



**Software Version:** 2.0.2.0  
**Published:** Nov. 7, 2014

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This document describes the new features, resolved issues, known issues and workarounds for DNA (D-Link Network Assistance). DNA is a program that allows administrators to quickly discover all D-Link smart switches and DDP (D-Link Discover Protocol) supported devices that are in the same subnet as the DNA. It also collects traps and log messages, and provides quick access to basic configuration of the switch. This tool is only for computers running 32/64-bit Windows platform.

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### Table of Content

Revision History .....	2
System Requirement .....	2
New Features .....	2
Resolved Issues .....	3
Known Issues .....	3
Related Documentation .....	4

## Revision History

Version	Release Date	Description
2.0.2.0	2014/11/07	Bug fixes
2.0.1.9	2014/08/22	Bug fixes
2.0.1.5	2013/12/25	Bug fixes
2.0.0.9	2013/11/17	Support DDP v0.25 Support legacy smart switches
1.0.0.5	2011/07/30	First Release

## System Requirement

Version	Description
<b>CPU</b>	1GHz or above
<b>Memory</b>	512MB or above
<b>Disk Space</b>	100MB or above
<b>Supported Operating System</b>	<ul style="list-style-type: none"> <li>● Microsoft Windows 8</li> <li>● Microsoft Windows 7</li> <li>● Microsoft Windows Vi</li> <li>● Microsoft Windows XP</li> </ul>
<b>Prerequisite Software</b>	<ul style="list-style-type: none"> <li>● Microsoft .NET Framework 3.5</li> </ul>

## New Features

Version	New Features
2.0.2.0	NA
2.0.1.9	NA
2.0.1.5	NA
2.0.0.9	<ol style="list-style-type: none"> <li>1. Supported online upgrade</li> <li>2. Added manually refresh feature</li> <li>3. Marked the input box of user password as *</li> <li>4. Supported progress percentage in "Firmware Upgrade" and "Configuration Backup /Upgrade"</li> <li>5. Supported discovery of smart switch under loader mode</li> <li>6. Added BootP settings support under "Device Settings"</li> <li>7. The DNA utility adds the function of change administrator's ID and password</li> <li>8. Added "Video Server" device type in "ASV"</li> <li>9. Added save path settings in "Backup or Restore"</li> </ol>
1.0.0.5	First Release

## Resolved Issues

Version	Problems Fixed
2.0.2.0	<ol style="list-style-type: none"> <li>DNA "Time Settings" cannot be displayed correctly when the PC uses the Chinese calendar as the system time.</li> <li>The "Inventory List" file exported from DNA will be garbled on traditional Chinese OS.</li> </ol>
2.0.1.9	<ol style="list-style-type: none"> <li>DNA will crash when upgrade firmware for DGS-1510</li> <li>DNA will crash when received wrong format DDP packets</li> <li>Modified the alert information on "Firmware Upgrade"</li> <li>DNA will show failed result when the device response success though it failed to access the TFTP server <a href="#">[DUSA20140321000001]</a></li> <li>DNA cannot show correct percentage in "Firmware Upgrade" when file size is over 65535*512 bytes</li> <li>DNA cannot use correct file in "Firmware Upgrade" when there are two files with the same name</li> <li>DNA cannot show devices time in "Time Setting" when DNA can only receive partially device time information</li> </ol>
2.0.1.5	<ol style="list-style-type: none"> <li>DNA will crash when disconnect the cable of installed PC</li> <li>DNA will crash under Win7</li> <li>DNA cannot issue "DDP Information" and "Query Supported Optional Functions" request packet when installed PC only has IPV6 address</li> <li>DNA cannot identify IPV6 devices in "Firmware Upgrade"</li> <li>DNA does not have IPV6 address validation in "Time Settings"</li> <li>DNA cannot display the correct file name for backup configuration files for IPV6 devices under "Backup or Restore"</li> <li>CPU utilization of installed PC will keep high under some circumstance</li> </ol>
2.0.0.9	<ol style="list-style-type: none"> <li>Change priority settings default value to 5 under "ASV"</li> <li>Surveillance VLAN Priority modified to "Highest-&gt;Priority 6, High-&gt;Priority 4, Medium-&gt;Priority 2, and Low -&gt; Priority 1 in [Advanced -&gt; ASV -&gt; ASV</li> <li>DNA cannot work correctly when installed PC has multiple network interface card</li> <li>DNA will crash under "Firmware Upgrade" and "Backup or Restore" in Windows 8</li> </ol>
1.0.0.5	First Release

## Known Issues

Version	Issues	Work Around
2.0.2.0	NA	NA
2.0.1.9	<ol style="list-style-type: none"> <li>The "Inventory List" file exported from DNA is garbled on traditional Chinese OS</li> <li>Due to architecture changed, it cannot support upgrade from v.2.0.0.6 or older version</li> </ol>	<ol style="list-style-type: none"> <li>It needs to use GB to decode the exported file</li> <li>It needs to uninstall DNA before they install new version</li> </ol>
2.0.1.5	<ol style="list-style-type: none"> <li>Due to architecture changed, it cannot support upgrade from v.2.0.0.6 or older version</li> </ol>	<ol style="list-style-type: none"> <li>It needs to uninstall DNA before they install new version</li> </ol>
2.0.0.9	<ol style="list-style-type: none"> <li>Due to architecture changed, it cannot support upgrade from v.2.0.0.6 or older version</li> </ol>	<ol style="list-style-type: none"> <li>It needs to uninstall DNA before they install new version</li> </ol>
1.0.0.5	NA	NA

## **Related Documentation**

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- Firmware Upgrade Assistance User Guide v1.20