

S3910 Series Switches FSOS Software Release Notes

Models: S3910-24TF; S3910-24TS; S3910-48TS; S3910-48TF

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Chapter 1 Version Information

1.1 FSOS_11.4 (1)B74T3 Basic Information

Version Number	FSOS_11.4 (1)B74T3
Applicable Products	S3910 series products
Version Type	pilot version
Release Date	2025-07
Baseline Version	FSOS_11.4 (1)B74T3
Reason of Release	FS fault temporary version released

Using the show version detail command to view the version number, example are as follows:

【3910TF Series】

```
FS#show ver detail
System description   : FS Campus Switch (S3910-24TF) By FS.COM Inc
System start time    : 2025-07-21 10:56:56
System uptime       : 2:17:02:53
System hardware version : 2.00
System software version : S3910_FSOS 11.4(1)B74T3
System patch number   : NA
System software number : M20050307182025
System serial number  : 1234942570030
System boot version   : 1.2.41.8c2079a(210604)
System core version   : 3.10.18.57a10cdf38bb8c
Module information:
Slot 0 : S3910-24TF
  Hardware version : 2.00
  Boot version     : 1.2.41
  Software version  : S3910_FSOS 11.4(1)B74T3
  Software number   : M20050307182025
  Serial number    : 1234942570030
```

【3910TS Series】

```
FS#show ver detail
System description   : FS Campus Switch (S3910-48TS) By FS.COM Inc
System start time    : 2025-07-21 17:16:51
System uptime       : 0:00:37:49
System hardware version : 1.00
System software version : S3910_FSOS 11.4(1)B74T3
System patch number   : NA
System software number : M19023007182025
System serial number  : 48GT418052101
System boot version   : 1.2.28.0c4a1bf(170209)
```

System core version : 3.10.18.57a10cdf38bb8c

Module information:

Slot 0 : S3910-48TS

Hardware version : 1.00

Boot version : 1.2.28

Software version : S3910_FSOS 11.4(1)B74T3

Software number : M19023007182025

Serial number : 48GT418052101

1.2 FSOS_11.4 (1)B74S10 Basic Information

Version Number	FSOS_11.4(1)B74S10
Applicable Products	S3910 series products
Version Type	pilot version
Release Date	2025-01-05
Baseline Version	FSOS 11.4(1)B74S9
Reason of Release	FS 24th edition specifications are complete and quality control is synchronized.

Using the show version detail command to view the version number, example are as follows:

【S3910TF Series】

FS#show ver detail

System description : FS Campus Switch (S3910-24TF) By FS.COM Inc

System start time : 2025-01-01 10:56:56

System uptime : 2:17:02:53

System hardware version : 2.00

System software version : S3910_FSOS 11.4(1)B74S10, Release(11242617)

System patch number : NA

System software number : M17132412262024

System serial number : 1234942570030

System boot version : 1.2.41.8c2079a(210604)

System core version : 3.10.18.57a10cdf38bb8c

Module information:

Slot 0 : S3910-24TF

Hardware version : 2.00

Boot version : 1.2.41

Software version : S3910_FSOS 11.4(1)B74S10, Release(11242617)

Software number : M17132412262024

Serial number : 1234942570030

【S3910T Series】

FS#show ver detail

```

System description   : FS Campus Switch (S3910-48TS) By FS.COM Inc
System start time    : 2025-01-03 17:16:51
System uptime        : 0:00:37:49
System hardware version : 1.00
System software version : S3910_FSOS 11.4(1)B74S10, Release(11242616)
System patch number   : NA
System software number : M16552012262024
System serial number   : 48GT418052101
System boot version    : 1.2.28.0c4a1bf(170209)
System core version    : 3.10.18.57a10cdf38bb8c
Module information:
Slot 0 : S3910-48TS
  Hardware version : 1.00
  Boot version      : 1.2.28
  Software version  : S3910_FSOS 11.4(1)B74S10, Release(11242616)
  Software number   : M16552012262024
  Serial number      : 48GT418052101

```

1.3 FSOS_11.4 (1)B74S9 Basic Information

Version Number	FSOS_11.4 (1)B74S9
Applicable Products	S3910 series products
Version Type	pilot version
Release Date	2023-12-25
Baseline Version	FSOS_11.4 (1)B74S9
Reason of Release	11.4 Iterative versions of the backbone to meet customers' new needs

Using the show version detail command to view the version number, example are as follows:

