ØªÙƒÙˆÙŠÙ† Ø¥Ø¹Ø¯Ø§Ø¯Ø§Øª Ù…Ù†Ø·Ù‚Ø© Ø§ÙƒØªØ´Ø§Ù Ø§Ù„Ø·Ø¨Ù‚Ø§Øª (MED) Ù„Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ Ø§ÙƒØªØ´Ø§Ù Ø·Ø¨Ù‚Ø© Ø§Ù„ÙˆØµÙˆÙ„ (LLDP) Ø¹Ù„Ù‰ Ù…ØÙˆÙ„ Ù…Ø§ Ø®Ù„Ø§Ù„ Ù†Ø§ÙØ°Ø© Ø§Ù„Ø£ÙˆØ§Ù…Ø± (CLI)

Ø§Ù„Ù‡Ø¯Ù

ØªÙ‡Ø¯Ù Ù‡Ø°Ù‡ Ø§Ù„Ù…Ù‡Ù…Ø© Ø¥Ù„Ù‰ Ø¥Ø¹Ø¯Ø§Ø¯ Ù…Ø¹Ù„Ù…Ø§Øª Ø§Ù„Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ Ø§ÙƒØªØ´Ø§Ù Ø§Ù„Ø·Ø¨Ù‚Ø© Ø§Ù„Ù…Ø´ØªØ±ÙƒØ© Ø¨ÙŠÙ† Ø§Ù„Ø£Ø¬Ù‡Ø²Ø© Ø§Ù„Ø´Ø¨ÙƒÙŠØ© Ø§Ù„Ù…ØªØµÙ„Ø© Ù…Ø¨Ø§Ø´Ø±Ø© Ø¹Ø¨Ø± Ø§Ù„Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ Ø§Ù„Ù‚ÙŠØ§Ø³ÙŠ Ù„Ø§ÙƒØªØ´Ø§Ù Ø§Ù„Ø·Ø¨Ù‚Ø© (LLDP) Ø¹Ù„Ù‰ Ø§Ù„Ù…ØÙˆÙ„ Ø§Ù„Ù…Ø§ Ø®Ù„Ø§Ù„ Ø§Ù„Ø£ÙˆØ§Ù…Ø± Ø§Ù„Ø³Ø·Ø± Ø§Ù„Ø£Ø³Ø§Ø³ÙŠØ© (CLI).

Ø§Ù„Ù…Ø¨Ø¯Ø£

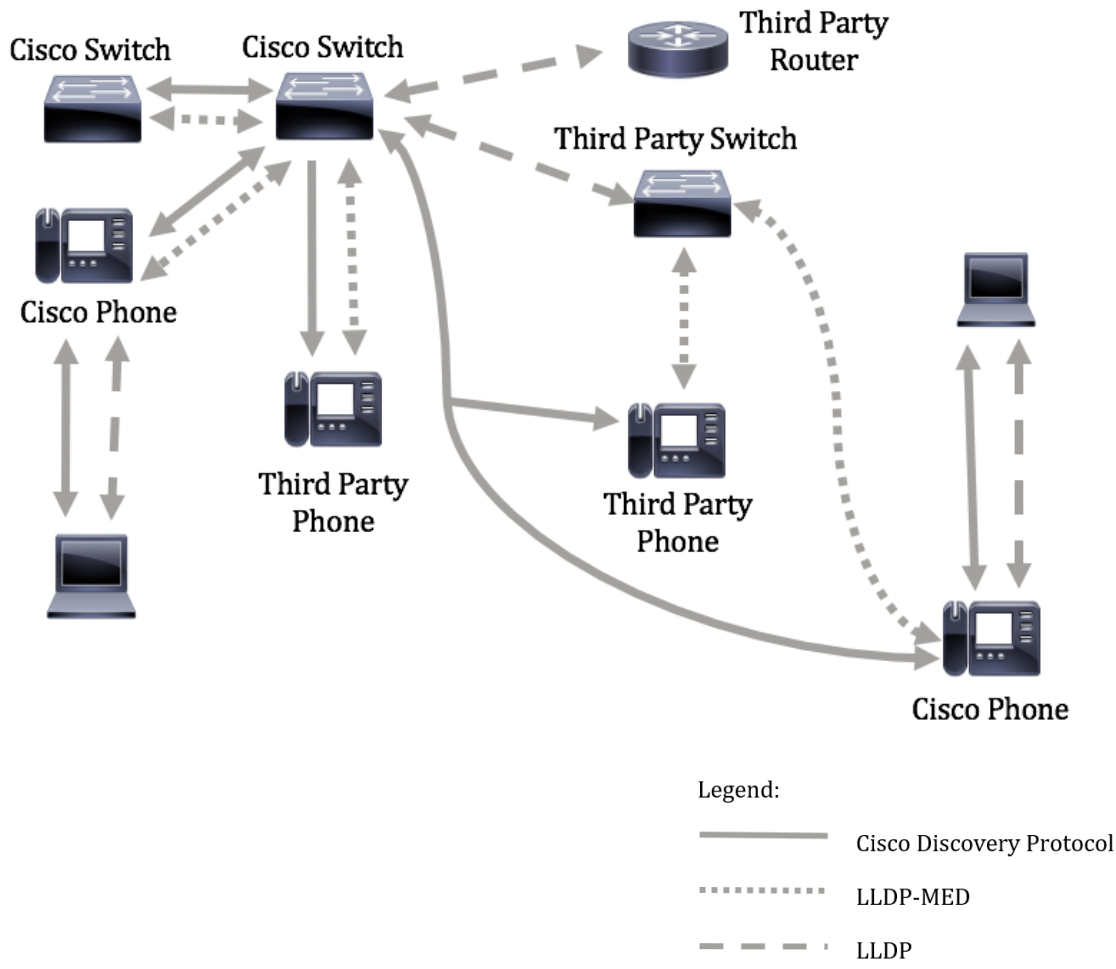
ÙŠÙ‚ÙˆÙ… LLDP Ù„Ù„Ø¬Ù‡Ø² Ø¥Ø±Ø³Ø§Ù„ Ø§Ù„Ø¥Ø¹Ù„Ø§Ù† Ø¹Ù† Ù†ÙØ³Ù‡ Ø¹Ù„Ù‰ Ø´ÙƒÙ„ Ø¥Ø·Ø§Ø± Ø¯ÙˆØ±ÙŠ Ø¹Ø¨Ø± Ø§Ù„Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ Ø§Ù„Ù‚ÙŠØ§Ø³ÙŠ Ø§Ù„Ø®Ø§Øµ Ø¨Ø§Ù„Ø·Ø¨Ù‚Ø© Ø§Ù„Ø«Ø§Ù†ÙŠØ© Ù…Ù† Ù†Ù…ÙˆØ°Ø¬ OSI. Ø¨Ø§Ù„Ø¥Ø¶Ø§ÙØ© Ø¥Ù„Ù‰ LLDP Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ Ø§ÙƒØªØ´Ø§Ù Cisco (CDP) Ø£ÙŠØ§ Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ Ø§Ù„Ø§ÙƒØªØ´Ø§Ù Ø£Ùˆ Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ LLDP Ø¹Ø¨Ø§Ø±Ø© Ø¹Ù† Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ Ø§ÙƒØªØ´Ø§Ù Ø§Ù„Ø¬Ø§Ø± Ø£Ùˆ Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ CDP Ø£Ùˆ Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ Cisco Ø§Ù„Ø®Ø§Øµ. Ø¹Ø§Ø¯Ø© Ø§Ù„Ø£Ø¬Ù‡Ø²Ø© Ø§Ù„Ø¹Ø§Ù…Ù„Ø© Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ Ø§Ù„Ø§ÙƒØªØ´Ø§Ù Ø§Ù„Ù…Ø¯Ù…Ø¬ Ø¨Ø´ÙƒÙ„ Ø§ÙØªØ±Ø§Ø¶ÙŠ Ø§Ù„Ø£Ø¬Ù‡Ø²Ø© Ø§Ù„Ø´Ø¨ÙƒÙŠØ© Ø§Ù„Ù…Ø¨Ø§Ø´Ø±Ø© Ø¹Ø¨Ø± Ø§Ù„Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ Ø§Ù„Ø§ÙƒØªØ´Ø§Ù Ø§Ù„Ø®Ø§Øµ Ø¨Ø§Ù„Ø·Ø¨Ù‚Ø© Ø§Ù„Ø«Ø§Ù†ÙŠØ© Ù…Ù† Ù†Ù…ÙˆØ°Ø¬ OSI. Ø¨Ø§Ù„Ø¥Ø¶Ø§ÙØ© Ø¥Ù„Ù‰ LLDP Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ Ø§ÙƒØªØ´Ø§Ù Cisco (CDP) Ø£ÙŠØ§ Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ Ø§Ù„Ø§ÙƒØªØ´Ø§Ù Ø£Ùˆ Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ LLDP Ø¹Ø¨Ø§Ø±Ø© Ø¹Ù† Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ Ø§ÙƒØªØ´Ø§Ù Ø§Ù„Ø¬Ø§Ø± Ø£Ùˆ Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ CDP Ø£Ùˆ Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ Cisco Ø§Ù„Ø®Ø§Øµ. Ø¹Ø§Ø¯Ø© Ø§Ù„Ø£Ø¬Ù‡Ø²Ø© Ø§Ù„Ø¹Ø§Ù…Ù„Ø© Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ Ø§Ù„Ø§ÙƒØªØ´Ø§Ù Ø§Ù„Ù…Ø¯Ù…Ø¬ Ø¨Ø´ÙƒÙ„ Ø§ÙØªØ±Ø§Ø¶ÙŠ Ø§Ù„Ø£Ø¬Ù‡Ø²Ø© Ø§Ù„Ø´Ø¨ÙƒÙŠØ© Ø§Ù„Ù…ØªØµÙ„Ø© Ù…Ø¨Ø§Ø´Ø±Ø© Ø¹Ø¨Ø± Ø§Ù„Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ Ø§Ù„Ø§ÙƒØªØ´Ø§Ù Ø§Ù„Ø®Ø§Øµ Ø¨Ø§Ù„Ø·Ø¨Ù‚Ø© Ø§Ù„Ø«Ø§Ù†ÙŠØ© Ù…Ù† Ù†Ù…ÙˆØ°Ø¬ OSI. Ø¨Ø§Ù„Ø¥Ø¶Ø§ÙØ© Ø¥Ù„Ù‰ LLDP Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ Ø§ÙƒØªØ´Ø§Ù Cisco (CDP) Ø£ÙŠØ§ Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ Ø§Ù„Ø§ÙƒØªØ´Ø§Ù Ø£Ùˆ Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ LLDP Ø¹Ø¨Ø§Ø±Ø© Ø¹Ù† Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ Ø§ÙƒØªØ´Ø§Ù Ø§Ù„Ø¬Ø§Ø± Ø£Ùˆ Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ CDP Ø£Ùˆ Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ Cisco Ø§Ù„Ø®Ø§Øµ. Ø¹Ø§Ø¯Ø© Ø§Ù„Ø£Ø¬Ù‡Ø²Ø© Ø§Ù„Ø¹Ø§Ù…Ù„Ø© Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ Ø§Ù„Ø§ÙƒØªØ´Ø§Ù Ø§Ù„Ù…Ø¯Ù…Ø¬ Ø¨Ø´ÙƒÙ„ Ø§ÙØªØ±Ø§Ø¶ÙŠ Ø§Ù„Ø£Ø¬Ù‡Ø²Ø© Ø§Ù„Ø´Ø¨ÙƒÙŠØ© Ø§Ù„Ù…ØªØµÙ„Ø© Ù…Ø¨Ø§Ø´Ø±Ø© Ø¹Ø¨Ø± Ø§Ù„Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ Ø§Ù„Ø§ÙƒØªØ´Ø§Ù Ø§Ù„Ø®Ø§Øµ Ø¨Ø§Ù„Ø·Ø¨Ù‚Ø© Ø§Ù„Ø«Ø§Ù†ÙŠØ© Ù…Ù† Ù†Ù…ÙˆØ°Ø¬ OSI.

