BMC Virtual Instructor Led Training (VILT)

Frequently Asked Questions – May 2020

BMC Education Services

BMC Education Services delivers virtual instructor led training using state-of-the-art Web/VoIP technology to provide a highly engaging and interactive training experience.

Review this document to obtain details for system requirements, performing labs, and testing your connectivity.

Before attending a VILT we recommend you to:
1. Ensure that you meet the minimum system requirements
2. Have a headset
3. Run the recommended connectivity tests

How Will I Receive My Course Materials for this class?

BMC Education Services in partnership with Gilmore Global is pleased to provide access to eBooks (online viewable course material).

eBooks can be viewed on multiple devices (two PC and two mobile devices are allowed). Other features include easily searchable full-color content with note-taking and highlighting capability.

- Prior to the class start date students will receive from Gilmore Global an email containing their eBook license code
- Refer to the eBooks support and FAQ information at:  
  - [http://evantagesupport.gilmoreglobal.com/](http://evantagesupport.gilmoreglobal.com/)
- Other eBook resources include How To videos available at:

*Printed (paper) books will not be distributed*

- Print books can be purchased for a fee (.50 Learning Pass Credits or monetary equivalent) by contacting BMC directly at [education@bmc.com](mailto:education@bmc.com)

Computer Specification Requirements

Your computer must meet the **following minimum specifications:**

4. **Windows**

- Internet Explorer 11 (32/64-bit)
- Latest Firefox
- Latest Google Chrome (32-64bit)
- JavaScript and cookies enabled
- Java isn’t required for Mozilla Firefox and Google Chrome users
- Intel Dual-Core CPU 2.XX GHz or AMD processor (2 GB of RAM recommended)

5. **Mac OS X 10.13, 10.14, 10.15**

- Safari 11 or later
- Latest Firefox
- Latest Google Chrome
- JavaScript and cookies enabled on browsers
- Oracle Java 6 to Oracle Java 8
- Intel CPU-based (2 GB of RAM minimum)

6. **Linux** (Web App)

- Ubuntu 14.x, Fedora 18, 16, RedHat 6, OpenSuSE 13.x, Debian 8.x
- Latest Google Chrome (32-64bit)
- Latest Firefox
- JavaScript and cookies enabled on browsers
- Oracle Java 6 to Oracle Java 8, libstdc++ 6.0, GNOME/KDE windowing system
- Intel or AMD x86
Are Headsets Required to Attend the Training?

Yes, a headset is required for this learning modality.

Note: BMC does not provide headsets. It is the responsibility of the student to provide their own headset.

How can I ensure I won’t have technical difficulty?

We strongly recommend completing the following WebEx and online lab setup connectivity tests well in advance of your training event. The connectivity tests are quick and easy.

How do I perform the WebEx connectivity tests?

Please conduct all tests using the same computer that will be used for the training event.

a. To perform the WebEx connectivity test:
   a. Test your network bandwidth
      i. From a Web browser, access: https://mediatest.webex.com/#/main
   b. Test your browser:
      a. From a Web browser, access: https://www.webex.com/test-meeting.html
         i. Enter your name and email address, then click Join.
      ii. A WebEx meeting session will launch.
   c. Note: If you experience difficulty, please refer to:
      Or Contact
      b. WebEx Technical Support at 1-866-229-3239
   d. To ensure traffic to and from the WebEx domain is routed appropriately through your firewall and/or proxy servers, please review the below settings and make the appropriate changes to your local configuration, or forward to your network administration team.
      a. World Wide URL Domain exception = *.Webex.com
         USA IP exception = 64.68.96.0 to 64.68.127.255 and 66.114.160.0 to 66.114.175.255
         USA CIDR exception = 64.68.96.0/19 and 66.114.160.0/20
      b. Outside of the United States
         IP Exception = 62.109.200.0 to 62.109.201.255 and 210.4.200.0 to 210.4.201.255
         CIDR exception = 62.109.201.0/23 and 210.4.201.0/23
      c. For proxy servers, we ask that WebEx sites are not cached (content, IP-path)
      d. Ports need to open to client (internet), per the following table (Table 1)

<table>
<thead>
<tr>
<th>TCP</th>
<th>80</th>
<th>Client Access</th>
<th>TCP</th>
<th>443</th>
<th>Client Access</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCP</td>
<td>8554</td>
<td>Audio Streaming Client Access</td>
<td>UDP</td>
<td>7500</td>
<td>Audio Streaming</td>
</tr>
<tr>
<td>UDP</td>
<td>7501</td>
<td>Audio Streaming</td>
<td>UDP</td>
<td>9000</td>
<td>VoIP/Video</td>
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<tr>
<td>UDP</td>
<td>9001</td>
<td>VoIP/Video</td>
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</table>

How do I perform the online lab connectivity tests?
BMC utilizes a virtual lab environment. Please complete the connectivity test well in advance of your training event.

