# Step-By-Step Guide: Install D-View 6.0 Standard / Professional version and Perform Network Administration Operation in a Test Lab

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This document supports a beta release of D-Link NMS software, D-View 6.0, which may be changed substantially prior to final commercial release, and is the confidential and proprietary information of D-Link Corporation.

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### Hardware and Software Requirements for D-View 6.0 Beta 2

### Hardware requirements for Standard and Professional version

- CPU: 1.4GHz or above
- DRAM: 1G or above
- Hard drive available space: 200 MB
- Ethernet adapter
- Several network endpoints for the test lab. Below are the support list of network endpoints in D-View 6.0 Modules Beta 2:

> D-Link Switch:

DES-3526, DES-3550, DES-3828, DES-3828DC, DES-3828P, DGS-3324SR, DGS-3426, DGS-3427, DGS-3450, DGS-3612G, DGS-3627, DGS-3627G, DGS-3650, DXS-3326GSR, DXS-3350SR

➤D-Link Wireless AP:

DWL-2100 AP, DWL-3200 AP, DWL-8200 AP

### Software requirements:

The following are required software components on the D-View management workstation:

#### For D-View 6.0 Standard version

- Operating System (OS):
  - Microsoft Windows 2000 Professional or Server English Version with Service Pack 4, or
  - Microsoft Windows XP with Service Pack 2
- Microsoft Internet Explorer 6 with Service Pack 1 or latter
- Microsoft XML Parser and SDK

#### For D-View 6.0 Professional version

- Operating System (OS):
  - Microsoft Windows 2000 Server or Advanced Server English Version with Service Pack 4 or
  - Microsoft Windows Server 2003 with Service Pack 2

- Database Management System (DBMS):
  - Microsoft SQL Server 2000 English Version with Service Pack 3
- Microsoft Internet Explorer 6 with Service Pack 1 or latter
- Microsoft XML Parser and SDK

#### Note:

- (1) The main difference between Standard and Professional version is Professional version allows to be implemented as client-server architecture for remote login and multiple user access via network.
- (2) For better UI display, it is recommended to configure the screen resolution on the management workstation at 1024 x 768.

### File List for D-View 6.0 Beta 2 Installation

#### For D-View 6.0 Standard version

• D-View 6.0 Beta 2 installation package (D-View (Access).exe)

#### For D-View 6.0 Professional version

- D-View 6.0 Beta 2 installation package (D-View (SQL).exe)
- D-View 6.0 database creation tool for Microsoft SQL Server 2000, including MakeDB.exe, Task.SQL and DBCreate.SQL within the folder "MakeDB" in this zip file.

### Steps for Installing D-View 6.0 Beta 2

### For D-View 6.0 Standard version

Perform D-View 6.0 Beta 2 installation by running **D-View (Access).exe** on your designated management workstation.

#### For D-View 6.0 Professional version

Before you start, please confirm the environment on your designated workstation compliant with the software requirements.

- Ensure the authentication mode on MS SQL 2000 as Mixed Mode (SQL Server and Windows). The configuration can be modified via Enterprise Manager, click Microsoft SQL Servers > SQL Server Group > (Local) (Windows NT), right-click on "(Local) (Windows NT)", select "Security" tab, and configure Authentication as "SQL Server and Windows".
- 2. Perform D-View 6.0 Beta 2 installation by running **D-View (SQL).exe** on your designated management workstation.
- After D-View 6.0 Beta 2 installation completed, please copy the folder "MakeDB", which includes the three files (MakeDB.exe / Task.SQL / DBCreate.SQL) to the default installation folder of D-View 6.0 Beta 2 (e.g. C:\Program Files\D-Link\D-View), then run "MakeDB.exe" on your designated management workstation for D-view NMS database creation.

4. Append the information as the example below in the "**hosts**" file. You may find the file in **C:\WINNT\system32\drivers\etc\hosts**. Below is the example:

Assume that the host name and IP information of your management workstation is "**dview-test**" and "**10.90.90.101**". Please append the 2<sup>nd</sup> and 3<sup>rd</sup> line into the list, and save the file.