Ø§Ù„Ù…Ù…ÙŠØ²Ø§Øª

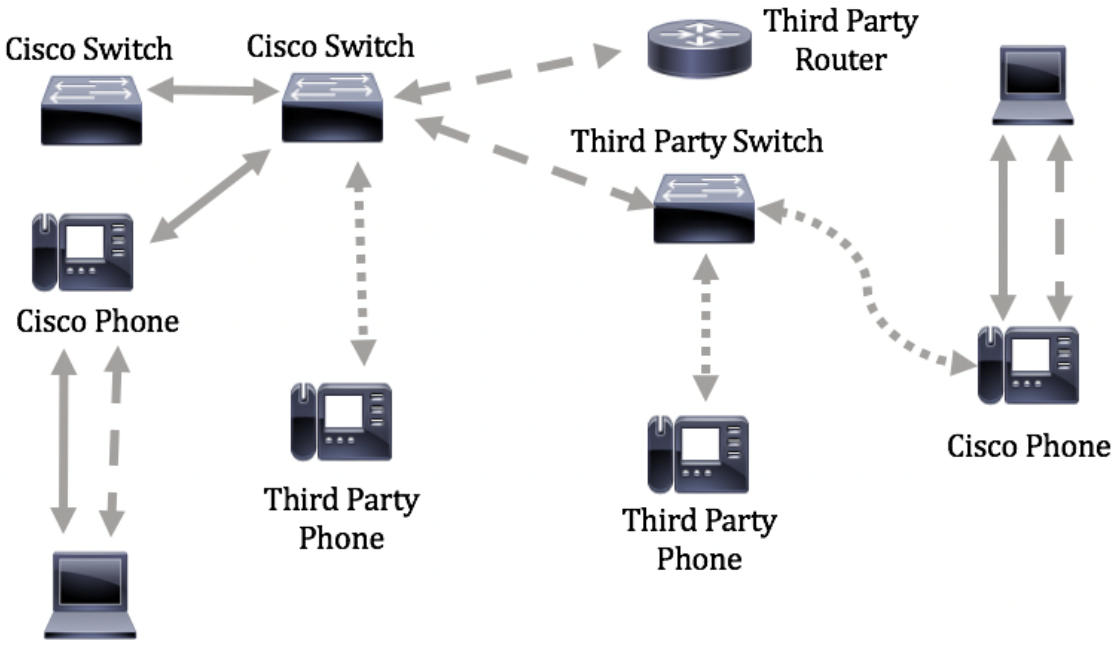
ÙŠÙ‚Ø¯Ù… Ø¥Ø¹Ø¯Ø§Ø¯ Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ LLDP Ø¹Ù„Ù‰ Ø§Ù„Ø£Ø¬Ù‡Ø²Ø© Ø§Ù„Ø´Ø¨ÙƒÙŠØ© Ø§Ù„Ø®Ø§Øµ Ø¨Ø§Ù„Ø·Ø¨Ù‚Ø© Ø§Ù„Ø«Ø§Ù†ÙŠØ© Ù…Ù† Ù†Ù…ÙˆØ°Ø¬ OSI Ø¨Ø§Ù„Ø¥Ø¶Ø§ÙØ© Ø¥Ù„Ù‰ Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ Cisco Ø§Ù„Ø®Ø§Øµ Ø¨Ø§Ù„Ø·Ø¨Ù‚Ø© Ø§Ù„Ø«Ø§Ù†ÙŠØ© Ù…Ù† Ù†Ù…ÙˆØ°Ø¬ OSI.

Ù^ÙŠÙ…ÙƒÙ†ÙƒØ¥Ø³ØªØ®Ø¯Ø§Ù… Ù‡Ø°Ù‡ Ø§Ù„Ù…Ù…Ø§Ø±Ø³Ø§Øª Ù„Ø¥ØµÙ„Ø§Ø Ù…Ø´Ø§ÙƒÙ„ Ø§Ù„Ø´Ø¨ÙƒØ© Ø§Ù„Ø®Ø§ØµØ© Ø¨Ùƒ. Ù‡Ø°Ø§ Ø£ØªØ¯ Ø§Ù„Ø¨Ø±Ù†Ø§Ù…Ø¬ Ø§Ù„Ø´Ø§Ø¦Ø¹ Ø§Ù„Ù…Ø³ØªØ®Ø¯Ù… Ù…Ù† Ù‚Ø¨Ù„ Ø´Ø±ÙƒØ§Øª Ø§Ù„Ø´Ø¨ÙƒØ§Øª Ø§Ù„Ø®Ø§ØµØ© Ø§Ù„Ø¨ØØ« Ø§Ù„Ø¨Ø¨ Ù…Ø« FindIT Network Management Ù„Ø§Ø³ØªÙƒØ´Ø§Ù Ø§Ù„Ø£Ø¬Ù‡Ø²Ø© Ø§Ù„Ø£Ø¨Ø¨ÙƒØ©.

