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OneCommand® Manager Application for Windows Release Notes

Version: 11.1.200.0-1

System: Windows Server 2016
Windows Server 2012, and Windows Server 2012 R2 (x64 versions, Enterprise, and Server Core installation)
Windows Server 2008 (x86 and x64)
Windows Server 2008 R2
Windows 10
Windows 8-x64 (Base version, Pro, and Enterprise; supported on only OCe1110x and OCe1400x NICs and CNAs). and Windows 8.1
Windows 7-x64 (Ultimate, Enterprise, or Professional edition; supported on only OneConnect OCe1110x and OCe1400x network interface card [NICs] and Converged Network Adapters [CNAs])

Date: October 14, 2016

Purpose and Contact Information

These release notes describe the new features, resolved issues, known issues, and technical tips associated with this OneCommand Manager application version for the Emulex® drivers for Windows. For the latest product documentation, go to www.broadcom.com. If you have questions or require additional information, contact an authorized Broadcom® technical support representative at ecd-tech.support@broadcom.com, 800-854-7112 (US/Canada toll free), +1 714-885-3402 (International), or +49 8941352 0244 (Europe, Middle East, and Africa; UK business hours only 8:30 a.m. to 5:00 p.m. UTC Monday through Friday).

New Features

- Adds support for Windows Server 2016.

Resolved Issues

1. When the **>hbacmd SetNetworkConfiguration MAC_ADDRESS VLAN_Enabled=0 DHCP=1** command is used to enable Dynamic Host Control Protocol (DHCP) on an Internet Small Computer System Interface (iSCSI) initiator, an incorrect error message is no longer displayed.

Known Issues

1. **The network interface card (NIC) driver must be installed and enabled on each port to run the OneCommand Manager application with OneConnect® adapters.**

    If the OneConnect adapter is running without the NIC driver installed and enabled, many of the management functions are unavailable, or the OneCommand Manager application displays erroneous information. Unavailable management functions include:

    - Downloading

- All diagnostics, including beaconing and diagnostic dumps
- Disabling or enabling a port
- Changing data center bridging (DCB) settings

Erroneous information includes:

- Fibre Channel over Ethernet (FCoE) storage ports are incorrectly grouped under the physical port
- NIC, FCoE, and iSCSI ports do not appear under the correct adapter
- Active and flash firmware versions
- Firmware status
- Basic input/output system (BIOS) version
- Boot code version
- Transceiver data display
- Physical port link status
- All DCB settings
- Event log display (OneCommand Manager command line interface [CLI] only)
- Adapter temperature
- Adapter configuration display

Workaround

Install and enable (on each port) the NIC driver before running the OneCommand Manager application or the OneCommand Manager CLI.

2. **When viewing or modifying the Preboot Execution Environment (PXE), FCoE, or iSCSI boot configurations on an OCe14000-series adapter, these settings are saved as legacy boot settings. The Unified Extensible Firmware Interface (UEFI) boot settings for PXE, FCoE, and iSCSI are stored separately and cannot be viewed or modified by the OneCommand Manager application. If both legacy and UEFI boot settings are configured, the boot order configured in the system BIOS determines which settings take precedence.**

Workaround

Configure either legacy boot settings or UEFI boot settings, but not both.

3. **Known Issues related to updating firmware.**

For OCe14000-series adapters, firmware version 11.x includes new features that require new flash regions to support them. Firmware versions earlier than 10.0.803.37 did not have the ability to configure the flash regions to support these new features.

If you are updating from a firmware version earlier than 10.0.803.37, use one of these methods to update the firmware to 11.x:

- Use the Offline Flash International Standards Organization (ISO) flash tool.
- Use the released 11.x version of the OneCommand Manager application graphical user interface (GUI) or OneCommand Manager CLI application. You must perform the firmware update procedure twice to ensure that the flash regions are properly configured, and you must reboot the system after each firmware update.

Note: After you have updated the firmware, you must not downgrade the firmware to a version earlier than 10.0.803.37.

4. **A reboot is required if you change the volatile World Wide Name (WWN) on an LPe16000-series adapter.**

   Workaround

   None.

5. **OneCommand Manager CLI commands might fail in Windows PowerShell.**

   OneCommand Manager CLI commands with parameters that contain embedded commas fail execution in Windows PowerShell. Examples of parameters that contain embedded commas are `SetAdapterPortConfig`, `CMSetBW`, `UmcSetBW`, and `SetDCBPriority`.