【3910TF Series】

```

System description   : FS Campus Switch (S3910-24TF) By FS.COM Inc
System start time    : 2023-12-15 06:58:04
System uptime        : 0:00:12:03
System hardware version : 1.00
System software version : S3910_FSOS 11.4(1)B74S9, Release(10241510)
System patch number   : NA
System software number : M10595512152023
System serial number   : MACC211221451
System boot version    : 1.2.30.7172482(170327)
System core version    : 3.10.18.6aed56ef38bb8c
Module information:
Slot 0 : S3910-24TF
  Hardware version : 1.00
  Boot version      : 1.2.30

```

Software version : S3910_FSOS 11.4(1)B74S9, Release(10241510)

Software number : M10595512152023

Serial number : MACC211221451

【3910TS Series】

System description : FS Campus Switch (S3910-24TS) By FS.COM Inc

System start time : 2023-12-15 06:59:31

System uptime : 0:00:11:10

System hardware version : 1.00

System software version : S3910_FSOS 11.4(1)B74S9, Release(10241511)

System patch number : NA

System software number : M11071712152023

System serial number : MACC942571137

System boot version : 1.2.28.0c4a1bf(170209)

System core version : 3.10.18.6aed56ef38bb8c Module information:

Slot 0 : S3910-24TS

Hardware version : 1.00

Boot version : 1.2.28

Software version : S3910_FSOS 11.4(1)B74S9, Release(10241511)

Software number : M11071712152023

Serial number : MACC942571137

1.4 FSOS_11.4(1)B74S8 Basic Information

Version Number	FSOS_11.4(1)B74S8
Applicable Products	S3910 series products
Version Type	pilot version
Release Date	2023-8
Baseline Version	FSOS 11.4(1)B74S8
Reason of Release	11.4 Iterative versions of the backbone to meet customers' new needs

Using the show version detail command to view the version number, example are as follows:

S3910-24TF

FS#show version detail

System description : FS Campus Switch (S3910-24TF) By FS.COM Inc

System start time : 2023-08-10 05:37:41

System uptime : 0:00:28:22

System hardware version : 2.00

System software version : S3910_FSOS 11.4(1)B74S8, Release(10200711)

System patch number : NA

System software number : M11260008072023

System serial number : MACC942571123

System boot version : 1.2.41.8c2079a(210604)

System core version : 3.10.18.f885dd2f38bb8c Module information:

Slot 0 : S3910-24TF

Hardware version : 2.00

Boot version : 1.2.41

Software version : S3910_FSOS 11.4(1)B74S8, Release(10200711)

Software number : M11260008072023

Serial number : MACC942571123

S3910-24TS

FS#show version detail

System description : FS Campus Switch (S3910-24TS) By FS.COM Inc

System start time : 2023-08-10 03:47:40

System uptime : 0:02:44:32

System hardware version : 1.00

System software version : S3910_FSOS 11.4(1)B74S8, Release(10200711)

System patch number : NA

System software number : M11051708072023

System serial number : 48GT418052101

System boot version : 1.2.28.0c4a1bf(170209)

System core version : 3.10.18.f885dd2f38bb8c Module information:

Slot 0 : S3910-24TS

Hardware version : 1.00

Boot version : 1.2.28

Software version : S3910_FSOS 11.4(1)B74S8, Release(10200711)

Software number : M11051708072023

Serial number : 48GT418052101

S3910-48TS

FS#show version detail

System description : FS Campus Switch (S3910-48TS) By FS.COM Inc

System start time : 2023-08-10 03:47:40

System uptime : 0:02:44:32

System hardware version : 1.00

System software version : S3910_FSOS 11.4(1)B74S8, Release(10200711)

System patch number : NA

System software number : M11051708072023

System serial number : 48GT418052101

System boot version : 1.2.28.0c4a1bf(170209)

System core version : 3.10.18.f885dd2f38bb8c Module information:

Slot 0 : S3910-48TS

Hardware version : 1.00

Boot version : 1.2.28

Software version : S3910_FSOS 11.4(1)B74S8, Release(10200711)

Software number : M11051708072023

Serial number : 48GT418052101

S3910-48TF

FS#show version detail

System description : FS Campus Switch (S3910-48TF) By FS.COM Inc

System start time : 2023-08-10 05:37:41

System uptime : 0:00:28:22

System hardware version : 2.00

System software version : S3910_FSOS 11.4(1)B74S8, Release(10200711)

System patch number : NA

System software number : M11260008072023

System serial number : MACC942571123

System boot version : 1.2.41.8c2079a(210604)

System core version : 3.10.18.f885dd2f38bb8c Module information:

Slot 0 : S3910-48TF

Hardware version : 2.00

Boot version : 1.2.41

Software version : S3910_FSOS 11.4(1)B74S8, Release(10200711)