ÙŠÙˆÙ†Ø± Ø§ÙƒØªØ´Ø§Ù Ù†Ù‚Ø·Ø© Ø§Ù„Ù†Ù‡Ø§ÙŠØ© Ø§Ù„Ù…Ø³ØªÙ†Ø¯ (MED) Ù„ LLDP Ø¥Ù…ÙƒØ§Ù†ÙŠØ© Ø¥Ø¶Ø§ÙÙŠØ© Ù„Ø¯Ø¹Ù… Ø£Ø¬Ù‡Ø²Ø© Ù†Ù‚Ø·Ø© Ù†Ù‡Ø§ÙŠØ© Ø§Ù„Ù…Ø³ØªÙ†Ø¯ Ø§Ù„Ù…Ø³ØªØ®Ø¯Ù… Ù…Ù† Ù‚Ø¨Ù„ Ø´Ø±ÙƒØ§Øª Ø§Ù„Ø´Ø¨ÙƒØ§Øª Ø§Ù„Ø®Ø§ØµØ© Ø§Ù„Ø¨ØØ« Ø§Ù„Ø¨Ø¨ Ù…Ø« Ø§Ù„Ø£Ø¬Ù‡Ø²Ø© Ø§Ù„Ø·Ø±ÙÙŠØ©



ÙŠÙˆØ¶Ø Ø§Ù„Ù…Ø®Ø·Ø· Ø£Ø¯Ù†Ø§Ù‡ Ø³ÙŠÙ†Ø§Ø±ÙŠÙˆ Ø³Ø¹Ù… Ù„Ø¥Ø¸Ù‡Ø§Ø± Ø¨Ø¹Ø¶ Ø§Ù„Ø¹Ù„Ø§Ù‚Ø§Øª Ø¨ÙŠÙ† Ø¬Ù‡Ø§Ø² Ø§Ù„Ù‡Ø§ØªÙ Ø§Ù„Ø¥Ø¹Ù„Ø§Ù†Ø§Øª Ø¨Ø§Ø³ØªØ®Ø¯Ø§Ù… CDP Ø¨ÙŠÙ† Ø£Ø¬Ù‡Ø²Ø© Cisco Ø¨ÙŠÙ†Ù…Ø§ Ø¥Ø¹Ù„Ø§Ù†Ø§Øª LLDP-MED Ø¨ÙŠÙ† Ø£Ø¬Ù‡Ø²Ø© Cisco Ù‚Ø£Ø¬Ù‡Ø²Ø© Ø§Ù„Ø·Ø±Ù Ø§Ù„Ø«Ø§Ù„Ø«.



Ù‡Ø§Ù…: ØªÙƒÙˆÙŠÙ† Ù†Ù‡Ø¬ Ø§Ù„Ø´Ø¨ÙƒØ© LLDP-MED Ù‡Ù‘ Ù…ØªÙ„Ø¨ Ø£Ø³Ø§Ø³ÙŠ Ù„Ù‡Ø°Ø§ ØªÙƒÙˆÙŠÙ†. Ù„Ù…Ø¹Ù„Ù�Ø© ÙƒÙŠÙ�ÙŠØ© ØªÙƒÙˆÙŠÙ† Ø³Ù„Ø§Ø³Ø© Ø§Ù„Ø´Ø¨ÙƒØ© Ù…Ù† Ø®Ù„Ø§Ù„ Ø§Ù„Ø£Ø¯Ø§Ø© Ø§Ù„Ù…Ø³Ø¹Ù¯Ø© Ø§Ù„Ù…Ø³ØªØ¨Ø© Ø¥Ù„Ù‰ Ø¹Ù‚Ø¯ Ù„Ù„Ø§ØªØµØ§Ù„ Ø¹Ù„Ù‰ Ù‡Ø°Ø§ Ø§Ù„Ù…Ù†ÙØ° Ø§Ù„Ù…Ø¹Ù‚Ø¯ Ø§Ù„Ù…Ø³ØªØ¨Ø© Ø§Ù„Ù…Ø³Ø¹Ù¯Ø© Ø§Ù„Ù…Ø³ØªØ¨Ø© Ø¥Ù„Ù‰ Ø¹Ù‚Ø¯ Ø§Ù„Ø§ØªØµØ§Ù„ Ø¹Ù„Ù‰ Ù‡Ø°Ø§ Ø§Ù„Ù…Ù†ÙØ°

Ø¥Ù„Ù‰:

- Ø£Ø±Ø³Ù„Øª ØØ±ÙƒØ© Ù…Ø±ÙˆØ± Ø¡ÙˆØª Ø¹Ù„Ù‰ VLAN 10 ÙƒØØ²Ù…Ø© Ø¨Ø¹Ù„Ø§Ù…Ø§Øª ØªÙ…ÙŠÙŠØ² ÙˆÙ…Ø¹ 802.1p Ø£ÙˆÙ„ÙˆÙŠØ© 5.
- Ø¥Ø±Ø³Ø§Ù„ ØØ±ÙƒØ© Ù…Ø±ÙˆØ± Ø§Ù„Ø¡ÙˆØª Ø¨Ø§Ø³Øª Ø®Ø¯Ø§Ù… Ù†Ù‚Ø·Ø© Ø±Ù…Ø² Ø§Ù„Ø®Ø¯Ù…Ø§Øª Ø§Ù„Ù…Ù…ÙŠØ²Ø© (DSCP) 46.

Ø¨Ø´ÙƒÙ„ Ø§Ù❓ØªØ±Ø§Ø¶ÙŠØŒ Ù„Ø§ ØªÙˆØ¬Ø¯ Ø³ÙŠØ§Ø³Ø© Ø´Ø¨Ù‡ØØ© Ù…ÙƒÙˆÙ†Ø© Ø¹Ù„Ù‰ Ø§Ù„Ù…Ù❓Ø¨Ø¯Ù‘Ù„. Ù❓ÙŠÙ…Ø§ ÙŠÙ„ÙŠ Ø¥Ø¹Ø¯Ø§Ø¯Ø§Øª LLDP-MED Ø§Ù„Ø¹Ø§Ù…Ø© Ùˆ Ø§Ù„Ùˆ Ø§Ø¬Ù‡Ø©:

Ø§Ù„Ø¥Ø¹Ø¯Ø§Ø¯ Ø§Ù„Ø§Ù❓ØªØ±Ø§Ø¶ÙŠ	**Ø§Ù„Ù…ÙŠØ²Ø©**
ØªÙ„Ù‚Ø§Ø¦ÙŠ	Ø¡ÙˆØª Ø³ÙŠØ§Ø³Ø© Ø§Ù„Ø´Ø¨Ù‡ØØ© LLDP-MED
3	Ø¹Ø¯Ø¯ Ù…Ø±Ø§Øª ØªÙƒØ±Ø§Ø± Ø§Ù„Ø¨Ø¯Ø¦ Ø§Ù„Ø³Ø±ÙŠØ¹ LLDP-MED
Ù†Ø¹Ù…	Ø¥Ù…ÙƒØ§Ù†Ø§Øª Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ LLDP-MED (Ø§Ù„Ùˆ Ø§Ø¬Ù‡Ø©)
Ù†Ø¹Ù… (ØªÙ„Ù‚Ø§Ø¦ÙŠ)	Ø³ÙŠØ§Ø³Ø© Ø§Ù„Ø´Ø¨Ù‡ØØ© LLDP-MED (Ø§Ù„Ùˆ Ø§Ø¬Ù‡Ø©)
Ù„Ø§	Ù…ÙˆÙ‚Ø¹ LLDP-MED (Ø§Ù„Ùˆ Ø§Ø¬Ù‡Ø©)
Ù„Ø§	Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ LLDP-MED PoE (Ø§Ù„Ùˆ Ø§Ø¬Ù‡Ø©)
Ù…Ø¹Ø·Ù„	Ø¥Ø¹Ù„Ø§Ù…Ø§Øª LLDP-MED (Ø§Ù„Ùˆ Ø§Ø¬Ù‡Ø©)
Ù„Ø§	Ù…Ø®Ø²ÙˆÙ† LLDP-MED (Ø§Ù„Ùˆ Ø§Ø¬Ù‡Ø©)

Ù‡Ø§Ù…: Ù†Ø¸Ø±Ø§ Ù„Ø£Ù† LLDP Ù…Ø¹Ø·Ù„ Ø¨Ø´ÙƒÙ„ Ø¹Ø§Ù… Ø¨Ø´ÙƒÙ„ Ø§Ù❓ØªØ±Ø§Ø¶ÙŠØŒ ÙŠØ¬Ø¨ Ø¹Ù…ÙƒÙŠÙ†Ù‡ Ø£Ù‚Ù„Ø§ Ù‚Ø¨Ù„ Øª Ù‡ÙˆÙŠÙ† Ø¥Ø¹Ø¯Ø§Ø¯Ø§Øª LLDP-MED Ø¹Ù„Ù‰ Ø§Ù„Ù…ØÙˆÙ„ Ù„Ø¯ÙŠÙƒ. Ù„Øª Ù…ÙƒÙŠÙ† Ø®Øµø§Ø¦Øµ LLDP Ø§Ù„Ø¹Ø§Ù…Ø© Ùˆ Øª Ù‡ÙˆÙŠÙ†Ù‡Ø§ Ø¹Ù„Ù‰ Ø§Ù„Ù…ØÙˆÙ„ Ù„Ø¯ÙŠÙƒØŒ Ø§Ù†Ù‚Ø± Ù‡Ù†Ø§.