   Workaround

   Enclose embedded commas in quotation marks.

   For example, the following command:

   ```
   .\HbaCmd.exe cmsetbw 00-90-FA-30-39-06 25,100 25,100 25,100 25,100
   ```

   must be formatted as follows to successfully execute in Windows PowerShell:

   ```
   .\HbaCmd.exe cmsetbw 00-90-FA-30-39-06 "25,100" "25,100" "25,100" "25,100"
   ```

6. **For OCe14000–series 1 GB local area network (LAN) on Motherboard (LOMs), on the Physical Port Info tab, the Set Speed button might be inactive.**

   Workaround

   None.

7. **Configuration information might be displayed as zeros for an OCe14101 or OCe14102 adapter.**

   On an OCe14101 or OCe14102 adapter, disabling a NIC adapter might cause the configuration information on the **Active Adapter Configuration** window to display as zeros for the port's logical port VLAN ID (LPVID), Min bandwidth (BW), and Max BW. The Active Adapter Configuration window is accessed when you click **Details** on the **Adapter Configuration** tab.

   Workaround

   None.

8. **If a switch connected port speed is configured to Auto-negotiate and the adapter port speed is also configured to Autonegotiate (the default), the OneCommand Manager application GUI shows 8 Gb per second (Gb/s) as the port speed on the Port Information tab. If the speed of the adapter is changed without the OneCommand Manager application GUI, the port speed does not change on the Port Information tab.**

   Workaround

   When possible, use the OneCommand Manager application GUI to change the port speed of the adapter.

9. **On Windows 8.1 operating systems, attempting to use the Web Launch interface results in an error message (even if the firewall is disabled).**

   The following error message is displayed:

```
The OneCommand Manager Web Launch Utility is unable to communicate with
the Web Launch Server, possibly due to the presence of a firewall around
either the client or the server.
```

Workaround

Web Launch should only be run on server operating systems such as Windows Server 2012 R2.

10. **On Windows Server 2008 R2 systems, persistent bindings do not remain after a reboot.**

    Workaround

    Set the binding again.

11. **Enabling channel management at less than 10 Gb/s might cause the link to go down and channel management settings might not take effect.**

    Channel management can be enabled and configured for 10 Gb/s ports running at slower speeds. Channel management is only supported for OneConnect CNA ports running at speeds of at least 10 Gb/s.

    If a port's native speed is 10 Gb/s or higher, but the port is currently operating at a speed lower than 10 Gb/s, the OneCommand Manager application allows channel management to be enabled and configured. However, enabling channel management in this case might cause the link to go down and channel management settings might not take effect.

    Workaround

    Before enabling channel management, make sure the OneConnect CNA port's physical link is operating at 10 Gb/s or higher. If a 10 Gb/s link is not possible, do not enable channel management on that port.

12. **When you install the OneCommand Manager application on a guest operating system, the installer prompts for management mode.**

    When installing the OneCommand Manager application on a guest operating system running on a virtual machine, the installer prompts for a management mode (for example, local-only, full-management, read-only, etc.). However, when the OneCommand Manager application runs on a guest operating system, it runs in local-only and read-only modes, so it does not matter how these modes are specified during installation.

    Workaround

    None.

13. **All Fibre Channel (FC)/FCoE switches impose an upper limit on the number of virtual ports that can be configured.**

    An attempt to configure more than the maximum supported number of virtual ports might, with some switches, cause unpredictable behavior in the OneCommand Manager application.

    Workaround

    Do not attempt to exceed the maximum number of virtual ports supported by the switch.

14. **The OCe11101-E adapter cannot run loopback diagnostic tests (physical layer (PHY), media access control (MAC), External).**

    Attempting to run a loopback test on the OCe11101-E adapter fails.

Workaround

None.

15. **Performing a core dump command might fail if a WWPN is specified.**

When performing a core dump operation in the OneCommand Manager CLI and specifying an FC world wide port name to indicate which adapter to dump, the command fails if the adapter is in a down state.

Workaround

Always use the MAC address for one of the NIC ports on the adapter in the core dump command.

16. **On OCe11100-series adapters, if the Mode is set to Force and the Speed is set to 1 Gb/s, do not perform a MAC loopback test using the OneCommand Manager application.**

The Mode and Speed can be set from the Physical Port Info tab in the OneCommand Manager application or with the `SetPhyPortSpeed` OneCommand Manager CLI command. If you perform a MAC loopback test, the link does not come back up after the test is performed.

