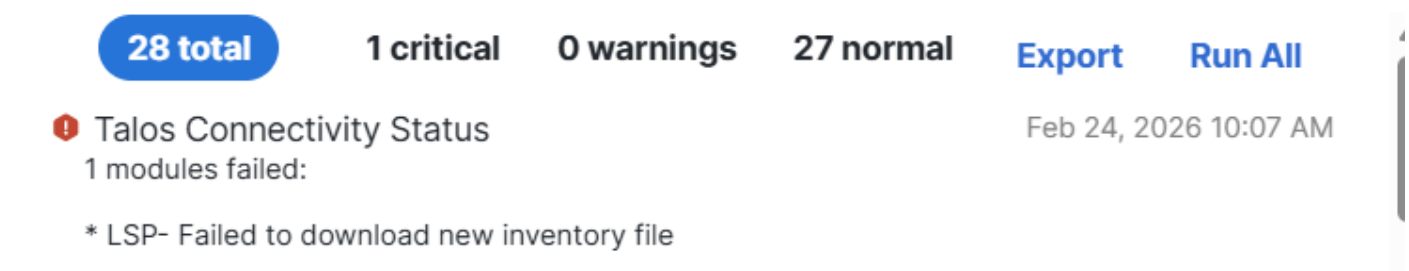


FMC Automatic LSP Updates "Failed to download new inventory"

Issue

Automatic Lightweight Security Package (LSP) updates are failing on Cisco FMC. LSP updates no longer install automatically.

Example Alert



28 total 1 critical 0 warnings 27 normal Export Run All

! Talos Connectivity Status Feb 24, 2026 10:07 AM

1 modules failed:

- * LSP- Failed to download new inventory file

inline_image_0.png

Environment

- Cisco Secure Firewall Firepower Management Center 7.6.x On-Prem (applicable to all FMC models and versions 7.6+)

Resolution

To resolve the automatic LSP update failure, verify that the required network connectivity is properly configured on the FMC and not being blocked by any firewall rules or NAT configurations.

1: Verify Current LSP Version Status

Check the current LSP version installed on the Firepower Threat Defense device:

show version

Example output showing the current LSP version:

-----[device]-----

Model : Cisco Secure Firewall 3140 Threat Defense (80) Version 7.6.2.1 (Build 3)

UUID : 5fb22700-68c8-11ee-b5a0-d2e6638aec56

LSP version : lsp-rel-20260121-2008

VDB version : 421

2: Verify Network Connectivity Requirements

Ensure that outbound access over port 80 is allowed on any upstream firewall or network security device for these destinations:

- **updates-dyn-talos.sco.cisco.com** - Required for LSP updates
- **updates.ironport.com** - Required for security content updates

These destinations are essential for the automatic update process to function properly. Any blocking of these connections will prevent updates from being applied.

Example Connection Test from FMC with Error

```
root@fmc:/Volume/home/user# curl -v -k http://updates.ironport.com
```

```
<h1>Web Page Blocked</h1>
```

```
<p>The web page you are trying to visit has been blocked in accordance with company policy. Please contact your administrator for more information.</p>
```

Example Error Logs from /var/log/sf/talos_agent.log

```
sf/talos_agent.log: TalosAgent:ERROR: updater.go: talosagent.cisco.com/pkg/updater.UpdateService:475 2026/02/24 10:00:00
```

```
sf/talos_agent.log: TalosAgent:ERROR: updater.go: talosagent.cisco.com/pkg/updater.UpdateService:475 2026/02/24 10:00:00
```

failed: connection error: Connection reset by peer (os error 104)

3: Verify Update Configuration

Confirm that automatic updates are properly configured in the Firewall Management Center for LSP updates. The fa specific connectivity can be blocked.

4: Test Connectivity

After confirming that the required destinations are accessible through any upstream security devices, monitor the aut

Example of Working Output

```
root@echo-ngfw-fmcv3:/Volume/home/admin# curl -v -k http://updates.ironport.com
```

```
* Trying 208.90.58.25:80...
```

```
* Connected to updates.ironport.com (208.90.58.25) port 80 (#0)
```

```
> GET / HTTP/1.1
```

```
> Host: updates.ironport.com
```

```
> User-Agent: curl/7.79.1
```

```
> Accept: */*
```

```
>
```

```
* Mark bundle as not supporting multiuse
```

```
< HTTP/1.1 200 OK
```

```
< Server: nginx/1.20.1
```

```
< Date: Mon, 16 Mar 2026 20:22:35 GMT
```

```
< Content-Type: text/html
```

< Content-Length: 689

< Last-Modified: Wed, 06 Sep 2006 17:26:12 GMT

< Connection: keep-alive

< ETag: "44ff04b4-2b1"

< Expires: Tue, 17 Mar 2026 20:22:35 GMT

< Cache-Control: max-age=86400

< Accept-Ranges: bytes

<

<HTML>

<!--

\$Header: /usr/local/cvsroot/godspeed/upgrade_server/http/html/root.html,v 1.1 2004/06/25 22:43:59 brie
-->

<HEAD>

</HEAD>

<BODY>

<IMG SRC="<http://ironport.com/media/logo.gif>">

<P>

This is the IronPort Update Server. If you are trying to download new traffic monitor, merlin, or WBRS packages, you have reached this page in error.

Please refer to the Update Manager Release Notes for instructions to download the new software.

</P>

<P>

If you have any questions, please feel free to contact IronPort Customer Care

at (877)641-4766 or support@ironport.com.

</P>

</BODY>

</HTML>

* Connection #0 to host updates.ironport.com left intact

Ensure that the device adheres to the necessary requirements for port and domain connectivity for other various updates.

- [Cisco Secure Firewall Management Center Administration Guide, 7.6: Security, Internet Access, and Communities](#)

Cause

The automatic LSP update failure is caused by blocked network connectivity to the required update servers. Specifically, updates.ironport.com and talos.sco.cisco.com is being restricted by upstream firewall rules or network security policies.

However, the issue can also be impacted by the ability of the FMC to download large files from the Cisco cloud site.

Related Content

- [Cisco Technical Support & Downloads](#)
- [Cisco Secure Firewall Management Center Administration Guide, 7.6: Security, Internet Access, and Communities](#)