Ø¹Ø±Ø¶ Ø¥Ø¹Ø¯Ø§Ø¯Ø§Øª Ø§Ù„Øªå ÙˆÙŠÙ† LLDP-MED Ø¹Ù„Ù‰ Ø§Ù„ÙˆØ§Ø¬Ù‡Ø© Ø§Ù„Ø³Ø·Ø±ÙŠØ©

Ø§Ù„Ø®Ø·ÙˆØ© 1. Ø³Ø¬Ù„ Ø§Ù„Ø¯Ø®ÙˆÙ„ Ø¥Ù„Ù‰ ÙˆØ§Ø© Ø³ÙØ§Ù… Ø§Ù„Ø¥Ø¯Ø§Ø±Ø© Ø§Ù„ÙˆÙŠØ¨ Ø§Ù„Ø®Ø§Øµ Ø¨Ù…Ø¨Ø¯Ù„ Ø§Ù„Ø´Ø¨ÙƒØ©. Ø§Ù„Ø§Ø³Ù… Ø§Ù„Ø§ÙØªØ±Ø§Ø¶ÙŠ Ù‡Ùˆ cisco/cisco. Ø¥Ø°Ø§ Ù‚Ù…Øª Ø¨ØªØºÙŠÙŠØ± Ø¨ÙŠØ§Ù†Ø§Øª Ø§Ù„Ø§Ø¹ØªÙ…Ø§Ø¯ Ø§Ù„Ø®Ø§ØµØ© Ø¨Ùƒ Ø£Ùˆ Ø¥Ø°Ø§ Ù„Ù… ØªÙƒÙ† Ù‚Ø¯ Ù‚Ù…Øª Ø¨ØªÙƒÙˆÙŠÙ† Ø¥Ø¹Ø¯Ø§Ø¯Ø§Øª Ø§Ù„Ø®Ø§Ø¯Ù… Ø§Ù„Ø®Ø§Øµ Ø¨Ùƒ Ø¨Ø¹Ø¯ØŒ Ø³ØªØ¸Ù‡Ø± Ù„Ùƒ Ø§Ù„Ø´Ø§Ø´Ø© Ø§Ù„ØªØ§Ù„ÙŠØ©.

Ù…Ù„Ø§ØØ¸Ø©: Ù‚Ø¯ Ø¹Ø¯Ø© Ø§Ù„Ø£Ø´Ø®Ø§Øµ Ø¹Ù„Ù‰ Ø´Ø¨ÙƒØ© Ø§Ù„Ø¥Ù†ØªØ±Ù†Øª Ø§Ù„Ø¹Ø§Ù„Ù…ÙŠØ© Ø§Ù„Ø¥Ø·Ù„Ø§Ø¹ Ø¹Ù„Ù‰ Ø¹Ù†ÙˆØ§Ù† IP Ø§Ù„Ø®Ø§Øµ Ø¨Ø¬Ù‡Ø§Ø² Ø§Ù„ØªØ¨Ø¯ÙŠÙ„ SG350X Ø§Ù„Ø®Ø§Øµ Ø¨Ùƒ Ø¹Ø¨Ø± Telnet.

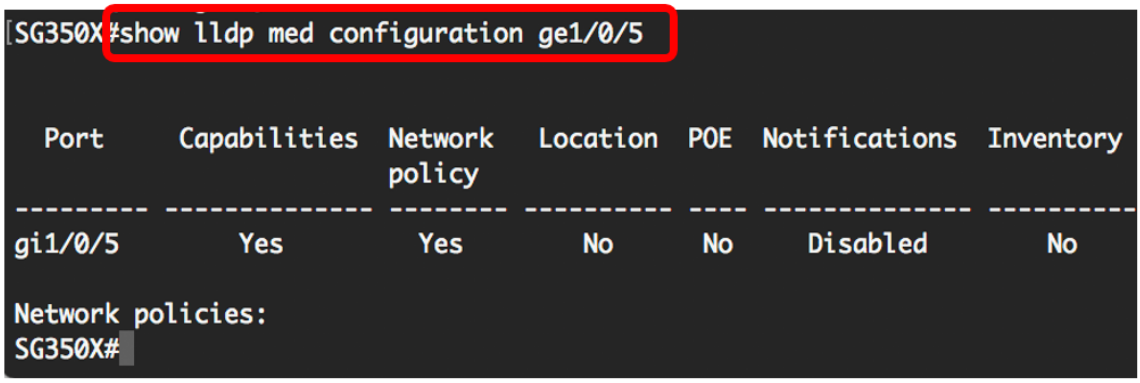
Ø§Ù„Ø®Ø·ÙˆØ© 2. Ù‚Ù… Ø¨ØªØ³Ø¬ÙŠÙ„ Ø§Ù„Ø¯Ø®ÙˆÙ„ Ø¥Ù„Ù‰ ÙˆØ§Ø¬Ù‡Ø© Ø§Ù„Ø£ÙˆØ§Ù…Ø± Ø§Ù„Ø®Ø§ØµØ© Ø¨Ø¬Ù‡Ø§Ø² Ø§Ù„ØªØ¨Ø¯ÙŠÙ„ Ø§Ù„Ø®Ø§Øµ Ø¨Ùƒ.

```
SG350X#show lldp med ØªØ´ÙƒÙŠÙ„ [interface-id | Ù…Ù†ÙØ°Ù„]
```

Ø§Ù„Ø®ÙŠØ§Ø±Ø§Øª Ø§Ù„Ù…ØªØ§ØØ©:

- interface-id - (Ø¥Ø®ØªÙŠØ§Ø±ÙŠ) ÙŠØØ¯Ø¯ Ù…Ø¹Ø±Ù Ø§Ù„Ù…Ù†ÙØ° Ø§Ù„Ø®Ø§Øµ Ø¨Ø§Ù„Ø¥Ø¹Ø¯Ø§Ø¯ Ø§Ù„Ù…Ø±Ø§Ø¯ Ø¹Ø±Ø¶Ù‡.
- Ø§Ù„ÙØ§ÙˆØ§ØµÙ„ - (Ø¥Ø®ØªÙŠØ§Ø±ÙŠ) ÙŠØ¹Ø±Ø¶ Ø§Ù„Ø¥Ø¹Ø¯Ø§Ø¯ Ø§Ù„Ø®Ø§Øµ Ø¨Ø§Ù„ÙˆØ§ØµÙ„ Ø§Ù„Ù…Ø±Ø§Ø¯ Ø¹Ø±Ø¶Ù‡Ø§.

Ù…Ù„Ø§ØØ¸Ø©: Ù‚Ø¯ Ø§Ø®ØªÙ„Ø§Ù Ø§Ù„Ø¥Ø®Ø±Ø§Ø¬ Ø¹Ù„Ù‰ Ø¬Ù‡Ø§Ø² Ø§Ù„ØªØ¨Ø¯ÙŠÙ„ Ø¢Ø®Ø± Ø¨Ø§Ø®ØªÙ„Ø§Ù Ø§Ù„Ø¥ØµØ¯Ø§Ø± Ø§Ù„Ù…Ø³ØªØ®Ø¯Ù….