Workaround

None.

17. **Make sure that the OneCommand Manager application is not running if you enable or disable an Emulex device driver (NIC, iSCSI, FC, or FCoE) or manually update a driver using the Device Manager. If you perform any of these actions while the OneCommand Manager application is running, you might be forced to reboot your system.**

The view and management of these devices in the OneCommand Manager application is unpredictable after performing any operation that causes an Emulex device driver to be unloaded or loaded while the OneCommand Manager application is running.

Workaround

Exit the OneCommand Manager application and restart the application.

18. **If you enable Dynamic Host Configuration Protocol (DHCP) for iSCSI ports from the Modify TCP/IP Configuration dialog box under the Port Information tab and if virtual local area networking (VLAN) is already enabled, a Transmission Control Protocol over Internet Protocol (TCP/IP) address might not be obtained from the DHCP server (remaining 0.0.0.0).**

You might encounter this known issue if your DHCP Server is not VLAN-aware or is not configured for VLAN.

Workaround

Do one of the following:

- Use a DHCP Server that is VLAN-aware and properly configured.
- Do not enable VLAN with DHCP when the DHCP server does not support VLANs.

19. **Some management functions are unavailable through the Common Information Model (CIM) interface with the OneCommand Manager application kit.**

The following management functions are unavailable through the CIM interface with the OneCommand Manager application and OneCommand Manager CLI kits:

- Boot from storage are network (SAN)

- Get and clear event logs
- iSCSI management - Once the personality of an adapter is changed to iSCSI and rebooted, the OneCommand Manager application does not discover the iSCSI ports. Use the OneCommand Manager application for VMware to manage iSCSI functions on Emulex adapters installed on VMware hosts.
- Virtual NIC (vNIC) attributes: Enabled, name, Outer VLanID, Minimum Bandwidth, and Maximum Bandwidth

20. **When you manage a host using the common interface module (CIM) interface and you initiate a batch download process, all the adapters of the CIM-managed host are displayed because the required validation logic is not available in the CIM Provider.**

Workaround

Manually deselect the adapters you do not want included in the batch download before starting the download. If you start the download without deselecting the non-matching adapters, the firmware download is initiated and results in an error for non-matching adapters.

21. **Restriction for setting host driver parameters for a host with both CNAs and FC host bus adapters (HBAs).**

Windows driver parameters for CNAs (LP21000 and OneConnect) are stored under the elxcna registry key, and for FC HBAs, the parameters are stored under the elxstor registry key. The Windows driver acts on these two registry keys independently.

Workaround

A host that has both CNA and FC HBAs accesses both registry keys. On the OneCommand Manager application host **Driver Parameter** tab, there are two entries in the drop-down window for the installed driver: elxfc and elxcna. To set a host driver parameter, first select the driver type in the **Installed** driver window, and then set the parameters accordingly.

The list of driver parameters shown for host driver parameters only include those that are common for both CNA and FC HBAs.

22. **When you start the OneCommand Manager application on a Windows Server 2008 R2 or Windows Server 2012 R2 system, the popup message Publisher is unknown is displayed.**

This message indicates that the publisher is unknown and you are prompted to allow the program to make changes to the computer.

Workaround

Do one of the following:
- Click **Yes** on the pop-up message to run the OneCommand Manager application.
- Disable the pop-up by setting the User Account Control settings to **Never Notify**.
- Disable the pop-up by performing the following steps:
  a) Click **Start>Run**, type `secpol.msc`, and click **OK**.
  b) Double-click **Local Policies**.
  c) Double-click **Security Options.**
  d) Double-click **User Account Control: Behavior of the elevation prompt for administrators in Admin Approval Mode**.
  e) Select **Elevate without prompting**.

f) Click **OK**.

23. **The Microsoft iSCSI initiator name is used as OneConnect iSCSI initiator name.**

If you have enabled the Microsoft iSCSI initiator, the iSCSI initiator name set at system boot on the OneConnect adapter is the same as that of the Microsoft iSCSI initiator. If you change the iSCSI initiator name in the OneCommand Manager application, the change is lost on system reboot and the iSCSI initiator name reverts to that of the Microsoft iSCSI initiator.

Workaround

Stop and disable the Microsoft iSCSI initiator service. Replace the Microsoft iSCSI initiator name with the desired OneConnect iSCSI initiator name.