**Axis ReadyTech Labs**

1. Use any browser to verify that you can access the below webpage
   - a. [https://axis.readytech.com/#/seat-login](https://axis.readytech.com/#/seat-login)
   - b. If you are unable to access the URL (https://axis.readytech.com/#/seat-login) please contact your IT team and check if the firewall is blocking the URL. If yes, request your IT team to whitelist *.readytech.com

2. Use any browser to verify that you can access the below webpage
   - a. [https://matchmaker.readytech.com/](https://matchmaker.readytech.com/)
   - b. If you are unable to access the URL (https://matchmaker.readytech.com/) please contact your IT team and check if the firewall is blocking the URL. If yes, request your IT team to whitelist *.readytech.com
   - c. If you can see the screens as above, Congratulations!!! You will be able to successfully connect to the remote lab environment. Else please contact ReadyTech support as mentioned on step 5 of the Tips and Tricks section below.

**Tips and Tricks**

1. Please ensure to perform the above tests from the same network from where you plan to attend the course/perform the lab exercises.
2. Sometimes your office network/VPN may block lab connection, so please ensure to check with your IT team to whitelist *.readytech.com
3. At any time, you can also verify the connectivity speed to the Microsoft AZURE datacentre by visiting the following website i.e. [http://www.azurespeed.com](http://www.azurespeed.com)
4. You may choose the following datacentre depending on your class location.

<table>
<thead>
<tr>
<th>Region</th>
<th>Closest Datacentres</th>
</tr>
</thead>
<tbody>
<tr>
<td>Americas</td>
<td>West US2 (Washington)</td>
</tr>
<tr>
<td>EMEA/Europe</td>
<td>West Europe (Netherlands)</td>
</tr>
<tr>
<td>APAC</td>
<td>Southeast Asia (Singapore), West India (Mumbai)</td>
</tr>
</tbody>
</table>

5. For any further assistance you may connect with ReadyTech support by clicking on the Contact Us link on the [https://axis.readytech.com/#/seat-login](https://axis.readytech.com/#/seat-login) page.
ReadyTech Labs

1. Check connectivity – virtual lab (ReadyTech):
   a. Access the portal with web address: [https://bmc.instructorled.training/precheck](https://bmc.instructorled.training/precheck)
   b. Select the appropriate Data Center or keep US data center as default. Click on Start.
   c. Complete the test and verify the result to ensure that you have sufficient bandwidth for optimum performance.
   d. In the event you do not have sufficient bandwidth, please try the test again from another location. You must ensure you have sufficient bandwidth.
e. Access Online Help using the link below. On the left side of the page, Click “View Now” for a step-by-step video.
https://bmc.instructorled.training/support
f. If your internet has issues running through a proxy server your IT Department might need to allow you access.

During class, your instructor will provide the necessary lab access codes.

ReadyTech Support Details:

<table>
<thead>
<tr>
<th>ReadyTech 24x7x365 Support</th>
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<tbody>
<tr>
<td>Email - <a href="mailto:get-support@readytech.com">get-support@readytech.com</a></td>
</tr>
<tr>
<td>Live Chat – Support.hostedtraining.com</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Phone</th>
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</thead>
<tbody>
<tr>
<td>Americas: +1-510-834-3344</td>
</tr>
<tr>
<td>US Toll Free: +1-800-707-1009</td>
</tr>
<tr>
<td>APAC: +61-291-916448</td>
</tr>
<tr>
<td>EMEA: +31-858-880632</td>
</tr>
</tbody>
</table>

How do I communicate with the instructor?

WebEx uses VoIP technology to process the audio portion of the class. If you plan to take this class from your place of business, please make sure your business environment supports VoIP technology. If you are not sure, you can contact your organization’s network department to find out. A listing of the specific network ports used by the WebEx VoIP technology is provided in Table 1: Ports Open to Client (Internet), in this FAQ document. The port information applies to corporate networks only and does not apply to students taking the class from home.

If you are planning to take the class from home, most Internet Service Providers (ISPs) support VoIP technology. Please contact your particular provider if you are not sure or have questions regarding your service.

If VoIP is not supported in either environment, the result will be limited interaction between instructor and student. You as the student will be able to hear the instructor speak, but your communication to the instructor will be limited to a chat window.

About BMC

BMC helps customers run and reinvent their businesses with open, scalable, and modular solutions to complex IT problems. Bringing both unmatched experience in optimization and limitless passion for innovation to technologies from mainframe to mobile to cloud and beyond, BMC helps more than 10,000 customers worldwide reinvent, grow, and build for the future success of their enterprises.

BMC – Run and Reinvent www.bmc.com