Software number : M11260008072023

Serial number : MACC942571123

1.5 FSOS_11.4(1)B74S5 Basic Information

Version Number	FSOS_11.4(1)B74S5
Applicable Products	S3910 series products
Version Type	official version
Release Date	2023-1
Baseline Version	FSOS 11.4(1)B74S4
Reason of Release	Add WEB VSU function, Airware function, WIS adaptation and other customized functions

Using the show version detail command to view the version number, example are as follows:

S3910-24TF

FS#show version detail

System description : FS Campus Switch (S3910-24TF) By FS.COM Inc

System start time : 2023-01-06 10:34:01

System uptime : 3 :02:58:56

System hardware version : 2.00

System software version : S3910_FSOS 11.4(1)B74S5, Release(10130300)

System patch number : NA

System software number : M00395001032023

System serial number : G1PHB1X085977

System boot version : 1.2.41.8c2079a(210604)

System core version : 3.10.18.f885dd2827a56a Module information:

Slot 1 / 0 : S3910-24TF

Hardware version : 2.00

Boot version : 1.2.41

Software version : S3910_FSOS 11.4(1)B74S5, Release(10130300)

Software number : M00395001032023

Serial number : G1PHB1X085977

S3910-24TS

FS#show version detail

System description : FS Campus Switch (S3910-24TS) By FS.COM Inc

System start time : 2023-01-06 11:11:46

System uptime : 3 :02:21:37

System hardware version : 1.00

System software version : S3910_FSOS 11.4(1)B74S5, Release(10130221)

System patch number : NA

System software number : M21205101022023

System serial number : MACC103041755

System boot version : 1.2.28.0c4a1bf(170209)

System core version : 3.10.18.f885dd2827a56a Module information:

Slot 0 : S3910-24TS

Hardware version : 1.00

Boot version: 1.2.28

Software version : S3910_FSOS 11.4(1)B74S5, Release(10130221)

Software number : M21205101022023

Serial number : MACC103041755

S3910-48TS

FS#show version detail

System description : FS Campus Switch (S3910-48TS) By FS.COM Inc

System start time : 2023-01-06 11:11:46

System uptime : 3 :02:58:56

System hardware version : 1.00

System software version : S3910_FSOS 11.4(1)B74S5, Release(10130221)

System patch number : NA

System software number : M21205101022023

System serial number : MACC103041755

System boot version : 1.2.28.0c4a1bf(170209)

System core version : 3.10.18.f885dd2827a56a Module information:

Slot 0 : S3910-48TS

Hardware version : 2.00

Boot version : 1.2.28

Software version : S3910_FSOS 11.4(1)B74S5, Release(10130221)

Software number : M21205101022023

Serial number : MACC103041755

S3910-48TF

FS#show version detail

System description : FS Campus Switch (S3910-48TF) By FS.COM Inc

System start time : 2023-01-06 10:34:01

System uptime : 3 :02:58:56

System hardware version : 2 .00

System software version : S3910_FSOS 11.4(1)B7455, Release(10130300)

System patch number : NA

System software number : M00395001032023

System serial number : G1PHB1X085977

System boot version : 1.2.41.8c2079a(210604)

System core version : 3.10.18.f885dd2827a56a Module information:

Slot 0 : S3910-48TF

Hardware version : 1.00

Boot version : 1.2.41

Software version : S3910_FSOS 11.4(1)B7455, Release(10130300)

Software number : M00395001032023

Serial number : G1PHB1X085977

1.6 FSOS_11.4(1)B7454 Basic Information

Version Number	FSOS_11.4(1)B7454
Applicable Products	S3910 series products
Version Type	official version
Release Date	2022-3
Baseline Version	FSOS 11.4(1)B7453
Reason of Release	New and revised WEB functions

Using the show version detail command to view the version number, example are as follows:

S3910-24TF

FS#show version detail

System description : FS Campus Switch (S3910-24TF) By FS.COM Inc

System start time : 2022-03-27 05:40:39

System uptime : 0:00:18:23

System hardware version : 1.00

System software version : S3910_FSOS 11.4(1)B7454

System patch number : NA

System software number : M04125803212022

System serial number : MACC942571749

System boot version : 1.2.41.8c2079a(210604)

System core version : 3.10.18.7a8f15696be3e1

Module information:

Slot 0 : S3910-24TF

Hardware version : 1.00

Boot version : 1.2.41

Software version : S3910_FSOS 11.4(1)B74S4

Software number : M04125803212022

Serial number : MACC942571749

S3910-24TS

FS#show version detail

System description : FS Campus Switch (S3910-24TS) By FS.COM Inc

System start time : 2022-03-21 03:20:18

System uptime : 0:00:02:16

System hardware version : 1.00

System software version : S3910_FSOS 11.4(1)B74S4

System patch number : NA

System software number : M04385503212022

System serial number : 1234942570033

System boot version : 1.2.28.0c4a1bf(170209)

