1	<p>Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL</p> <p>Symptom: If you delete the user name "admin" from the ServerIron configuration and reload the ServerIron, "admin" reappears with the default password as "foundry".</p> <p>Resolution: Fixed in Release 10.2.01a.</p>	83314
VRRP-E	1	<p>Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL</p> <p>Symptom: Any host other than the configured real servers cannot ping VRRP-E IP addresses. ServerIron performs NAT for this traffic and drops the packets.</p> <p>Resolution: Fixed in Release 10.2.01a.</p>	75744
Web GUI	2	<p>Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL</p> <p>Symptom: When accessing the ServerIron graphical user interface (GUI), the GET request from the client does not work if the HTTP GET request is too long.</p> <p>Resolution: Fixed in Release 10.2.01a.</p>	83698
Web GUI	2	<p>Module: WSM6, WSM6-SSL, WSM7, SI4G, and SI4G-SSL</p> <p>Symptom: When using the GUI, any new context can be defined only with a maximum length of 20 characters; however, you can enter up to 32 characters on the CLI.</p> <p>Resolution: Fixed in Release 10.2.01a.</p>	83787