

Firewall and White List Information

This information covers nearly all destinations VTS will need to communicate with to give exams

The following ports, IPs, and domains are required for VTS to function:

We use Ports 443 and 80

Ports 80 and 443 must be open for full outbound traffic, with no packet filtering.

Ports 443 and 2488 must also be open internally between the server and the deliveries for the site services agent to run.

Allow test center traffic to the following if you have an internal/corporate firewall or web filter. Do not remove any existing firewall or web filter rules.

- Unrestricted access to http://*.pearsonvue.com and https://*.pearsonvue.com
- IP range 13.89.111.144/28 (13.89.111.144 - 13.89.111.159) / ports 80 and 443
- IP range 52.177.91.16/28 (52.177.91.16 - 52.177.91.31) / ports 80 and 443

The Gatekeepers work on SLL technology in a round robin configuration. No one IP address remains up continuously.

The other IPs outside of the gatekeeper for the Host.p12 to authenticate to are as follows:

Server: bgtmndcncsp2.ncsp.peroot.com

Address: 159.182.250.198

Name: caic1-dmz.pearsonvue.com

Address: 159.182.111.175 159.182.111.150

Aliases: crl.pearsonvue.com, <https://vtssoftware-vue.pearson.com>

Unrestricted access to http://*.pearson.com , https://*.pearson.com, http://*.pearsonvue.com, & https://*.pearsonvue.com

Below are the network requirements for delivering A-BE/IBT exams:

This information is only used for sites giving online exams such as Microsoft, CompTIA, FSOT.

Port 443 (HTTPS) – open continuous, unrestricted connection

IP range 159.182.0.0/16 open

For A-BE exams running through AWS:

52.214.248.160

US East - testdelivery-hs-prd-1.pearsonvue.com / 52.5.238.233

Ireland - testdelivery-hs-prd-2.pearsonvue.com / 52.214.248.160

US West - testdelivery-hs-prd-3.pearsonvue.com / 34.216.43.69

Port 80 TCP

443 TCP

Allow ping (ICMP)

Unrestricted access to http://*.pearson.com , https://*.pearson.com, http://*.pearsonvue.com, & https://*.pearsonvue.com

Pearson Strongly Recommends avoiding network configurations involving Proxy Servers, Advanced Firewall Security Configurations and other network security measures, including, but not limited to: Packet Filtering or Packet Inspection. These advanced security configurations are known to cause moderate to severe degradation in test delivery performance

To test the test center connectivity to AWS cluster, please open the following link at the center <https://testdelivery-hs-prd-2.pearsonvue.com/Minerva/version> ITS Connectivity

64.27.100.27

64.27.64.232

64.106.193.0/24

64.106.220.0/24

206.188.17.0/24

191.232.139.0/24 - Akamai/Microsoft

The following Domains have been approved and given unrestricted access:

http://*.starttest.com

https://*.starttest.com

http://*.starttest2.com

https://*.starttest2.com

http://*.startpractice.com

https://*.startpractice.com

http://*.programworkshop.com

https://*.programworkshop.com

NOTE - Sometimes it works better on certain systems if you add them in one of these fashions:

(1) <http://starttest.com>

(2) <http://starttest2.com>

(3) *.starttest.com*

(4) *.starttest2.com*

(5) *.programworkshop.com*

GIAC:

Port: 443

IP Addresses:

66.35.45.207

66.35.45.113

66.35.45.114

204.51.94.105

204.51.94.106

204.51.94.203

204.51.94.111

Oracle:

64.27.64.232

Port 443, 80

www.starttest*.com

VM Ware:

Port 443

Certification.vmware.com

Kaplan:

Port 80

Jasper.kaptest.com

KBR:

Port 443

www.selectionsage.com

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<https://pearson.makekb.com/entry/18/>