127.0.0.1	localhost
10.90.90.101	dview-test
10.90.90.101	SQL-Server

- **Note:** Please append the IP information in the "hosts" file according to your management workstation IP.
- 5. Restart your management workstation to comprehend the installation.

### Launch D-View 6.0 with Activation Wizard

Launch **D-View** via double clicking the D-View icon on your desktop. At the very first time the user runs D-View 6.0, the Activation Wizard will be launched to guide the user complete the activation procedure. Without the license activation, by default D-View 6.0 is 30-Day Trial version. Please follow the guidance of Activation Wizard to complete the procedure or click "**Skip**" to enter the 30-Day Trial mode.

D-View 6.0 Activation Wizard					
D-View <sup>™</sup> Version 6.0	Welcome to the D-View 6.0 activation wizard				
	Thank you for choosing D-Link D-View 6.0 network management system. The wizard will guide you to finish the product activation.				
	Please click "Next" to obtain the activation key with the license key you purchased. If you do not have the activation key, the software will be activated as a trial version for this software that will expire in 30 days if not activated.				
D-Link	Next Skip				

Input Activation K	ey			
D-View <sup>™</sup> Version 6.0	Please provide your activation key Register your product information and obtain the activation key. After the registration, you are about to experience the D-View 6.0 powerful features.			
	If you are a registered user and have the activation key, please input your key straightly and click "Activate", or please click "Register" to complete the online registration firstly.			
Activation Key :				
	(Format: X000000X-X00X-X00X-X00X-X000X00000000X)			
D-Link	Register Activate Skip			

### Logging On D-View 6.0 NMS Platform

1. Log on D-View NMS platform by providing the following default account and password:

Account: **admin** Password: **111111** 

Enter your acc	count and password:
Account	admin
Password	·····
Managed IP	10 . 90 . 90 . 101
	Login Cancel Option<<

### Note:

- (1) You may click the **Option** button to review the IP information of your management workstation. By default, the Managed IP address should be identical as the IP address you specify; otherwise, please update the Managed IP address, e.g. "10.90.90.101" in this field.
- (2) You may modify the default password of "Admin" via the Menu Bar > System > Change Password after you log on D-View NMS platform.

### Initialize D-View Configuration with Startup Wizard

While the user initializes D-View 6.0, the Startup Wizard will be launched to guide the user complete the initial configuration.

#### The Setup Wizard helps for the following:

- To create a Domain for management
- To create a Netmap for management
- To perform Topology Auto-Discovery
- To export the generated topology to the NMS platform
- Ready for Polling and Monitoring or any further operations

#### Steps:

1. If the user initializes D-View 6.0 at the very first time or there is no Domain configuration in D-View, the Startup Wizard will be launched automatically. Click "**Next**" to continue.



2. The Startup Wizard requests you to specify a domain name in the "**Domain**" field. Please provide a name, press the "**Create**" button to add a new management domain, and then click "**Next**" to continue.

D D-Yiew 6.0 Trial Version : 26 days remained	_ 8 ×
Ele View Application System NetTools Advanced Help	+
Hierarchy Topology Workpl       X         Bomain Manager       X         Domain Name:       Domain Information         Super Domain       Domain D-Link         Domain       D-Link         Please specify a domain name to create a domain for management.         To modify or delete a domain, please select the Domain         Name firstly.         Create       Modify         Delete       Next	
X Time Source device's interface Description	
Wessage Board	

3. In the 3<sup>rd</sup> step, the Startup Wizard requests you to specify a Netmap name in the "**Name**" field. Here the Netmap "**Lab**" is the example. Click the "**Next**" button to continue.

D-View 6.0	_ 🗗 🗙
Elle View Application System NetTools Advanced Help	•
File Yew Application     File     File     Place        Place </th <th></th>	
Next       Time     Source device's interface       Description	
readv	

4. The Startup Wizard will then trigger the **Topology Generator Wizard** to help you discover the network topology automatically. Please select the Analysis Mode as "Local Network" and provide a topology name for auto discovery, then click "Next" to continue.