ÙŠØ¬Ø¨ Ø¹Ù„Ù‰ Ø§Ù„Ø¢Ù† Ø¹Ø±Ø¶ Ø¥Ø¹Ø¯Ø§Ø¯Ø§Øª LLDP-MED Ø¨Ù†Ø¬Ø§Ø Ø¹Ù„Ù‰ Ø§Ù„ÙˆØ§Ø¬Ù‡Ø© Ø§Ù„Ø³Ø·Ø±ÙŠØ© Ù„Ø¬Ù‡Ø§Ø² Ø§Ù„ØªØ¨Ø¯ÙŠÙ„ Ø§Ù„Ø®Ø§Øµ Ø¨Ùƒ.

ØªØ¹Ø·ÙŠÙ„ LLDP-MED Ø¹Ù„Ù‰ Ù…Ù†Ù†Ù‡ Ø§Ù„Ù…Ø§

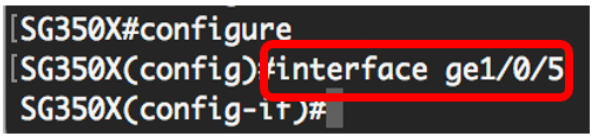
ÙŠÙ…Ùƒ Ù†Ùƒ ØªÙƒÙˆÙŠÙ† Ø§Ù„Ù‚Ø§Ø¨Ù„Ø© Ø¹Ù„Ù‰ Ø¹Ø¯Ø© Ù…Ù†Ø§ÙØ° Ø¨Ø´ÙƒÙ„ Ù…Ù†ÙØµÙ„ Ø£Ùˆ Ø¹Ù„Ù‰ Ø§Ù„Ù…Ù†Ø§ÙØ° Ø§Ù„Ù…ØØ¯Ø¯Ø© Ø¨Ø´ÙƒÙ„ Ø¹Ø§Ù… Ø¹Ù„Ù‰ Ø§Ù„Ù…Ø³ØªÙˆÙ‰ Ø§Ù„Ø¹Ø§Ù„Ù…ÙŠ. Ø³ÙŠØªÙŠØ Ù„Ùƒ ØªÙƒÙˆÙŠÙ† LLDP-MED Ø¹Ù„Ù‰ Ù…Ù†Ù†Ù‡ Ø§Ù„Ù…Ø§ÙØ° Ø¨Ø´ÙƒÙ„ Ø¹Ø§Ù… Ø£Ùˆ Ø¹Ù„Ù‰ Ø§Ù„Ù…Ø³ØªÙˆÙ‰ Ø§Ù„Ø¹Ø§Ù„Ù…ÙŠ CDP Ù„Ù„ØªØ¹Ø±Ù.... Ù‚Ù‡Ø°Ø§ Ø§Ù„Ø£Ù…Ø± Ø¥Ø°Ø§ Ù„Ù… ØªÙƒÙ† Ù„Ø¯ÙŠÙƒ Ø£ÙŠ Ø³Ø¨Ø¨ Ù„Ø¹Ø¯Ù… Ø§Ù„Ù„Ø¬ÙˆØ¡ Ø§Ù„Ù‰ Ø§Ù„Ø¥Ø¹Ø¯Ø§Ø¯ Ø§Ù„Ø§ÙØªØ±Ø§Ø¶ÙŠ Ø¥Ø°Ø§ Ø§Ø®ØªÙ„ÙØª Ø¹Ù† Ø§Ù„Ø¥Ø¹Ø¯Ø§Ø¯ Cisco Ø£Ùˆ Ø§Ø§Ø³ØªÙ‚Ø§ Cisco.

Ø§Ù„Ø®Ø·ÙˆØ© 1. Ù‚ÙŠ Ù‚Ø¶Ø¹ "EXEC Ø°ÙŠ Ø§Ù„Ø§Ù…ØªÙŠØ§Ø²Ø§Øª" Ù„Ù„Ù…ÙˆÙ„Œ Ø£Ø¯Ø®Ù„ Ø¥Ù„Ù‰ Ø³ÙŠØ§Ù‚, "Ø§Ù„Ø¹ÙˆÙˆÙŠÙ† Ø§Ù„Ø¹Ø§Ù…" Ù…Ù† Ø®Ù„Ø§Ù„ Ø¥Ø¯Ø®Ø§Ù„ Ø§Ù„Ø¥Ø¹Ø¯Ø§Ø¯Ø§Øª Ø§Ù„Ø¹Ø§Ù…Ø©:

```
SG350X#configure
```

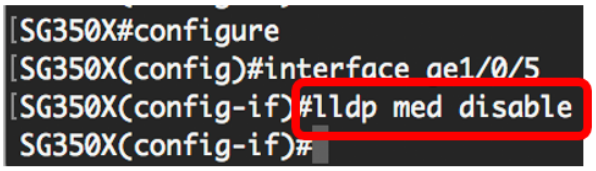
Ø§Ù„Ø®Ø·ÙˆØ© 2. Ø¯Ø®Ù„Øª Ø§Ù„Ù‚Ø§Ø¦Ù…Ø© Ø£Ù† Ø£Ù†Øª Ø¹Ø±ÙŠÙ Ø¥Ø¯Ø®Ø§Ù„ Ø§Ù„Ø¥Ø¹Ø¯Ø§Ø¯Ø§Øª Ø§Ù„Ø®Ø§ØµØ© Ø¨Ø§Ù„Ø§Ø¬Ù‡Ø©:

```
SG350X(config)#interface [interface-id]
```

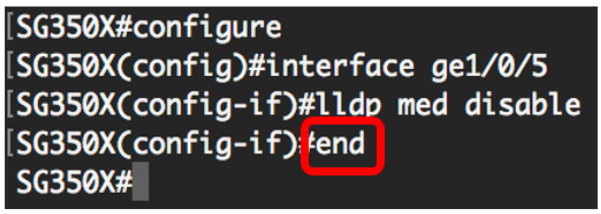


Ø§Ù„Ø®Ø·ÙˆØ© 3. Ù„Ø¹Ø¹Ø·ÙŠÙ„ LLDP-MED Ø¹Ù„Ù‰ Ø§Ù„Ù…Ø£Ù† Ø£Ù†Øª Ø¹Ø§Ù„Ø¯Ø¯ Ø£Ø¯Ø®Ù„ Ù…Ø§ ÙŠÙ„Ù„:

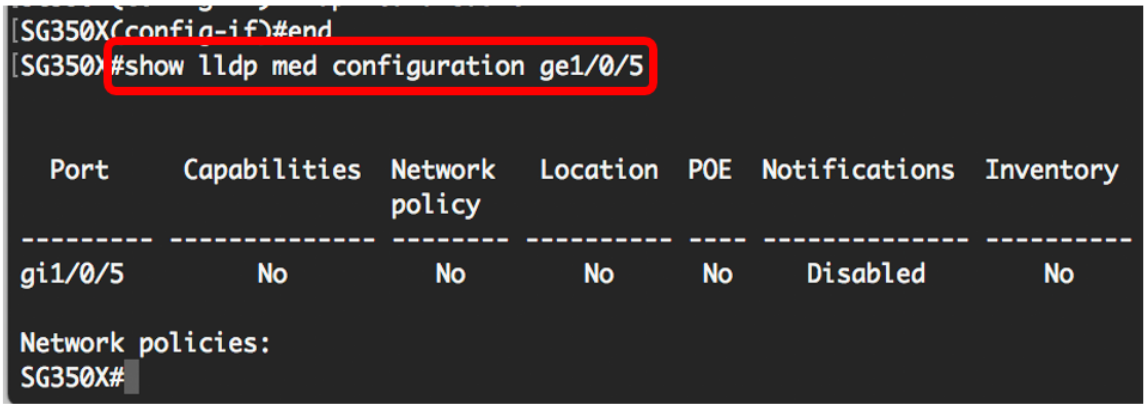
```
SG350X(config)#lldp med disable
```



Ø§Ù„Ø®Ø·ÙˆØ© 4. Ø£Ø¯Ø®Ù„ Ø§Ù„Ø£Ù…Ø± **end** Ù„Ù„Ø¹ÙˆØ¯Ø© Ø¥Ù„Ù‰ Ø³ÙŠØ§Ù‚ "EXEC Ù„Ù„Ø§Ù…ØªÙŠØ§Ø²":



ÙŠØ¨Ø®Ù„ Ø®Ø·ÙˆØ© 5. (Ø¥Ø®ØªÙŠØ§Ø±ÙŠ) Ø£Ù† ÙŠØ¨Ù‚Ù‰ Ø§Ù„Ù„ÙŠÙ„ Ø¹Ø¹Ø¯Ø§Ø¯ Ø§Ù„Ø§Ø³ØªØ¹Ø§Ø§Ø¯Ø© Ø§Ù„Ø§ÙØªØ±Ø§Ø¶ÙŠ:



ÙŠØ¬Ø¨ Ø¹Ù„ÙŠÙƒ Ø§Ù„Ø¢Ù† ØªØ¹Ø·ÙŠÙ„ LLDP-MED Ø¨Ù†Ø¬Ø§Ø Ø¹Ù„Ù‰ Ø§Ù„Ù…Ù†ÙØ° Ø§Ù„Ù…ØØ¯Ø¯ Ø¨Ø¹Ø¯ Ø¥Ø¯Ø®Ø§Ù„ Ø§Ù„Ø®Ø§Ø·Ø¦ Ù„Ø£Ù…Ø± CLI (Ù‚Ø§Ø¨Ù„Ø© Ø³Ø·Ø± Ø§Ù„Ø£Ù‚Ø§Ø±).