System core version : 3.10.18.7a8f15696be3e1

Module information:

Slot 0 : S3910-24TS

Hardware version : 1.00

Boot version : 1.2.28

Software version : S3910_FSOS 11.4(1)B74S4

Software number : M04385503212022

Serial number : 1234942570033

S3910-48TS

FS#show version detail

System description : FS Campus Switch (S3910-48TS) By FS.COM Inc

System start time : 2022-03-21 10:35:19

System uptime : 0:00:21:51

System hardware version : 1.00

System software version : S3910_FSOS 11.4(1)B74S4

System patch number : NA

System software number : M04385503212022

System serial number : MACC315991609

System boot version : 1.2.28.0c4a1bf(170209)

System core version : 3.10.18.7a8f15696be3e1

Module information:

Slot 0 : S3910-48TS

Hardware version : 1.00
 Boot version : 1.2.28
 Software version : S3910_FSOS 11.4(1)B74S4
 Software number : M04385503212022

1.7 FSOS_ 11.4(1)B74S3 Basic Information

Version Number	FSOS_ 11.4(1)B74S3
Applicable Products	S3910 series products
VersionType	official version
Release Date	2021-8
BaselineVersion	FSOS 11.4(1)B74S2
Reason ofRelease	New and revisedWEB functions

Using the show version detail command to view the version number, example are as follows:

```
S3910-24TF
FS#show version detail
System description : FS Campus Switch (S3910-24TF) By FS.COM Inc
System start time : 2021-07-21 19:20:37
System uptime : 0:00:04:10
System hardware version : 2.00
System software version : S3910_FSOS 11.4(1)B74S3
System patch number : NA
System software number : M17010207212021
System serial number : MACC988866630
System boot version : 1.2.28.0c4a1bf(170209)
System core version : 3.10.18.11d8eb1800b4ab Module information:
Slot 0 : S3910-24TF
  Hardware version : 2.00
  Boot version : 1.2.41
  Software version : S3910_FSOS 11.4(1)B74S3
  Software number : M17010207212021
  Serial number : MACC988866630
```

```
S3910-24TS
FS#show version detail
System description : FS Campus Switch (S3910-24TS) By FS.COM Inc
System start time : 2021-07-21 19:21:41
System uptime : 0:00:01:51
System hardware version : 1.00
System software version : S3910_FSOS 11.4(1)B74S3
System patch number : NA
System software number : M16590507212021
```

System serial number : 1234942570034
System boot version : 1.2.41.8c2079a(210604)
System core version : 3.10.18.11d8eb1358f5bc Module information:
Slot 0 : S3910-24TS
Hardware version : 1.00
Boot version : 1.2.41
Software version : S3910_FSOS 11.4(1)B74S3
Software number : M16590507212021
Serial number : 1234942570034

S3910-48TS
FS#show ver detail
System description : FS Campus Switch (S3910-48TS) By FS.COM Inc
System start time : 2021-07-21 19:33:13
System uptime : 0:00:02:40
System hardware version : 1.00
System software version : S3910_FSOS 11.4(1)B74S3
System patch number : NA
System software number : M16590507212021
System serial number : MACC315991609
System boot version : 1.2.41.8c2079a(210604)
System core version : 3.10.18.11d8eb1358f5bc Module information:
Slot 0 : S3910-48TS
Hardware version : 1.00
Boot version : 1.2.41
Software version : S3910_FSOS 11.4(1)B74S3
Software number : M16590507212021
Serial number : MACC315991609

Chapter 2 Problem Solved

2.1 FSOS_11.4(1)B74T3 Problem Solved

ID	summary
1	SNMP: Using private OIDs, VLAN walks are not continuous; however, all VLAN information can be retrieved via walk.
2	Layer 2/3 traffic forwarding: Normal operation.
3	MAB authentication: Username supports uppercase letters. After device or process restart, MAB authentication correctly handles uppercase functionality.
4	Version upgrade/downgrade: Upgrades and downgrades between new and old versions function normally.
	Web page fixes:
	● The web page correctly displays multiple VLANs configured via CLI.
5	● VLAN page supports batch addition and deletion correctly. ● Port page displays access, trunk, and hybrid ports correctly. ● Voice VLAN can be displayed and edited correctly.