24. **iSCSI priority is not specified when VLAN and data center bridging exchange (DCBX) are disabled.**

For the iSCSI protocol, the iSCSI priority configured in the **DCB** tab is not set in the iSCSI packets sent out by the port when both VLAN and DCBX are disabled. VLAN is enabled or disabled from the OneCommand Manager application's iSCSI **Port Info** tab. DCBX is enabled or disabled from the **DCB** tab.

Workaround

None.

25. **The NIC Teaming and VLAN Manager and the OneCommand Manager application should not run simultaneously.**

Do not run the OneCommand Manager application while the NIC Teaming and VLAN Manager is running. Doing so might cause problems with the NIC Teaming and VLAN Manager's attempts to disable and re-enable the NIC drivers, leaving them in a disabled state. This can also cause problems with the manner in which properties are displayed in the OneCommand Manager application until it is restarted after exiting the NIC Teaming and VLAN Manager.

Workaround

None.

26. **Logged-in iSCSI targets retain login options through reboots.**

When an iSCSI target is discovered by adding a target portal, that target takes the target portal's login options. The target portal's login options are taken from the initiator login options. However, you can modify them when adding the target portal. If a target is discovered by Internet storage name service (iSNS), it gets its default login options from the initiator login options.

Once a target is discovered, its login properties are not changed when the initiator login options are changed. When you log into a target, the login properties used at the time of login are remembered. If you reboot, the logged in targets are logged in again with the remembered login options (initiator login options are not used).

When you remove the targets (and the target portal, if that is how they were discovered) and then cause the targets to be rediscovered, the target's login properties are defined once again by how they are discovered as described at the beginning of this known issue.

Workaround

None.

27. **Set link speed issue after small form-factor pluggable (SFP) hot swap.**

    The LPe16000-series adapter does not support SFP hot swap if the replacement SFP is not the same model as the original SFP.

28. **There are two issues that might occur with the OneCommand Manager application:**

    - The **Port Attributes** tab in OneCommand Manager application or the OneCommand Manager CLI `PortAttributes` command might display incorrect data for the Supported Link Speeds attribute. This issue is cosmetic.

    - Boot From SAN management might be unable to set the Boot Code Link Speed parameter to 16 Gb/s.

    Workaround

    After changing the SFP, reset the LPe16000 port or reboot the server.

29. **The Web Launch browser client must be run with administrator/root privileges.**

    When running the OneCommand Manager Web Launch GUI, you must have administrator privileges when logged in to the Web Launch client. On a Windows browser client, you must be logged in as the Administrator. Unusual behavior might occur if this requirement is not met.

    Workaround

    None.

30. **There is possible interference with the OneCommand Manager application's ability to permanently change the WWN of an FC/FCoE function.**

    Some newer adapters (such as CNAs) on some newer systems employ techniques in the BIOS code at boot time to configure the adapter, which might include the adapter WWN. In such cases, these techniques might interfere with the OneCommand Manager application's ability to make permanent (non-volatile) changes to the adapter WWN.

    Workaround

    None.

31. **Web Launch does not work with Java Runtime Environment 7.x (JRE 7.x) default setting.**

    When attempting to use Web Launch from the client using the JRE 7.x default setting, you might see the following error message:

    ```
    Your security settings have blocked a self-signed application from
    running
    ```

    Workaround

    Set the Java security setting to medium.

32. **If an adapter is disabled when attempting to save DCB settings, the DCB settings are not saved.**

    Workaround

    Ensure that adapters are enabled.

33. **When using an LPe16202 adapter on Windows Server 2012, after configuring persistent binding and rebooting the system, port 2 might go down.**

Workaround

None.

34. **On occasion, the peripheral component interconnect (PCI) registers might show all zeros when the PCI Registers tab is first opened immediately after a reboot.**

   Workaround

   Click on a different tab, then click back on the **PCI Registers** tab to refresh the screen.

35. **When using an Internet Explorer 11 browser, navigating to the Index or Search pages in the online help results in those pages being blank.**

   Workaround

   Click on **Contents** and refresh the browser, or load the help URL in a different browser.

36. **If you are using the OneCommand Manager application to update firmware from a previous version to version 11.x, you must first update the OneCommand Manager application to version 11.x.**

37. **The iPv6 Automatic Assignment on iSCSI functions cannot be enabled or disabled by the OneCommand Manager application GUI or the CLI.**

   Workaround

   Use Option ROM (OROM) or the Human Interface Infrastructure (HII) to set the Automatic Assignment.