Ø¤Ù‚Ù†ÙŠÙ† Ø¥Ø¹Ø¯Ø§Ø¯Ø§Øª Ù…Ù†Ø¯ LLDP-MED

ÙŠØ¤ÙŠØ Ø¤Ù‚Ù†ÙŠÙ† Ø¥Ø¹Ø¯Ø§Ø¯Ø§Øª LLDP-MED Ø¹Ù„Ù‰ Ù…Ù†Ø¯ Ø§Ø Ø¤Ù‚Ù†ÙŠÙ… Ø§Ù„Ù†Ù‚Ù„ Ù‚/Ø£Ù‚ Ø³ÙŠØ§Ø³Ø§Øª Ø§Ù„Ø´Ø¨ÙƒØ© Ø§Ù„Ø¤ÙŠØ³ÙŠØ¤Ø§Øª Ø¤Ø¶Ø§ÙØ© Ø¥Ù„Ù‰ LLDP-MED Ø§Ù„Ø¹Ø§Ø¯ÙŠØ© Ù„Ù‚Ø·Ø¹ Ù„Ù‚Ù†Ø§Ø©. ÙŠØ¤Ù… Ø¥Ø³Ø¤Ø®Ø¯Ø§Ù… LDP-MED TLVs Ù„Ù‚Ø¶Ø£ Ø£Ø¬Ø²Ø§Ø¡ Ø§Ù„Ø´Ø¨ÙƒØ© Ø§Ù„Ø¤Ø±Ø¤Ø³Ø§Ø¡ Ø§Ù„Ø¤Ø±Ø¤Ø³Ø§Ø¡ Ø¥Ù„Ù‰ Ø¤Ø¹Ø¯Ø§Ø¯Ø§Øª Ø¥Ø¶Ø§ÙØ©.

Ø§Ù„Ø®Ø·Ù‚Ø© 1. Ø¥ÙŠ Ù‚Ø¶Ø¹ "EXEC Ø°ÙŠ Ø§Ù„Ø§Ù…Ø¤ÙŠÙ‚Ø²Ø§Ù„" Ù„Ù„Ù…Ø¶Ù‚Ø¥ Ø£Ø¬Ø®Ù„ Ø¥Ù„Ù‰ Ø³ÙŠØ§Ù‚ "Ø§Ù„Ø¤ÙŠÙ†ÙŠÙ† Ø§Ù„Ø¹Ø§Ù…" Ù…Ù† Ø®Ù„Ø§Ù„ Ø¥Ø¯Ø®Ø§Ù„ Ø§Ù„Ø¤Ø¹Ø§Ù…Ø§Ø¡ Ø§Ù„Ø¤Ø±Ø¤Ø³Ø§Ø¡ Ø§Ù„Ø¤Ø¨Ø§Ø¹Ø¯Ø§Ø¯Ø§Øª.

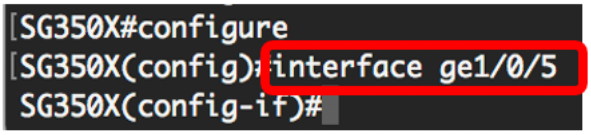
```
SG350X#configure
```

Ø§Ù„Ø®Ø·Ù‚Ø© 2. Ø¯Ø®Ù„Ø¤ Ø§Ù„Ù‚Ø§Ø·Ø¹Ù† Ø£Ù† Ø£Ù†Ø¤ Ø¤Ø±Ø¤Ø¯ Ø£Ù† ÙŠØ´Ø¯Ø¹Ù„ Ø§Ù„Ø¤Ø¨Ø§Ø¹Ø¯Ø§Ø¯Ø§Øª:

Ù…Ù„Ø§Ø¸Ø©: Ø¤Ø£Ùƒ Ù…Ù† Ø£Ù† Ø§Ù„Ø¬Ø²Ø¡ Ø§Ù„Ù…Ø¤Ø±Ø¤Ø³ Ø§Ù„Ø¤Ø¨Ø§Ø¹Ø¯ Ø¥Ø¯Ø®Ø§Ù„ Ø§Ù„Ø¤Ø¹Ø§Ù…Ø§Ø¡ Cisco Ø£Ù† Ù‡Ø°Ø§ Ø¤Ø¬Ø¹Ù„ Ø®Ø§Ø±Ø¬ Ø¤Ø¨Ø§Ø¹Ø¯Ø§Ø¯Ø§Øª Cisco.

```
SG350X(config)#interface [interface-id]
```

Ù…Ù„Ø§Ø¸Ø©: Ù‚Ø¯Ø§ Ø§Ù„Ø¤Ø«Ø§Ù„ Ø¥Ø¯Ø®Ø§Ù„ Ø¥Ø¹Ø¯Ø§Ø¯Ø§Øª Ø¥Ø¹Ø¯Ø§Ø¯Ø§Øª Ø¤Ø¬Ø¹Ù„ Ø§Ù„Ø¤Ø§Ø¬Ù‡Ø© ge1/0/5.



Ø§Ù„Ø®Ø·Ù‚Ø© 3. Ù„Ø¥Ø¹Ø¯Ø§Ø¯ Ø¥Ø¹Ø¯Ø§Ø¯Ø§Øª LLDP-MED Ø¹Ù„Ù‰ Ø§Ù„Ø¤Ø§Ø¬Ù‡Ø© Ø§Ù„Ø¤Ø¹Ø¯Ø¯Ø© Ø£Ø¨Ø®Ù„ Ø§Ù„Ø§ÙŠÙ„Ù„:

```
SG350X(config-if)#lldp med enable [tlv]
```

Ø§Ù„Ø®ÙŠØ§Ø±Ø§Øª Ù‡Ù‰:

- enable - Ø³Ù…Ù‘ÙƒÙ† LLDP-MED Ø¹Ù„Ù‰ Ø§Ù„Ù…Ù†ÙØ°. •
- tlv - ÙŠØØ¯Ø¯ TLV Ø§Ù„Ø°Ù‰ ÙŠØ¬Ø¨ Ø¥Ø¶Ø§ÙØªÙ‡ Ø¥Ù„Ù‰ Ø§Ù„Ù…Ù†ÙØ° Ø§Ù„Ù…ØØ¯Ø¯. ÙˆÙ‡Ù‰ Ø§ØØ¯Ù‰ Ø§Ù„Ù‚ÙŠÙ… Ø§Ù„ØªØ§Ù„ÙŠØ©: •
  - network-policy - ÙŠØØ¯Ø¯ Ù…Ø§ Ø¥Ø°Ø§ ÙƒØ§Ù† TLV Ù„Ù†Ù‡Ø¬ Ø§Ù„Ø´Ø¨ÙƒØ© ÙŠØ³Ø§Ù‡Ù… Ø£Ù… Ù„Ø§.
  - Ø§Ù„Ù…ÙˆÙ‚Ø¹ - ÙŠØØ¯Ø¯ Ù…Ø§ Ø¥Ø°Ø§ ÙƒØ§Ù† Ø§Ù„Ù…ÙˆÙ‚Ø¹ TLV ÙŠØªÙ… Ù†Ù‚Ù„Ù‡ Ø£Ù… Ù„Ø§.
  - poe-pse - ÙŠØØ¯Ø¯ Ù…Ø§ Ø¥Ø°Ø§ ÙƒØ§Ù†Øª Ø£Ø¬Ù‡Ø²Ø© Ø§Ù„Ù…ØªÙ‘ØµÙ„Ø© Ø§Ù„Ø·Ø§Ù‚Ø© Ø¹Ù„Ù‰ Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ (PoE-PSE) ÙŠØªÙ… Ø¥Ø±Ø³Ø§Ù„ Ø£Ù… Ù„Ø§.
  - Ø§Ù„Ø®Ø²Ù†Ø© - ÙŠØØ¯Ø¯ Ù…Ø§ Ø¥Ø°Ø§ ÙƒØ§Ù† Ù‚Ø¯ Ø§Ø³ØªÙ‚Ø¨Ù„ TLV Ù„Ù„Ø®Ø²Ù†Ø© Ø£Ù… Ù„Ø§.