D-View 6.0 - [D-Link::D-Link?6]	_ <del>_</del> <del>_</del> <del>_</del> ×
D Ele View Iopology Application System NetTools Advanced Help	@ ×
H 🖻 🖻 🖎 🔍 🔍 🛤 🎫 🏂 🖳 🍻 🕇 🦻 🍣	
Hierarchy Tope D Topology Generator	<b>A</b>
Root	
File       View       Topology       Analysis         Image: State of the sta	
ready	

5. Please click "Finish" to start the network analysis procedure.

D-View 6.0 - [D	-Link::Lab?7]		_ & ×
	<u>Iopology</u> <u>Application</u> <u>System</u> <u>N</u>	etTools A <u>d</u> vanced <u>H</u> elp	& ×
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Hierarchy Topolo	y Workpl – X		<b>A</b>
🖃 🧮 Root	D Topology Generator		
Lab	File View Topology Abo	opology Generator Wizard	
		Topology Analysis Configuration	
	Wiscoreby Tengla		
	• • •		
		Topology Generator will start to analyze local network	
		Local IP : 10 . 90 . 95	
		Subnet Mask : 255 : 255 : 0	
		- CNMP Concernity China Calling	
		Sivier Colliniarity Saing Searg	
		Read Only : public	
	• • • • • • • • • • • • • • • • • • •	Read/Write : private	
	X Time	iption	
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	Boa		•
× Time			
•		< Back Finish Cancel	
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Eog			
age			
less			
Topology Generator			

6. After the analysis is completed, the Wizard will request you to Export the discovered topology. Please click "**Export**" to export the topology to the D-View NMS platform for latter polling and monitoring.

D-View 6.0 - [D-Link::0-Link?10]	_ 8 ×
Elle View Iopology Application System NetTools Advanced Help	- 8 ×
Fibrarchy Topolo * X     Putnk     Pounk     Topo Export     Topo Export     Please select a domain netmap where the auto-discovered topology will be exported.   From: C:IProgram FilesID-LinkID-ViewidelconfigiAutoTopoC   Browse   Domain:   Netmap:   To:   Duran:   Netmap:   To:   Duran:   Netmap:   To:   Cancel	
	<u> </u>
X         Time         Source device's interface         Description	
Messsage Board	
ready Num	iber

D-View 6.0 - [D-Link::D-Link?10]	_ 8 ×
D Elle View Iopology Application System NetTools Advanced Help	8 ×
Image: Rectarge region         Image: Rectarge regi	- -
X     Time     Source device's interface     Description	
ready	Number

7. Now the discovered topology is ready for polling and monitoring in D-View NMS platform.



### **Enable Polling Function to Monitor the Network Devices**

After the discovered topology is ready, you can start to the polling operation. "**Polling Config**" function enables you to monitor the network devices in the managed Netmap periodically.

#### Steps:

1. Click on the Netmap "**Lab**", and right-click to pop up the shortcut menu. Select the "**Polling Config**" item to enter the Polling Config window.



2. On the "Select Poll Device" tab, there is a device list, and you can choose the polling protocol either as ICMP or as SNMP. Select the devices you want to poll and press the "Add to Poll" button.

D Polling Config			×
⊟– Î) D-Link ⊕–ਊ* Lab	Set Parameter Select Poll Devi Device Group: Poll Protocol: ICMP	ice Poll Device List	
	Device Name           ✓ Dev-10.90.90.15           ✓ Dev-10.90.90.16           ✓ Dev-10.90.90.20           ✓ Dev-10.90.90.20           ✓ Dev-10.90.90.10           Dev-10.90.90.101           Select All	Device Type DGS3324SR DGS3450 DWL3200 DES3550 GenSNMPDevice NonSNMPDevice	IP       10.90.90.15       10.90.90.16       10.90.90.20       10.90.90.20       10.90.90.100       10.90.90.101

