USB Network Native Driver for ESXi
version 1.13 — September 21, 2023

USB

USB DRIVER

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ESXi80U1-VMKUSB-NIC-FLING-64098092-component-21669994.zip

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Release Date: February 06, 2019

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CHANGELOG

Sep 21, 2023 - v1.13

- Added support for ESXi 8.0 Update 2
  ESXi80U2-VMKUSB-NIC-FLING-67561870-component-22416446.zip
  md5: bf62144b4e695c3d00cb614a4ecfb2c3

Note: This is ONLY for ESXi 8.0 Update 2, for other ESXi versions (including update releases), please ensure you are using the correct version of driver.

Apr 26, 2023 - v1.12

- Added support for ESXi 8.0 Update 1
- Added support for new DLINK RTL8156 device (0x2001:0xb301)

- Fixed 2.5GbE link speed issue for RTL8156 adapter
- Updated maximum supported USB Network devices to 12 and persists setting over module parameters
  ESXi800-VMKUSB-NIC-FLING-64098182-component-21668107.zip
  md5: 4a35899f77ce4635d0cfa76a7975504d

  ESXi80U1-VMKUSB-NIC-FLING-64098092-component-21669994.zip
  md5: 9c41b5f488ec5cee325207e16b047c10

Note 1: This is ONLY for ESXi 8.0 & 8.0 Update 1, for other ESXi versions (including update releases), please ensure you are using the correct version of driver.

Note 2: Known performance issue with RTL8156, TX up to 2.35Gbps while RX up to 2.15Gbps

Nov 23, 2022 - v1.11

- Added support for ESXi 8.0
  ESXi800-VMKUSB-NIC-FLING-61054763-component-20826251.zip
  md5: 55087041545d2500c1b22deb65107f22

Note: This is ONLY for ESXi 8.0, for other ESXi versions (including update releases), please ensure you are using the correct version of driver.

May 24, 2022 - v1.10

- Added support for ESXi 7.0 Update 3c and later
- Resolve a PSOD issue
  ESXi703-VMKUSB-NIC-FLING-55634242-component-19849370.zip
  md5: 2db2ab5341bd45487e322c7e3d8f7e30

Note: This is ONLY for ESXi 7.0 Update 3c & later, for other ESXi versions (including update releases), please ensure you are using the correct version of driver.

Nov 10, 2021 - v1.9

- Added support for ESXi 7.0 Update 3, 3a & 3b
- Added support for VID: 0x0b05/PID: 0x1976 and VID: 0x1A56/PID: 0x3100
- Resolve power management issue on xHCI
- Disable USB bus scanning (usbBusFullScanOnBootEnabled=0) by default, which prevents PSOD for customers using multiple USB NICs
  ESXi703-VMKUSB-NIC-FLING-51233328-component-18902399.zip
  md5: 067c7003cd00fcb861c3910cac430506

Note: This is ONLY for ESXi 7.0 Update 3, Update 3a & Update 3b, for other ESXi versions (including update releases), please ensure you are using the correct version of driver.

Jun 14, 2021 - v1.8

- Added support for ESXi 7.0 Update 2
- Disable USB bus scanning (usbBusFullScanOnBootEnabled=0) by default, which prevents PSOD for customers using multiple USB NICs

ESXi702-VMKUSB-NIC-FLING-47140841-component-18150468.zip

Note: This is ONLY for ESXi 7.0 Update 2, for other ESXi versions (including update releases), please ensure you are using the correct version of driver.

October 26, 2020 - v1.7

- Added support for ESXi 7.0 Update 1
- USB NIC Bindings are now automatically persistent
- 5GbE USB NICs now properly show Full vs Half Duplex
  ESXi701-VMKUSB-NIC-FLING-40599856-component-17078334.zip

Note 1: Customers using multiple USB NICs on a single host may observe PSOD during reboot. Please see the Instructions tab for workaround

Note 2: This is ONLY for ESXi 7.0 Update 1, for other ESXi versions (including update releases), please ensure you are using the correct version of driver.

Aug 24, 2020 - v1.6

- Add support for Aquantia and Trendnet AQC111U (0xe05a:0x20f4) (see Requirements page for more details)
- Add support for Realtek RTL8153 (0x045e:0x07c6) (see Requirements page for more details)
- Add support for Realtek RTL8156 (0x0bda:0x8156) (see Requirements page for more details)
- Support for persistent VMkernel to USB NIC MAC Address mappings (see Instructions tab for details)
- Simplified USB NIC persistency (see Instructions tab for details)
- Resolved link speed issue for RTL8153 chipsets
  ESXi700-VMKUSB-NIC-FLING-39035884-component-16770668.zip
  ESXi670-VMKUSB-NIC-FLING-39203948-offline_bundle-16780994.zip
  ESXi650-VMKUSB-NIC-FLING-39176435-offline_bundle-16775917.zip

Note 1: There are known issues when using Jumbo Frame 9K for RTL* chipset, this is still being investigated. For now, only up to 4K is supported.

Note 2: This will be the last release which will include support for ESXi 6.5

April 6, 2020 - v1.5

- Added support for ESXi 7.0
  ESXi700-VMKUSB-NIC-FLING-34491022-component-15873236.zip

Note: This is ONLY for ESXi 7.0, for ESXi 6.5/6.7, please ensure you are using the correct version of driver.

February 12, 2020 - v1.4

- Add SuperMicro/Insyde Software Corp USB Devices in the supported list
- Resolved invalid speed reporting for some quick devices by using the default speed

ESXi670-VMKUSB-NIC-FLING-33242987-offline_bundle-15615590.zip
ESXi650-VMKUSB-NIC-FLING-33268102-offline_bundle-15620342.zip

November 27, 2019 - v1.3

- Resolved USB device detection issue on Intel XHCI controller
- Resolved packet record issue for ASIX USB network adapters
  ESXi670-VMKUSB-NIC-FLING-30899283-offline_bundle-15188556.zip
  ESXi650-VMKUSB-NIC-FLING-30940032-offline_bundle-15188510.zip

September 27, 2019 - v1.2

- Added support for Aquantia Multi-Gig (1G/2.5G/5G) USB network adapter (see Requirements page for more details)
- Added support for Auto Speed/Connection detection for RTL8153/RTL8152 chipsets
  ESXi670-VMKUSB-NIC-FLING-28903484-offline_bundle-14722970.zip
  ESXi650-VMKUSB-NIC-FLING-28903792-offline_bundle-14722993.zip

June 17, 2019 - v1.1

- Added support for 9 additional USB NIC devices including USB 2.0 RTL8152 & TPLINK (see Requirements page for complete list)
- Added support for Jumbo Frames (up to 4K) for RTL8153 & AX88179
  ESXi670-VMKUSB-NIC-FLING-24524132-offline_bundle-13958648.zip
  ESXi650-VMKUSB-NIC-FLING-24599816-offline_bundle-13964320.zip

February 12, 2019 - v1.0

ESXi670-VMKUSB-NIC-FLING-20124247-offline_bundle-11613968
ESXi650-VMKUSB-NIC-FLING-20123976-offline_bundle-11613344

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