

# FEX N2K-C2248TP-E-1GE no compatible con los routers de la serie N7K

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## Introducción

Este documento describe un problema encontrado cuando un Fabric Extender Gigabit Ethernet Nexus de Cisco serie 2000 (FEX N2K-C2248TP-E-1GE) no se conecta al router Nexus serie 7000 y proporciona una posible solución al problema.

## Prerequisites

### Requirements

Cisco recomienda que conozca la CLI del sistema operativo Cisco Nexus (NX-OS).

### Componentes Utilizados

La información que contiene este documento se basa en las siguientes versiones de software y hardware.

- Cualquier router Nexus serie 7000
- FEX N2K-C2248TP-E-1GE

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

## Problema

Un FEX N2K-C2248TP-E-1GE no se conecta al router Nexus serie 7000, y el estado del Fabric Extender (FEX) aparece como **Descarga de imágenes**:

```
N7K# show fex 100 detail
```

```
FEX: 100 Description: FEX100 state: Image Download
  FEX version: 5.1(3)N2(1b) [Switch version: 5.1(5)]
  FEX Interim version: 5.1(3)N2(1b)
  Switch Interim version: 5.1(5)
  Module Sw Gen: 21 [Switch Sw Gen: 21]
pinning-mode: static Max-links: 1
  Fabric port for control traffic: Eth2/29
  Fabric interface state:
    Po30 - Interface Up. State: Active
    Eth2/21 - Interface Up. State: Active
    Eth2/29 - Interface Up. State: Active
  Fex Port State Fabric Port Primary Fabric
```

Logs:

```
08/07/2013 13:01:06.88746: Module Offline
08/07/2013 13:01:06.100565: Deleting route to FEX
08/07/2013 13:01:06.105191: Module disconnected
08/07/2013 13:01:06.109943: Offlining Module
08/07/2013 13:01:40.190901: Module register received
08/07/2013 13:01:40.192222: Registration response sent
08/07/2013 13:01:40.192512: Requesting satellite to download image
08/07/2013 13:01:44.210316: Module register received
08/07/2013 13:01:44.211137: Registration response sent
08/07/2013 13:01:44.211344: Requesting satellite to download image
08/07/2013 13:01:50.230455: Module register received
08/07/2013 13:01:50.231267: Registration response sent
08/07/2013 13:01:50.231467: Requesting satellite to download image
08/07/2013 13:01:58.486741: Module register received
08/07/2013 13:01:58.487977: Registration response sent
08/07/2013 13:01:58.488188: Requesting satellite to download image
08/07/2013 13:02:08.731982: Module register received
08/07/2013 13:02:08.732792: Registration response sent
08/07/2013 13:02:08.732990: Requesting satellite to download image
08/07/2013 13:02:20.830203: Module register received
08/07/2013 13:02:20.831182: Registration response sent
08/07/2013 13:02:20.831383: Requesting satellite to download image
```

Si realiza un **debug fex**, también recibe estos errores:

Debug fex error: output

```
2013 Aug 6 18:04:22.931029 fex: Reg resp: Failed to get card info for swcardid 149
2013 Aug 6 18:04:27.000098 fex: Cardinfo: Unknown card id to get (149)
2013 Aug 6 18:04:27.000130 fex: Reg resp: Failed to get card info for swcardid 149
2013 Aug 6 18:04:33.275629 fex: Cardinfo: Unknown card id to get (149)
2013 Aug 6 18:04:33.275662 fex: Reg resp: Failed to get card info for swcardid 149
2013 Aug 6 18:04:41.550785 fex: Cardinfo: Unknown card id to get (149)
2013 Aug 6 18:04:41.550817 fex: Reg resp: Failed to get card info for swcardid 149
2013 Aug 6 18:04:51.794688 fex: Cardinfo: Unknown card id to get (149)
2013 Aug 6 18:04:51.794720 fex: Reg resp: Failed to get card info for swcardid 149
```

## Solución

El FEX N2K-2248TP-E no es compatible con los routers Nexus serie 7000 hasta la versión NX-OS 6.1(1). La solución para este problema es actualizar a NX-OS versión 6.1(1) o posterior.

Después de completar la actualización, los FEX estarán en línea.

La tercera tabla de la [hoja de datos de los Fabric Extenders Nexus de Cisco serie 2000](#) describe la versión mínima del código necesaria para el N2K-2248TP-E.