3. Setup the polling config successfully.

Set Parameter S Device Group: Poll Protocol: Device List: Device List: Dev-10.90.9	Belect Poll Device	Poll Device List		
Dev-10.90.9	avice Name			
Polling Con	90.101 fig Config polling success	Device Type NonSNMPDevice	IP 10.90.90.101	
	Select All	Config polling succes	Config polling successfully. OK Select All Select None Add to	Config polling successfully. OK Select All Select None Add to Poll Close

4. You can shift the tab to "**Poll Device List**" to confirm the polling devices, or you can delete the polling devices from the polling list.

D Polling Config			1	X
⊡ <b>U</b> D-Link ⊕	Set Parameter   Select P	oll Device Poll Device List		
	IP	Device Name	Device Type	Protocol
	10.90.90.15	Dev-10.90.90.15	DGS3324SR	ICMP
	10.90.90.16	Dev-10.90.90.16	DGS3450	ICMP
		Dev-10.90.90.20	DWL3200	
		Dev-10.90.90.81	DES3550 ConSNMPDoviso	
	10.90.90.100	Dev-10.80.80.100	GenanwiPDevice	
	,		4	
	Se	lect All Select None	Delete	Close

5. If you go back to the network topology and check the device icons again. Now the gray icons turn to green. This represents the polling is performing and all network endpoints are alive.



# Create a Domain for Network Management Manually

A domain in D-View 6.0 NMS platform is a logical group of network endpoints for network administration. When you begin to use D-View 6.0 Beta 2 for network administration, firstly you must create a management domain.

### Steps:

 Click on the default super domain "Root" to open the Root domain, and right-click on the "Root" domain to pop up the shortcut menu. Then select the "Domain Manager" item to enter the Domain Manager window.



2. Specify a domain name in the "**Domain**" field, and press the "**Create**" button to add a new management domain. After created successfully, the new domain will be shown in the "**Domain Name**" List.

Domain Manager				×
Domain Name: Super Domain D-Link	Domain Informatio	n Workstation		
	Domain	D-Link		
	Please speci managemen To modify or Name firstly.	fy a domain name to create a t. delete a domain, please sele	domain for ct the Domain	
0	pen Create	Modify Delete	Close	

3. Click the "Close" button to exit the Domain Manager window.

# Create a Netmap for NMS Topology Import Manually

A Netmap in D-View 6.0 NMS platform is a logical network space for network endpoints while performing network administration. You could create a Netmap first, and later after performing Topology Generator, you can export the auto discovery result into the Netmap.

**Note:** Alternatively, users could create a Netmap by adding network components to the topology map manually.

Steps:

 Click on the domain "D-Link" to open the management domain, and right-click on the "D-Link" domain to pop up the shortcut menu. Select the "Add Netmap" item to enter the Add Netmap window.



2. Specify a Netmap name in the "**Name**" field, and press the "**OK**" button. Here the Netmap "**MIS**" is the example.

Add netmap	×
Please specify a name fo	or the netmap.
_ Netmap Info	
Name: MIS	
Description:	
You should save the t added netmap.	opology before operating the
ОК	Cancel

3. After a Netmap is created successfully, the new Netmap will be shown in both "**Hierarchy Topology**" and "**Topology Map**" window. Be sure to **Save** the configuration you made before proceeding the next step.

**Note:** The above operation can be comprehend by clicking the "**Save**" icon on the menu bar, or simply by pressing "Ctrl + S".

D-Yiew 6.0 - [D-Link::MI5?11]	_ 8 ×
D File View Iopology Application System NetTools Advanced Help	@ ×
Hitrarchy Topology X	
The current topo hasn't been saved, please save it before opening the new topo I	
	► ►
Time     Source device's interface     Description	
wessage board	
ready	

### Perform Topology Generator Manually to Discover Network

### **Endpoints Automatically**

You can use "**Topology Generator**" function to search network devices within your network, meanwhile auto create their link relation accordingly.