38. **Windows Server 2008 and Windows Server 2008 R2 are supported, although new features are not supported on those operating systems. For documentation of features supported on those operating systems, see the *Emulex OneCommand Manager Application User Manual* available on the Broadcom website.**

39. **Enabling Single root I/O virtualization (SR-IOV) and then rebooting does not enable SR-IOV.**

   Workaround

   Refer to the most recent *Emulex Drivers for Windows User Manual* (available on the Broadcom website) for instructions on enabling SR-IOV.

40. **When an adapter is configured with iSCSI in pNIC mode and you log into an iSCSI target, if boot flag has been enabled for the target Logical unit numbers (LUNs), target logout is successful with UEFI but not with the OneCommand Manager application.**

   Workaround

   None.

41. **For OCe14000-series adapters, on the Adapter Configuration tab, the third function does not allow the selection of any storage protocol.**

   For example:

   On the **Adapter configuration** tab with the **Custom** button selected, if you select **FCoE** from the list of the second function, the third function does not display other protocols (such as iSCSI) in the list.

Workaround

a) Switch the protocols from **FCoE** to **iSCSI** for the second function. The third function now displays **FCoE**.

b) Switch back to the original option for the second function (**FCoE**). This action now displays **iSCSI** for the third function.

This workaround can be repeated for the remaining ports if needed.

42. **LUNs are not displayed when the target connection is refreshed after port flap.**

Workaround

Restart the OneCommand Manager application.

43. **The Echo test is not supported on OCe14000-series and OCe11100-series FCoE adapters.**

Workaround

None.

44. **The OneInstall kit upgrade fails if the One Command Manager application is open and running.**

Workaround

Close the One Command Manager application before starting the upgrade.

45. **The batch download feature of the OneCommand Manager only displays one application specific integrated circuit (ASIC) of a dual-ASIC LPe16000-series FC adapter as a batch download candidate. The second ASIC on that adapter is not displayed.**

Workaround

Perform the firmware download for the second ASIC using the standard (non-batch) firmware download feature, which is available on the **Maintenance** tab.

46. **If the CLI (HBACMD) is used to perform a firmware download to a local adapter, and the OneCommand Manager GUI is up and running while that firmware download is taking place, then the OneCommand Manager GUI might experience problems displaying information on various display tabs after the download completes. The value displayed for most of the fields on the affected tabs or dialogs will be "N/A".**

Workaround

Do one of the following:

• When a firmware download has been performed by using HBACMD, if "N/A" is shown for most of the OneCommand Manager GUI display fields, exit the GUI, then restart it. The fields are displayed correctly after doing this.

• Ensure that the OneCommand Manager GUI is stopped or is not running prior to performing a firmware download using HBACMD.

• Perform the firmware download using the OneCommand Manager GUI instead of HBACMD.

Technical Tips

1. **OCe14000-series adapters running Windows Server 2012 and Windows Server 2012 R2 support Virtual Ethernet Port Aggregator (VEPA) mode of operation by enabling VEPA at a port level through the OneCommand Manager application. You must also enable VEPA on the switch. See the documentation that accompanied the switch for more information.**

   When VEPA is enabled, all virtual function (VF)-to-VF traffic is transmitted to the external switch to be reflected back. VF-to-VF fails if the external switch is not configured for VEPA. virtual Ethernet bridging (VEB) is not used on OCe14000-series adapters when VEPA is enabled. While in VEPA mode, the adapter ensures that traffic is not returned to the originating VF. If an external port undergoes a link-down, all VFs see a link down condition and traffic stops.

2. **Requirement if DCB settings are connected to a non-DCBX switch.**

   If DCB settings are required when connected to a non-DCBX switch (or switch with DCBX disabled), DCBX must be disabled on the OneConnect adapter to use the adapter's configured parameters. If DCBX is enabled, the DCB priority flow control (PFC) and Priority Groups are ignored (the adapter assumes that the switch does not support these parameters) and, for FCoE adapters, the FCoE priority (COS) is 3.

3. **The OneCommand Manager application Firmware tab is at different locations for 8 Gb and lower Fibre Channel adapters, than for 16 gigabit Fibre Channel (GFC) and 10 GFC adapters.**

   Because the 16 GFC and 10 GFC adapters share a single firmware image for all ports on the adapter, the Firmware tab for 16 GFC and 10 GFC adapters is at the adapter level. Because 8 GFC and lower adapters have a separate firmware image for each individual port, the Firmware tab for 8 GFC and lower adapters is at the port level.