2.2 FSOS_11.4 (1)B74S10 Problem Solved

ID	summary
1	The trap messages sent by OSPFv3 (and all other traps) have incorrectly concatenated OIDs for each member, causing the server to fail in parsing the corresponding names.
2	SNMP get-next-request enters an infinite loop.
3	ac_travers_th thread shows high CPU usage.
4	When the interface network type is configured as PTP and OSPF neighbors are established with other vendors, multiple interfaces receive the same LSA, send unicast ACKs, and discard non-multicast ACKs without processing. This triggers retransmissions and generates retransmission alarms.
5	TACACS core dump occurs.
6	Breakpoints appear when retrieving device information; sometimes values can be obtained, sometimes not.
7	SNMP trap notifications do not include table index numbers in OID nodes, resulting in alarm information failing to display the faulty port and its corresponding description.
8	Multiple AP-port outbound ACLs cannot be merged after a reboot.
9	During a manual reload, log DP-3-RESET_DEV is generated, but syslog may fail to record the file.

ID	summary
10	When an interface goes DOWN/UP, direct-link interfaces cannot ping IPv6 — caused by fast-forward route referencecountleaving stale adjacency entries.
11	Switch SNMP polling fails.
12	Automatic reboot occurs due to a kernel udpv6 sock defect.
13	ACLs with timerange rules show inconsistency between upper and lower layers after reordering.
14	Enabling BFD requires LLDP on the port to check CONFIG_APP_LLDP_USR or CONFIG_LLDP.
15	Misuse of cli_readline() functions in services; rectification and framework usage instructions/limitations needed.
16	Under accounting configuration, when a user logs in and times out, the second login causes abnormal CLI log output.
17	High CPU usage: ports with Spanning Tree root guard enabled still propagate TCs, causing frequent MAC table flushes.
18	During startup, entering console too early with small config results in no output for show running.
19	Commands typed show no echo/feedback.
20	TACACS coredump occurs.
21	Web authentication message queue counters lack lock protection, which may cause inaccurate counting and lead to failures in message sending, resulting in failed web authentication/redirect.
22	Occasional IP address acquisition anomalies: lightweight kernel device fails to properly sync ARP updates after VID change to fast-forwarding.
23	MGMT IPv6 default route not displayed.
24	After switch upgrade, LACP with third-party vendor (Arista) fails to come up and stays in susp state.
25	Product lacks debounce filtering for signal detection on rear expansion cards, causing detection of short Pre-signal disconnections.

2.3 FSOS_11.4(1)B74S9 Problem Solved

ID	summary
1	Cancel reload
2	CLI and web can simultaneously create multiple web management users with the same permissions as the admin user
3	Optimization of the web page for the hybrid port
4	Optimization of "show" command output
5	Add two nodes for configuring tagging for the hybrid port and untagging VLAN lists
6	IPv6 Custom Port Number
7	Enhance SHA2 encryption algorithm and other advanced encryption algorithms
8	Enabling 1X authentication under the aggregated port, when there is traffic on the terminal, the terminal still periodically goes offline without traffic
9	The AC RADIUS process in the large network is suspected of memory leakage
10	Enable HTTP AAA authentication configuration. Both local authentication mode and server authentication mode display the "local" field
11	After setting the device password repeat limit to 2, configuring the same password for the second time will not result in an error
12	DHCP relay fills in incorrect option 82 interface information
13	Configuring SSH will deploy version 1, causing SSH login failure



2.4 FSOS_11.4(1)B74S8 Problem Solved

ID	summary
1	Add button to configure SNTP server in Web DNS interface
2	The web can configure the NTP Server to other IP
3	AAA log printing ciphertext optimization
4	Optimization of port mirroring commands
5	SNMP command optimization

2.5 FSOS_11.4(1)B74S5 Problem Solved

ID	summary
1	VSU default management port
2	WIS adaptation
3	dot 1x supports radius 30 attribute(MAC address of NAC)
4	When the SSH client enables public key authentication and user password authentication at the same time, it cannot connect normally
5	Add command dhcp_force_no_route(support dhcp force not to send gateway)

2.6 FSOS_11.4(1)B74S4 Problem Solved

ID	summary
1	The AAA enable authentication authorization failed
2	Filtering Address Settings page continuously adds mac address entries, form content does not refresh
3	OUI page add OUI configuration window, Description input box without range prompt and illegal character check. Configure? character causes OUI form to display empty

2.7 FSOS_11.4(1)B74S3 Problem Solved

ID	summary
1	After the GT module is plugged into the device to perform the shutdown command, the no shutdown command cannot restore the UP state of the port
2	S3910-24TF Gigabit port and other equipment appear FS optical to electricity module does not emit light