#### Steps:

1. Click on the Netmap "**MIS**", and right-click to pop up the shortcut menu. Please choose the "**Topology Generator**" item to enter the **Topology Generator Wizard**.



In Topology Generator Wizard, choose the "**Designated Network**" option as the Analysis Mode, and specify a topology name in the "**Name**" field, and press the "**Next**" button.

Topology Generator Wizard			×
Welcome to use Topology Generator	wizard		
Analysis Mode :			
C Local Network (faster)			
Designated Network ( slower )			
Topology Name :			
Please enter a name for Topology Generator analysis:			
AutoTopo002			
<	: Back	Next >	Cancel

2. Please specify the IP range and SNMP community string for auto discovery in the setting, and then press the "**Finish**" button. Here the SNMP community string is left for the default setting. If your configuration of the SNMP community string on network devices is other than the default setting, please provide the correct SNMP community string in this step.

opology Generat	or Wizard	×			
Topology Analysis Configuration					
Please enter IF management c designated sub start to analyze	P address and ensure D-View console can access the onet. Topology Generator will a the network.				
Start IP:	172 . 17 . 5 . 1				
End IP:	172 . 17 . 5 . 254				
	nity String Setting				
Read Only:	public				
Read/Write:	private				
Proxy Setting					
F Proxy Sup	port				
Proxy IP :					
	< Back Finish Cancel				

3. When the analysis finished, the auto discovery result will be shown in the "**topology**" window.



4. Click the topology name you have created in the Hierarchy Topology window, then right-click to pop up the shortcut menu. Select the "**Topo Expo**" item to enter the Topo Export window.



5. Choose the Domain and Netmap you created previously. Press the "**Export**" button. After this, you've exported the auto analysis result to D-View NMS platform successfully.

D Topology Generator - [Topology Generator::::AutoTopo002]	. ₽ ×
Eile View Iopology About	₽×
Hierarchy Topology Generator Date Multifopo0101         Autoropo0202         Met.172.175.243         Met.172.175.244         Met.172.175.244      <	-
۲ ۲ ۲	•
X Time In process of operation Description	
Kessage Bourd	

6. After successfully exporting the discovered topology into D-View main window, you may close the Topology Generator window.

D Topology Generator - [Topology Generator::::AutoTopo002]	_ 8 ×
D Ele View Lopology About	# ×
J\$ \$ ≠ 50 9, 9, 10, 23	
Hierarchy Topology * X	<b></b>
Copylogy Generator Data     Autoropeo00     Autoropeo02     Met_172.17.5.0     Met_172.17.5.244     Net_172.17.5.244     Net_172.17.5.244     Net_136.17.0.1     Net_136.17.0.1     Net_Linknow     Net_Linknow     Net_Linknow     Net_Unknow     Net_Unknow     Net_Unknow     Dor     OK     To: D-L     Export Cancel	
	<b>T</b>
Trine     Ar process or operation     Description	
Research of the late D. New 4th hard	

# Adding a Device to the Managed Netmap Manually

If there is a new network device, e.g. its IP is **10.90.90.105**, joined into your network; you can manually discover the device and add it into the existing managed Netmap. The steps below will guide you how to comprehend this task.

### Steps:

1. You can achieve this goal by visiting "**NetTools > Device Discovery**" to begin the procedure for adding a device manually.



 Input the IP range for discovering network devices you intend to add manually, for example, Start IP: 10.90.90.105, End IP: 10.90.90.105, then press the "Search" button.

				_
Start IP:	10 . 90	. 90 .	105	D
End IP:	10 . 90	. 90 .	105	
Community:	public			Cloco
Туре:	SNMP Devices	3	-	
Current IP:	10.90.90.105			
Proxy IP:				
Search		Stop		
Name	Type IP	Address	Descript	ion
ev-10.90.90	DWL3200 10.	90.90.105		

 Select the device you want to add, and then press the "Add to Topo" button to complete the adding device process. Press the "Close" button to exit the Device Discovery window. Now a new device has been manually added into the managed Netmap.