4. **FC in-band management is no longer supported.**

5. **The OneCommand Manager application no longer installs OneCommand Vision components.**

6. **The OneCommand Manager CLI `UmcEnableChanLink` command has been removed.**

   To enable the logical link status of a channel, use the `CMSetBW` command to set the minimum bandwidth to a value greater than 0. To disable the logical link status, set the minimum bandwidth to 0.

7. **Start a command shell with the Run As Administrator option for OneCommand Manager CLI (hbacmd) commands and batch files, if you are running one of these operating systems with User Account Control (UAC) enabled:**
   - Windows Server 2008
   - Windows Server 2008 R2
   - Windows Server 2012
   - Windows Server 2012 R2
   - Windows Server 2016
   - Windows 7
   - Windows 8

- Windows 8.1

If you do not start the command shell with the Run as Administrator option, Windows shows a dialog box that prompts you to allow UAC. After you agree to allow UAC, the output from a command is displayed in a separate window, but disappears immediately.

8. **Roles-based Secure Management mode is available.**

Secure Management mode is a management mode available with this release. It is a roles-based security implementation. During the OneCommand Manager application installation, you are asked if you want to run in Secure Management mode. When the OneCommand Manager application is installed in this mode, the following operational changes occur:

- A non-root or non-administrator user can run the OneCommand Manager application.
- The OneCommand Manager application host uses a user's credentials for authentication.
- A user has OneCommand Manager application configuration privileges according to the OneCommand Manager application group to which the user is assigned.
- In Secure Management mode, a root or administrator user is provided full privileges on the local machine (OneCommand Manager CLI does not require credentials) but no remote privileges.

Note: Refer to the *OneCommand Manager Application User Manual* for more information on Secure Management mode.

9. **On OneConnect adapters, if you change the port speed using the Change Port Speed dialog box, and the selected speed is supported by the adapter's port but is not supported by the connected hardware, the link does not come up.**

10. **OneCommand Manager Secure Management mode requires OneCommand Manager user groups to be configured on the domain or, if the host is not running in a domain, on the host machine.**

OneCommand Manager Secure Management must be able to get the OneCommand Manager application group to which the user belongs from the host's domain (Active Directory or Lightweight Directory Access Protocol [LDAP]) or if the host is not part of a domain, the host's local user accounts. This access is associated with the user groups, not with specific users. An administrator needs to create these user groups and then set up user accounts such that a user belongs to one of the four OneCommand Manager application user groups listed in Table 1 on page 12. These four OneCommand Manager application groups must be created and configured on the host machine or domain.

Table 1 Secure Management User Privileges

User Group	OneCommand Manager Capability
ocmadmin	Allows full active management of local and remote adapters.
ocmlocaladmin	Permits full active management of local adapters only.
ocmuser	Permits read-only access of local and remote adapters.
ocmlocaluser	Permits read-only access of local adapters.

11. **To view online help using the Google Chrome browser, you must disable Chrome's security check using the `--allow-file-access-from-files` option.**

a) Create a copy of the Chrome shortcut on the desktop and rename it to RH Chrome Local (or something similar).

b) Right-click the new **Chrome** icon and choose **Properties**.

c) Add the `--allow-file-access-from-files` text to the end of the path appearing in Target. You must leave a space between the original string and the tag you are adding to the end.

d) Click **OK** to save your settings.

e) Close any open instances of Chrome.

f) To open a local copy of the online help, use the new shortcut to open Chrome, and then press **Ctrl + Open** and browse to the start page; or open Chrome with the new shortcut; and then right-click the start page and click **Open With > Google Chrome**.

12. **The OneCommand Manager application supports a maximum of 16 ASICs for OneConnect adapters. Most OneConnect adapters have a single ASIC, so a maximum of 16 adapters can be seen and managed by the OneCommand Manager application. There are some OneConnect adapter models that have two ASICs. When all the adapters have two ASICS, a maximum of eight adapters can be seen and managed by the OneCommand Manager application.**

13. **Changing a NIC driver property might make the OneCommand Manager application unavailable.**

   If you change NIC driver properties (such as packet size) using the Windows Driver Properties applet while the OneCommand Manager application is running, the OneCommand Manager application might not be able to manage OneConnect adapters. As a result, most data fields show **N/A**, adapter settings are not be configurable, and firmware download is not available.

   Workaround

   Exit and restart the OneCommand Manager application.