**Support**

**Contact Qualys Support**
At Qualys we are committed to providing customers and partners with the highest quality service on all technical and account related questions. Our dedicated staff of Security Engineers are specialized in network security to assist customers quickly and effectively—24 hours a day, seven days a week by telephone, email, and the web.

US and Canada 1 (866) 801 6161  
Europe/International +33 (0) 1 44 17 00 41  
Support e-mail support@qualys.com  
Web site www.qualys.com/support

**Understanding Messages**
During operation, the Scanner Appliance reports the following errors in the Scanner Appliance user interface (LCD display and Remote Console).

<table>
<thead>
<tr>
<th>Error Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Activation Code</td>
<td>At startup, the Scanner Appliance failed to make a connection to the Qualys Cloud Platform and the Scanner Appliance has not been activated yet. Please activate the Scanner Appliance as described in the Quick Start.</td>
</tr>
<tr>
<td>Network Error</td>
<td>At startup, the Scanner Appliance failed to make a connection to the Qualys Cloud Platform. This message may appear because you need to enable additional configurations, such as a static IP address and/or Proxy support.</td>
</tr>
<tr>
<td>Communications Failure</td>
<td>A network communication error occurred when the appliance tried to poll the Qualys Cloud Platform during normal operation. This error can occur only after successful completion of the Quick Start.</td>
</tr>
</tbody>
</table>

See the Qualys Scanner Appliance User Guide for information on the available configurations options and setup steps. See the Troubleshooting section for help with resolving any errors.

**Before You Begin**
You can easily install the Scanner Appliance on your network in minutes by following the 3-step Quick Start. Please review your Starter Kit package contents before you begin. The Scanner Appliance includes a user interface for configuration and management. Users may choose to use the LCD display and keypad or the optional Remote Console interface for remote access via a VT100 terminal, such as Windows HyperTerminal.

**Check Package Accessories**
Your Starter Kit package should contain these components:

- User Guide
- AC power cord
- CAT6 cable
- USB-to-RS232 converter cable for Remote Console
- Rack screws (4) - 10-32 x 3/4", Phillips, black matte, with washer

If any components are missing or damaged, please contact Qualys Support.

**Review Network Requirements**
The Scanner Appliance has the following network requirements.

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outbound HTTPS Access</td>
<td>Your local network must be configured to allow outbound HTTPS (port 443) access to the Internet, so that the Scanner Appliance can communicate with the Qualys Cloud Platform.</td>
</tr>
<tr>
<td>Accessibility of Target IPs</td>
<td>The IP addresses for the hosts to be scanned must be accessible to the Scanner Appliance. This is particularly important if your network is designed with VLANs.</td>
</tr>
<tr>
<td>Bandwidth</td>
<td>Minimum recommended bandwidth connection of 1.5 megabits per second (Mbps) to the Qualys Cloud Platform.</td>
</tr>
<tr>
<td>DHCP or Static IP</td>
<td>The Scanner Appliance is pre-configured with DHCP. If you wish to configure with a static IP address, be sure you have the IP address, netmask, default gateway, and primary DNS.</td>
</tr>
<tr>
<td>Proxy Support</td>
<td>Proxy support is available with or without authentication—basic or NTLM. The Proxy server must be assigned a static IP address and must allow transparent SSL tunneling.</td>
</tr>
</tbody>
</table>
**Power On the Scanner Appliance**

1. Connect the AC power cord into the power socket.
2. Press the power button on the back panel. Be sure that the power button has a green backlight.
3. **WELCOME TO QUALYS** appears in the Scanner Appliance user interface followed by other informational messages during the boot process which takes approximately two minutes.
4. Check the message indicating the activation status of the Scanner Appliance:
   - **ACTIVATION CODE** – The Scanner Appliance has not been activated.
   - **FRIENDLY NAME/IP ADDRESS** – The Scanner Appliance has been activated. Now you are ready to start scanning. Go to “Getting Started with Scanning.”

You’ll see a network error if the Scanner Appliance did not make a successful connection to the Qualys Cloud Platform. This issue must be resolved.

5. When the **ACTIVATION CODE** message appears, make yourself a note of the activation code for the Scanner Appliance. A unique activation code is assigned to each Scanner Appliance. Then go to **STEP 3**.

Note: If the Remote Console will be used, it may be necessary to press the ENTER key on the VT100 terminal’s keyboard to display the Remote Console interface.

**Proper Shutdown**

Just go to the LCD display on the front panel. Press the down arrow until **SYSTEM SHUTDOWN** appears, and then press ENTER. When you see **REALLY SHUTDOWN SYSTEM? press ENTER**, you’ll notice the Scanner Appliance lights and LEDs are turned off. Then you can safely disconnect the power supply.

Don’t want to use the LCD interface? No problem, you can press the power button on the back panel instead.

**Setup Network Connection**

The Scanner Appliance connects like any other computer to a switch on your network. To setup the network connection, follow these steps:

1. Connect one end of the Ethernet cable to the Ethernet LAN port on the back of the Scanner Appliance.
2. Connect the other end of the Ethernet cable to a 10BASE-T or 100BASE-TX or 1 Gigabit switch on your network.

**Remote Console Setup (optional)**

The Remote Console interface supports remote configuration of the Scanner Appliance using a VT100 terminal, such as Windows HyperTerminal. To setup the Remote Console, follow these steps:

1. Be sure your terminal server is up and running. These settings are required:
   - **BITS PER SECOND**: 9600
   - **DATA BITS**: 8
   - **STOP BITS**: 2
   - **FLOW CONTROL**: None
   - **PARITY**: None
   - **TERMINAL EMULATION**: VT100
2. Connect one end of the USB-to-RS232 converter cable to a USB port on the Scanner Appliance (back panel).
3. Connect the other end of the USB-to-RS232 converter cable to your terminal server via network cable.

**Get Started with Scanning**

We recommend our Quick Start Guide to help you get started with your scans. Don’t see this when you log in to Qualys? Just click your user name (top menu bar, to the right) and select Quick Start Guide from the menu.

See also the Qualys Quick Tour. Go to Help ➞ Resources to download.

Online help is always available to assist you. You can select Help ➞ Online Help any time.