4. After added a new device, the link relations have to be created manually for it. Now right-click on the empty space in the topology map to pop up the shortcut menu. Choose the sub-item "Add Link" under the "Link Manager". After entering the Add Link mode, the mouse indicator will display as a cross sign.



5. Click the device, e.g.10.90.90.100, which has existed in the topology map, then move your mouse to the icon of the added device, e.g. 10.90.90.105, and click on it. Now a new link will be created between those 2 devices.

#### Note:

- (1) To leave the Add Link mode, please right-click on the empty space in the topology map, after pop up the shortcut menu, click on the empty space in the topology map.
- (2) If you remove an existing network device from the topology map, and try to manually add the device back to the topology. It is very important to **Save** the topology map first before you add the removed network device back to the topology. Otherwise, the operation will be failed since the topology change has not been submitted to the database.



6. You may edit the added link via right-click on the added link. After pop up the shortcut menu, select the sub-item "Edit Link" under the "Link Manager" to enter the Edit Link window.



7. You can edit the detail information of the added link. Click the "**OK**" button to exit the Edit Link window.

Edit link				
Link Name	from_DES355	0_to_DVVL3200		
Dev-1 :	Dev-10.90.90.100	T Dev-2	Dev-10.90.90.105	-
Port :	0	Port :	0	
Color :		Browse	]	
Capacity :	100M •	Link Type :	Ethernet	*
Redund	ant Link 🗖	Ordinary Link		
			ок с	ancel

### Perform Run Batch Function for One-To-Many Configuration

 Users can select multiple devices at the same time via mouse drag for performing batch configuration function. After multiple devices are selected, simply right-click on one of the selected device to pop up the shortcut menu, select the "Run Batch" item to enter the Run Batch window.



D Run Batch				
Save RMON Safe	guard Engine 🏾 Spani	ning Tree   Firmwa	re Update   C	Config Update Resource Port Status
Device Name           Dev-10.90.90.105           Dev-10.90.90.105           Dev-10.90.90.100           Dev-10.90.90.81           Dev-10.90.90.20           Dev-10.90.90.16           Dev-10.90.90.15	Device Type DWL3200 GenSNMPDevice DES3550 DWL3200 DWL3200 DGS3450 DGS3324SR	IP 10.90.90.105 10.90.90.100 10.90.90.81 10.90.90.20 10.90.90.16 10.90.90.15	Status	Config By Device Type           DXS332EGSF          Select           Config Name         Setting           Save         CFG
				Option:
				Indication Note: Please select the devices for performing operations according to device type. Then press "Apply" to save the configuration of the designated devices
				The status information shown on the panel only indicates a SNMP operation has been sent to the devices successfully.
				CloseApply

For running batch configuration for network endpoints, below "**Firmware Upgrade**" and "**Safeguard Engine**" are as the examples.

### Firmware Upgrade for DES-3550

 Shift to the "Firmware Update" tab, and specify the models you intend to upgrade from the "Config By Device Type" block. Choose the model name as DES3550 from the drill down list, and tick the "Select" checkbox. See the illustration below.

**Note:** When you tick the checkbox, all DES-3500 devices listed on the left will be selected automatically. If you intend to perform firmware upgrade simply for partial DES-3500 devices, you can uncheck part of the devices listed on the left.

🕽 Run Batch					x
Save RMON Safeg	guard Engine   Spann	ning Tree F	irmware Update	Config Update Resource Port Status	
Device Name           Dev-10.90.90.105           Dev-10.90.90.100           ✓           Dev-10.90.90.81           Dev-10.90.90.20           Dev-10.90.90.16           Dev-10.90.90.15	Device Type           DWL3200           GenSNMPDevice           DES3550           DWL3200           DGS3450           DGS3324SR	IP 10.90.90.105 10.90.90.105 10.90.90.81 10.90.90.20 10.90.90.16 10.90.90.15	Status	Config By Device Type DES3550  Select Config Name Setting File Name DES3550.had Server IP 10.90,90,95	
				Option: UPDATE	
				Run Local TFTP TimeOut(ms): 3000 Indication Note: Before performing Firmware Update, please ensure TFTP Server has been running on the designated workstation, and the server is reachable for the devices.	
				The status information shown on the panel only indicates a SMMP operation has been sent to the devices successfully.	
				Close Apply	