Ù…Ù„Ø§ØØ¸Ø©: ÙŠØªÙ… Ø§Ù„ØªØÙƒÙ… LLDP-MED Ø¨Ø´ÙƒÙ„ Ø§Ù„Ù…Ø§Ø±Ø§Ø© Ø¹Ù„Ù‰ TLV Ø§Ù„Ù…Ø®Ø§Ø¬ Ø¨Ù†Ø§Ø¡ Ø¹Ù„Ù‰ Ø¨Ø´ÙƒÙ„ Ø¹Ø§Ù… Ø¹Ù„Ù‰ Ø§Ù„Ù…Ù†ÙØ°. ÙŠØªÙ… Ø¨Ø¹Ø¯ Ø¥Ù†Ø´Ø§Ø¡ TLV Ù„Ù„Ø© Ø§Ù„Ø¥Ø¹Ø¯Ø§Ø¯ Ø¨Ø±Ù†Ø§Ù…Ø¬ LLDP-MED.

```
SG350X#configure
SG350X(config)#interface ge1/0/5
SG350X(config-if)#lldp med enable network-policy
SG350X(config-if)#
```

Ø§Ù„Ø®Ø·ÙˆØ© 4. (Ø¥Ø®ØªÙŠØ§Ø±ÙŠ) Ù„Ø¥Ø¹Ø§Ø¯Ø© Ø¥Ø¹Ø¯Ø§Ø¯ Ø§Ù„Ø¥Ø¹Ø¯Ø§Ø¯Ø§Øª Ø§Ù„Ø§ÙØªØ±Ø§Ø¶ÙŠØ© Ù„Ù„Ù…Ù†ÙØ°ØŒ Ø£Ø¯Ø®Ù„ Ø§Ù„Ø£Ù…Ø± Ø§Ù„ØªØ§Ù„Ù‰:

```
SG350X(config-if)#nolldp med
```

Ø§Ù„Ø®Ø·ÙˆØ© 5. Ù„Ø¥Ø²Ø§Ù„Ø© Ø³ÙŠØ§Ø³Ø© Ø´Ø¨ÙƒØ© LLDP-MED Ø¹Ù„Ù‰ Ø§Ù„Ù…Ù†ÙØ°ØŒ Ø£Ø¯Ø®Ù„ Ø§Ù„Ø£Ù…Ø± Ø§Ù„ØªØ§Ù„Ù‰:

```
SG350X(config)#lldp med network-policy [add | remove] Ø±Ù‚Ù…
```

Ø§Ù„Ø®ÙŠØ§Ø±Ø§Øª Ù‡Ù‰:

- Ø¥Ø¶Ø§ÙØ© Ø£Ù‰ Ø¥Ø²Ø§Ù„Ø© - Ø¥Ø¶Ø§ÙØ© Ø£Ù‰ Ø¥Ø²Ø§Ù„Ø© Ù‚Ø§Ù„Ø¨ Ø§Ù„Ø´Ø¨ÙƒØ© Ø§Ù„Ù…ØØ¯Ø¯ Ù„Ù„Ù…Ù†ÙØ°. •
- number - ÙŠØØ¯Ø¯ Ø§Ù„Ø±Ù‚Ù… Ø§Ù„Ø³Ø±Ù‰ Ù„Ù†Ù…Ø¬ Ø§Ù„Ø´Ø¨ÙƒØ©. Ø§Ù„Ù…Ø¯Ù‰ Ù‡Ù‰ 1-32 •

Ù…Ù„Ø§ØØ¸Ø©: Ù„Ùƒ Ù…Ù†Ø°Ø§Ù†Ø§Ø± ÙŠÙ…ÙƒÙ†Ùƒ Ø¥Ø¶Ø§ÙØ© Ø´Ø¨ÙƒØ© Ù‚Ø§Ø¦Ù…Ø© Ø§Ù„Ø´Ø¨ÙƒØ§Øª Ø§Ù„Ù…Ø±ØªØ¨Ø·Ø© Ø¨Ø§Ù„Ù…Ù†ÙØ° Ø§Ù„Ø§Ø³ØªÙ…Ø§Ø¹ Ø§Ù„Ø§Ø³Ø§Ø³Ù‰ Ø§Ù„Ø°Ù‰ Ø³ÙŠØ³Ø¨Ø¨ Ø§Ù„Ø¥Ø±Ø³Ø§Ù„ Ø§Ù„Ù…ØªÙ‚Ø§Ø·Ø¹ Ø§Ù„Ø°Ù‰ Ø³ÙŠØ³Ø¨Ø¨ Ø§Ù„Ø¥Ø±Ø³Ø§Ù„ 1.

```
SG350X(config)#interface ge1/0/5
SG350X(config-if)#lldp med enable network-policy
SG350X(config-if)#lldp med network-policy add 1
SG350X(config-if)#
```

Ø§Ù„Ø®Ø·ÙˆØ© 6. (Ø¥Ø®ØªÙŠØ§Ø±ÙŠ) Ù„Ø¥Ø²Ø§Ù„Ø© Ø¬Ù…ÙŠØ¹ Ø³ÙŠØ§Ø³Ø§Øª Ø´Ø¨ÙƒØ© LLDP-MED Ù…Ù† Ø§Ù„Ù…Ù†ÙØ° Ø£Ø¯Ø®Ù„ Ù…Ø§ ÙŠÙ„ÙŠ:

```
SG350X(config-if)#nolldp med network-policy [number]
```

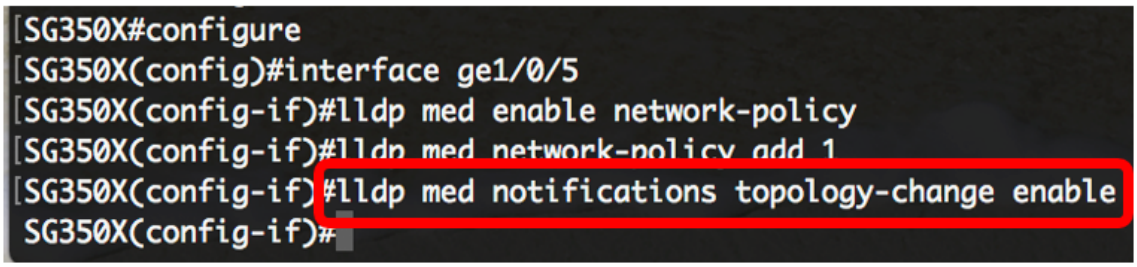
Ø§Ù„Ø®Ø·ÙˆØ© 7. (Ø¥Ø®ØªÙŠØ§Ø±ÙŠ) Ù„Ø¥ÙŠÙ‚Ø§Ù Ø¥Ø±Ø³Ø§Ù„ Ø¥Ø¹Ù„Ø§Ù…Ø§Øª Ø¥Ø¯Ø§Ø±Ø© Ø§Ù„Ø´Ø¨ÙƒØ© Ø§Ù„Ø¥Ø®Ø·Ø§Ø± (SNMP) Ø§Ù„Ø®Ø§ØµØ© Ø¨Ø·ÙˆØ¨ÙˆÙ„ÙˆØ¬Ù LLDP-MED Ø¹Ù„Ù‰ Ù…Ù†Ø° Ù…Ø¯Ø®Ù„ Ø£Ø¯Ø®Ù„ Ù…Ø§ ÙŠÙ„ÙŠ:

```
SG350X(config-if)#lldp med notifications topology-change [enable | disable]
```

Ø§Ù„Ø®ÙŠØ§Ø±Ø§Øª Ù‡ÙŠ:

- enable - Ø³Ù…Ø Ø¥Ø±Ø³Ø§Ù„ Ø¥Ø¹Ù„Ø§Ù…Ø§Øª Ø·Ø¨ÙˆÙ„ÙˆØ¬Ù Ø§Ù„Ø´Ø¨ÙƒØ© LLDP-MED.
- disable - Ù„Ø¹Ø¯Ù… Ø¥Ø±Ø³Ø§Ù„ Ø¥Ø¹Ù„Ø§Ù…Ø§Øª Ø·Ø¨ÙˆÙ„ÙˆØ¬Ù Ø§Ù„Ø´Ø¨ÙƒØ© LLDP-MED.

