



Examinet User Guide

XO Hosted PBX

Document version: 2.0

Issue date: 12 Jul 2013



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About this Document

This document explains how to use Examinet. Use this document to guide you through the process of using Examinet to assess your existing network infrastructure.

What is Examinet?

Examinet is a test tool. It simulates some of the traffic that a communications service such as XO Hosted PBX would use and observes your network's response. The amount of data generated by Examinet is very small, and it is safe to run at any time. In fact, best practice dictates that you run Examinet at your busiest time of day so that the tool gathers the most realistic results. Examinet takes about ten minutes to download and run.

System requirements

You will need a PC running Windows XP or later, connected to the LAN via an Ethernet cable, not a wireless connection. The PC must have Java JRE version 6 or later installed. Visit the Java website ([link](#)) and follow the instructions labeled "Do I have Java?" to verify if you are uncertain.

Your organization may have policies that restrict the use of Java. Contact your local IT administrator if you are unsure. Java is only required for the duration of the Examinet test and can be uninstalled after use if required. It is not required for Hosted PBX.

Getting Started

After you have agreed with your XO representative to run Examinet, an automatic email will be sent to your account containing brief instructions and a link to download the test file. Figure 1 shows an example.



Please do not reply to this Email, which was automatically generated from an online system. The system will not read replies to this Email address. Instead, if you have any questions or require further assistance, please call the designated, toll-free telephone number that appears on your monthly XO invoice or go to: <http://www.xo.com/hostedpbxsupport>.

Hello Shriman Gurung,

This is a request for you to run ExamiNet on your network for the prequalification of VoIP services.

ExamiNet is a VoIP readiness assessment application that will conduct a series of basic network tests, the results of which will be used to identify potential network issues that should be addressed before VoIP service can be supported on your local area network. The tests performed generate nominal low level network traffic, and the results of the test are securely stored for review by our technical staff.

The information generated from these tests is used for the sole purpose of determining your network's ability to support VoIP services and is made available only to your authorized service representatives and our technical support staff.

In order for the results of these tests to be relevant for the support of VoIP services, the host computer on which these test are being conducted must be connected to the same local area network on which you intend to have VoIP services applied.

Your use of ExamiNet has been restricted to 3 successful executions of the test suite, after which the access link below will expire. If further testing cycles are required please contact your service representative for additional access. To run ExamiNet on your network, click the following link:

<https://examinet.xo.bizcommservices.com/examinet/client.jsp?rid=1373641353694>



Figure 1: Sample auto-generated email inviting user to download Examinet

Tip: If you have multiple sites in your organization, use a separate email address (user) for each site.

Click on the link at the bottom of the email and save the resulting file, “`examinet.jnlp`”, to your PC.

Running Examinet

After a few seconds, you'll see a screen like Figure 2. If you do not see this screen, retest your Java installation using the instructions in the *System Requirements* section of this document.

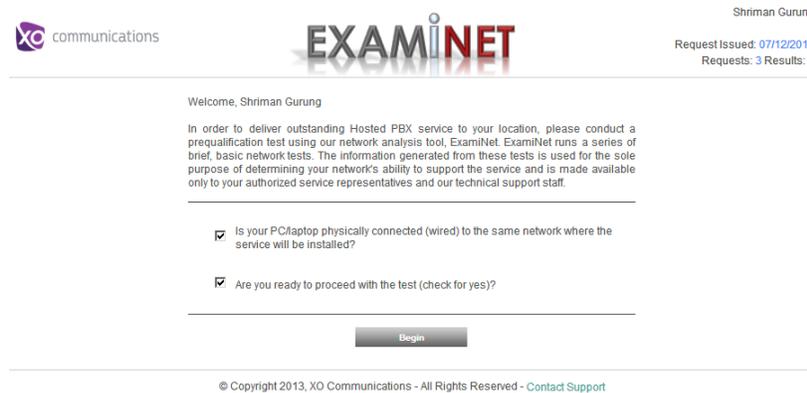


Figure 2: Examinet screen before testing initiated

Depending on how your browser and Java are configured, you may be prompted to download a file, `examinet.jnlp`, which you should do. Then, close all other programs and double-click on the `examinet.jnlp` file to start Examinet. Alternatively, your browser may automatically download and run the file without any intervention on your part. In either case, the file is a set of instructions to your Java installation to run an applet within your web browser. Accept any prompts to run it. You can safely ignore any warnings about the certificate having expired.

Click on the *BEGIN* button to start the test. As the tests run, the interface will update to show status. Figure 3 is an illustration.

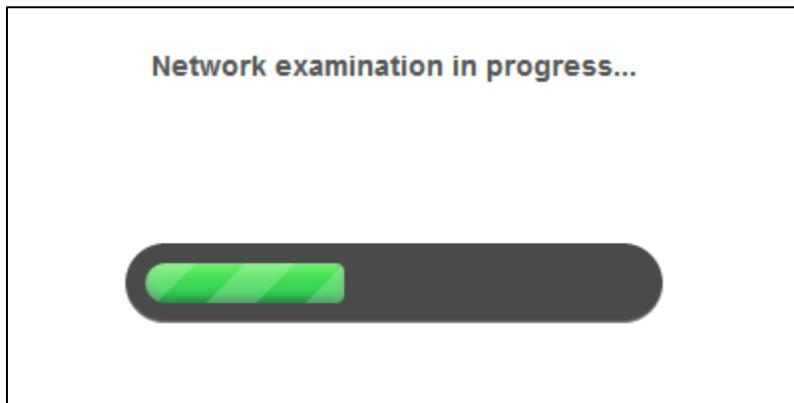




Figure 3: Examnet screen during testing

When the test is complete, the status line will read “Examination Complete”, as shown in Figure 4.

Examination Complete

Results: 1373641353694-1

Basic Network Services:

DHCP:	<input checked="" type="checkbox"/> Passed	About Test
DNS:	<input checked="" type="checkbox"/> Passed	About Test
Firewall:	<input checked="" type="checkbox"/> Passed	About Test

Advanced Network Characteristics [Primary]:

Bandwidth:	<input checked="" type="checkbox"/> Passed	About Test
Route:	<input checked="" type="checkbox"/> Passed	About Test
Jitter:	<input checked="" type="checkbox"/> Passed	About Test
Latency:	<input checked="" type="checkbox"/> Passed	About Test
PacketLoss:	<input checked="" type="checkbox"/> Passed	About Test

Advanced Network Characteristics [Secondary]:

Bandwidth:	<input checked="" type="checkbox"/> Passed	About Test
Route:	<input checked="" type="checkbox"/> Passed	About Test
Jitter:	<input checked="" type="checkbox"/> Passed	About Test
Latency:	<input checked="" type="checkbox"/> Passed	About Test
PacketLoss:	<input checked="" type="checkbox"/> Passed	About Test

Run Test Again?

Figure 4: Interface after testing is complete

Close your web browser to exit the tool.

What happens next?

Examnet automatically uploads its results to XO, allowing your XO representative to review the results with you.

Be aware that a “pass” from Examnet does not automatically mean that your network is ready to run VoIP. Conversely, if Examnet reports an issue, do not assume that your network cannot support it. Your XO team will work with you to



establish what your LAN can support and design a solution accordingly. Please refer to the *XO Hosted PBX LAN Planning Guide* for more information.

Revision History

Date	Version	Author	Details
27 Mar 2013	1.00	Gurung	First release.
27 Mar 2013	1.01	Gurung	Updated screenshots.
28 Mar 2013	1.02	Gurung	Added notes on Java following internal review.
05 Jul 2013	2.0	Gurung	Updated for Rialto R13 release with new UI

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