- 2. Please provide the corresponding config parameters as below:
  - File Name: DES3550.had
  - Server IP: 10.90.90.101
  - Operation: **UPDATE**
  - Procedure: ACTIVE

Run Batch Save RMON Sa	feguard Engine 🗍 Spar	nning Tree Fim	nware Update	
Device Name           Dev-10.90.90.105           Dev-10.90.90.100           ✓           Dev-10.90.90.81           Dev-10.90.90.16           Dev-10.90.90.15	Device Type DWL3200 DES3550 DWL3200 DGS3450 DGS3450 DGS3324SR	IP           10.90.90.105           10.90.90.100           10.90.90.100           10.90.90.20           10.90.90.16           10.90.90.15	, Status	Config By Device Type         DES3550       ▼       Select         Config Name       Setting         File Name       DES3550.had         Server IP       10.90.90.95         Operation Type       UPDATE         Procedure       ACTIVE         Option:       10.90.90.95         Run Local TFTP       TimeOut(ms):       3000         Indication       Note: Before performing Firmware Update, please ensure TFTP Server has been running on the designated workstation, and the server is reachable for the devices.         The status information shown on the panel only indicates a SIMP operation has been sent to the devices successfully.
				Close Apply

Tick the "Run Local TFTP" checkbox, and then press the "Apply" button.

**Note:** The firmware files must reside in the default folder of Local TFTP Server before you perform this task. You may download the switch firmware from PMD, and copy these firmware files to the default folder "C:\Program Files\D-Link\D-View".

### Enable Safeguard Engine for DES-3550

 Shift to "Safeguard Engine" tab, specify the models you intend to enable or disable Safeguard Engine from the "Config By Device Type" block. Choose the model name as DES3550 from the drill down list, and tick the "Select" checkbox. See the illustration below.

**Note:** When you tick the checkbox, all DES-3500 devices listed on the left will be selected automatically. If you intend to enable or disable Safeguard Engine simply for partial DES-3500 devices, you can uncheck part of the devices listed on the left.

Run Batch						
Save RMON	Safeguard Engine	Spanning Tree   I	irmware Update	Config Update 📔 R	esource   Port Status	
Device Na	ame Device Typ	De   IP	Status	Config By Devic	се Туре	
Dev-10.90.90.1 Dev-10.90.90.2	6 DGS33450 0 DWL3200	10.90.90.16 10.90.90.20		DGS3450	▼ Select	_
Dev-10.90.90.8 Dev-10.90.90.1 Dev-10.90.90.1	1 DES3550 00 GenSNMPDev 05 DWL3200	10.90.90.81 ice 10.90.90.10 10.90.90.10	5	Coning Na Safeguard	me Setting ENABLE	
				Option:		•
				Indication Note: Please performing op type.	e select the devices for erations according to device	e
				Then press ' Safeguard sta The status infr only indicates sent to the de	'Apply" button to config the itus of the designated devic ormation shown on the pan a SNMP operation has bee vices successfully.	es. el m
				TimeOut(ms):	3000	
					Close A	pply

2. Please configure the setting parameter as "**Enable**" or "**Disable**", and then press the "**Apply**" button.

Run Batch			
Save RMON Safe	guard Engine   Spanning	) Tree   Firmware Up	date   Config Update   Resource   Port Status
Device Name	Device Type	IP S	tatus Config By Device Type
Dev-10.90.90.15 Dev-10.90.90.16 Dev-10.90.90.20 Dev-10.90.90.81 Dev-10.90.90.100 Dev-10.90.90.105	DG\$33245R 10. DG\$33450 10. DWL3200 10. DE\$3550 10. GenSNMPDevice 10. DWL3200 10.	90.90.16 90.90.20 90.90.20 90.90.81 90.90.100 90.90.105	DGS3450 ▼ ▼ Select Config Name Setting Safeguard ENABLE
			Option: ENABLE   Indication Note: Please select the devices for performing operations according to device
			type. Then press "Apply" button to config the Safeguard status of the designated devices. The status information shown on the panel only indicates a SNMP operation has been sent to the devices successfully.
			TimeOut(ms): 3000
			Close Apply