Ù…Ù„Ø§ØØ¸Ø©: Ù‡Ù„ Ù‡Ø°Ø§ Ø§Ù„Ø¥Ø¬Ø±Ø§Ø¡ Ø¥Ø¹Ø¯Ø§Ø¯ Ø·Ø¨ÙˆÙ„ÙˆØ¬Ù Ø¥Ø¹Ù„Ø§Ù…Ø§Øª SNMP. Ø§Ù„Ø¥Ø¹Ø¯Ø§Ø¯ Ø§Ù„Ø§Ø®ØªÙŠØ§Ø±ÙŠ Ù…Ø·Ù„ÙˆØ¨.



Ø§Ù„Ø®Ø·ÙˆØ© 8. Ù„Ø¥Ø¶Ø§ÙØ© Ø¹Ø¯Ø¯ Ø§Ù„Ø£Ø¬Ù‡Ø²Ø© Ø§Ù„Ù„Ø§Ø³Ù„ÙƒÙŠØ© Ù„Ù„Ø´Ø¨ÙƒØ© LLDP-MED Ù„Ù„Ø¥Ø®Ø·Ø§Ø± Ø§Ù„Ø®Ø§ØµØ© Ø¨Ø§Ù„Ø£Ø¬Ù‡Ø²Ø© Ø§Ù„Ù…ØªØµÙ„Ø© Ø§Ù„Ø¬Ø¯ÙŠØ¯Ø© Ø§Ù„Ù…Ø¶Ø§ÙØ© Ø¥Ù„Ù‰ Ø§Ù„Ø´Ø¨ÙƒØ© Ø§Ù„Ù…ØÙ„ÙŠØ© Ø¹Ø¨Ø± Ø§Ù„Ø¨Ø±ÙŠØ¯ Ø§Ù„Ø¥Ù„ÙƒØªØ±ÙˆÙ†ÙŠ Ø§Ù„Ø®Ø§Øµ Ø¨Ø§Ù„Ø¥Ø®Ø·Ø§Ø± Ø§Ù„Ø®Ø§ØµØ© Ø¨Ø§Ù„Ø£Ø¬Ù‡Ø²Ø© Ø§Ù„Ù…ØªØµÙ„Ø© Ø§Ù„Ø¬Ø¯ÙŠØ¯Ø© Ø§Ù„Ù…Ø¶Ø§ÙØ© Ø¥Ù„Ù‰ Ø§Ù„Ø´Ø¨ÙƒØ© Ø§Ù„Ù…ØÙ„ÙŠØ© Ø¹Ø¨Ø± Ø§Ù„Ø¨Ø±ÙŠØ¯ Ø§Ù„Ø¥Ù„ÙƒØªØ±ÙˆÙ†ÙŠ Ø§Ù„Ø®Ø§Øµ Ø¨Ø§Ù„Ø¥Ø®Ø·Ø§Ø±

ØªØ¹Ø±ÙŠÙ Ù…Ù^Ù‚Ø¹ "Ø®Ø¯Ù…Ø© Ø·Ù^Ø§Ø±Ø¦ Ø§Ù„Ù…ÙƒØ§Ù†Ù…Ø§" (ECS ELIN) Ø¨ØªÙ†Ø³ÙŠÙ‚ Ø³Ø¯Ø§Ø³Ù‰ Ø¹Ø´Ø±ÙŠ Ø¹Ø´Ø±Ø©. ÙŠØ³ØªØ®Ø®Ø¯Ù… Ù‡Ø°Ø§ Ù„ØªØ¹Ø¯Ø¯ Ù…Ù^Ù‚Ø¹ Ø¬Ù‡Ø§Ø² Ø§Ù„Ø´Ø¨ÙƒØ© Ø¨Ù^Ø§Ø³Ø·Ø© Ø¨Ø±ÙˆØªÙˆÙƒÙˆÙ„ LLDP Ø§Ù„Ø®Ø§Øµ Ø¨Ù‡. ÙŠÙ…ÙƒÙ†Ùƒ Ø¥Ø¯Ø®Ø§Ù„ Ù…Ø§ Ù„Ø§ ÙŠÙ‚Ù„ Ø¹Ù† 10 Ø¥Ù„Ù‰ 25 Ø²Ù^Ø¬Ù…Ø§ Ø§Ù„Ø£Ø±Ù‚Ø§Ù… Ø§Ù„Ø³Ø¯Ø§Ø³ÙŠØ© Ø§Ù„Ø¹Ø´Ø±ÙŠØ© Ù‡ÙŠ Ù‡Ø°Ø§ Ø§Ù„Ø¥Ø¯Ø®Ø§Ù„.

- Ø§Ù„Ø¨ÙŠØ§Ù†Ø§Øª - ÙŠØ¬Ø¯ Ø¨ÙŠØ§Ù†Ø§Øª Ø§Ù„Ù…Ø±Ø§Ø¯ Ø¨Ø§Ù„Ø¥Ø¶Ø§ÙØ©
- Ø§Ù„Ù…Ø¬Ø¯ Ù‡ÙŠ Ø¨ÙŠØ§Ù†Ø§Øª ANSI/TIA 1057: Ø¨ÙŠØ§Ù†Ø§Øª Ø³Ø¯Ø§Ø³Ø© Ø¹Ø´Ø±ÙŠØ© Ø¹Ø´Ø±Ø© Ù…Ø«Ù„ Ø¨ÙŠØ§Ù†Ø§Øª Ø³Ø¹Ø© Ø£Ø±Ø¨Ø¹Ø© Ø¹Ø´Ø±ÙŠØ© Ø¹Ø´Ø±Ø© Ø³Ø¯Ø§Ø³ÙŠØ

```
[SG350X(config-if)#end
[SG350X#show lldp med configuration ge1/0/5

  Port     Capabilities  Network    Location  POE  Notifications  Inventory
                         policy
--------- ------------- -------- ---------- ---- -------------- ----------
gi1/0/5        Yes         Yes        No      No     Enabled         No

Network policies: 1
Location:
Civic-address: 12:ab:34:cd:56:ef:78:ab:90:cd:12:ef
Ecs-elin: 12:ab:34:cd:56:ef:78:ab:90:cd:12:ef

SG350X#
```

Ø§Ù„Ø®Ø·ÙˆØ© 11. (Ø§Ø®ØªÙŠØ§Ø±ÙŠ) Ù€ÙŠ Ù^Ø¶Ø¹ "EXEC Ø°Ù‰ Ø§Ù„Ù…ØªÙŠØ§Ø²Ø§Ø" Ù„Ù„Ù…ØÙˆÙ„Œ Ø§Ø Ù„Ù„Ø¥Ø¹Ø¯Ø§Ø¯ Ø§

Ø´Ø§Ù‡Ø¯ Ù…Ù‚Ø·Ø¹ Ù�ÙŠØ¯ÙŠÙˆ ÙŠØªØ¹Ù„Ù‚ Ø¨Ù‡Ø°Ø§ Ø§Ù„Ù…Ù…Ø§Ø±Ø©...

Ø§Ù†Ù‚Ø± Ù‡Ù†Ø§ Ù„Ø¹Ø±Ø¶ Tech Talks (Ø§Ù„Ù…ØØ§Ø¯Ø«Ø§Øª Ø§Ù„ØªÙ‚Ù†ÙŠØ©) Ø§Ù„Ø£Ø®Ø±Ù‰ Ù…Ù† Cisco

حول هذه الترجمة
ترجمت Cisco هذا المستند باستخدام مجموعة من التقنيات الآلية والبشرية لتقديم محتوى دعم للمستخدمين في جميع أنحاء العالم بلغتهم الخاصة. يُرجى ملاحظة أن أفضل ترجمة آلية لن تكون دقيقة كما هو الحال مع الترجمة الاحترافية التي يقدمها مترجم محترف. تخلي Cisco Systems مسئوليتها عن دقة هذه الترجمات وتُوصي بالرجوع دائمًا إلى المستند الإنجليزي الأصلي (الرابط متوفر).