### **Event Viewer**

You can check the events for network devices via the "Event Viewer" function; the feature is available while you go to System > Event Manager > Event Viewer By Netmap, or Event Viewer By IP. The steps below illustrate how to perform Event Viewer By Netmap via the shortcut menu.

### Steps:

1. Click the Netmap "Lab", then right-click to pop up the shortcut menu. Select the "Event Viewer by Netmap" item to enter the Event Viewer window.



2. You may configure the Filter Setting, and click the "**Query**" button to apply the filter to review the Event records you would like to observe.

" D-Link	TV	Severity	Time	IP	Description	Count	
E P The	1,2	Critical	1007-07-18 18 MAA3	10 00 00 13	Lines Driver	oodiit	
	90.90.0 2	Informationa	2007-07-18 19 13 21	10.90.90.16	Down-> Up	- 40	
		Critical	2907-07-18 18:44:20	10.90.90.29	Up> Down	No.	
	2	Informationa	2007-07-18 19:13:15	10.90.90.20	Down-> Up	- <b>4</b>	
	1		2007-07-18 18:44:20		Up -> Down	( <b>1</b> )	
	2	Informations	2007-07-18 19:13:15	10.90.90.81	Down-> Up	1	
		Critical	2007-07-18 18:44:20	10.90.90 100	Up -> Down		
	4	Informationa	2007-07-18 19:13:21	10.90.90.100	Down-> Up		
Iter Setting							
Iter Setting			Time				
Iter Setting			Time				
Iter Setting Event Type:	All Event Type		Time ▼ O Ali				
lter Setting Event ● Type: ○ Severity:	All Event Type All Serverity		Time O All O Peri	od From:	7/20/2007 💌	To: 7/20/20	07
lter Setting Event ● Type: ○ Severity:	All Event Type All Serverity		<ul> <li>Time</li> <li>O Peri</li> </ul>	od From:	7/20/2007	To: 7/20/20	107 <del>•</del>
Iter Setting Event Type: C Severity: Device	All Event Type All Serverity		Time     O All     O Peri     Event	od From:	7/20/2007	το: <sup>7/20/20</sup>	07 💌
Iter Setting Event Type: Severity: Device Vender	All Event Type All Serverity All Venders		Time All Peri Event	od From: 📑 Source	7/20/2807 💌	To: 7/20/20	07 🗾
Iter Setting Event Type: Severity: Device Vender:	All Event Type All Serventy All Venders		Time All Peri Event O Date	od From: Source abase	7/20/2007	To: 7/20/20	07 🔻
Iter Setting Event ● Type: ● Severity: Device Vender: Type:	All Event Type All Serverity All Venders All Device Type		Time ○ All ○ Peri Event ○ Dat • ○ Dat	od From: Source abase	7/20/2007	To: 7/20/20	107 💌
Iter Setting Event Type: Severity: Device Vender: Type:	All Event Type All Serverity All Venders All Device Type		Time ⊘ All ⊘ Peri Event ⊙ Dat ⊙ File	od From. Source abase	7/20/2007 💌	то: 7/20/20 В	107 💌
liter Setting Event Type: Severity: Device Vender: Type: Device:	All Event Type All Serverity All Venders All Device Type All device		<ul> <li>Time</li> <li>O All</li> <li>Peri</li> <li>Event</li> <li>O Data</li> <li>File</li> </ul>	od From Source abase	7/20/2007 💽	To: 7/20/20	107 💌