

KMC
CONTROLS
Ethernet
Capable
Devices



KMC CONTROLS TB240912A Gen6 Devices Ethernet Capable Devices Instructions

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KMC CONTROLS TB240912A Gen6 Devices Ethernet Capable Devices



ISSUE

KMC Conquest Gen6 Ethernet/IP-capable devices (such as the BAC-5051AE router and BAC-5901ACE general purpose controller) use self-signed certificates for security when accessing their served web pages. Current web browsers will display a warning message when attempting to access a KMC Gen6 device's served web pages if there is no security certificate present. Device web pages will be slower than usual to open due to security. Monitor the progress activity indicator on the browser tab.

SOLUTIONS

To access a Gen6 "-E" device's served web pages without the warning pop-up message from the browser, choose one of the following methods.

Usage Instructions

Proceed by Initial Log In

Note: The following steps use Google Chrome as an example. Follow equivalent steps in other browsers.

1. Enter the IP address in the browser. A message stating that the connection is not private will appear. The browser will also show "Not Secure" in the URL field until a signed certificate is installed on the PC and in the device.
2. Click Advanced or similar to proceed.
3. Click Proceed to 192.168.1.251 (unsafe) or the configured IP address of the device.
4. In the Log In dialog box, type the user name and password. The web served pages will be accessible with no browser warning from now on until one of the following occurs:
 - The browser cache is cleared.
 - The security certificate is updated.
 - The firmware is updated.
 - The IP address of the device is changed from what is in the certificate. Follow steps 1-4 during each initial log in after performing one of the above procedures.

Proceed by Downloading a Customer's Certificate

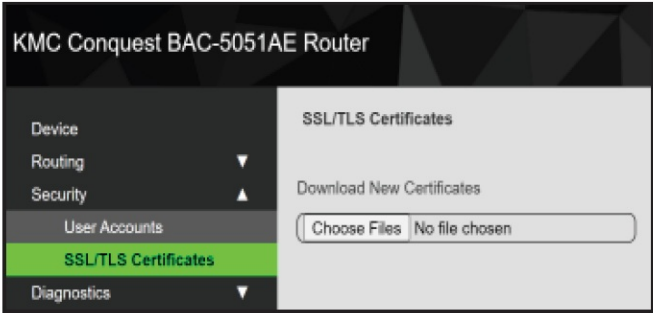
The customer's certificate can be downloaded to the device via the SSL/TLS Certificates web option on the

device's served web pages by doing the following.

1. Log in to the device's served web pages as in steps 1-4 above.
2. In the navigation column on the left side of the served web pages' Home screen, click Security.



3. From the drop-down menu, click SSL/TLS Certificates.



Note: Certificate and key files must meet the following criteria.

- No chained certificates
- No encrypted keys
- RSA length must be 1,024 bits or less.
- Certificate total file size must be 4,096 bytes or less.
- Key total file size must be 4,096 bytes or less.

Note: Contact KMC Technical Support if you have questions regarding certificate generation.

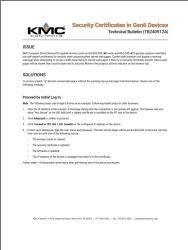
4. In the Download New Certificates box, click Choose Files.
5. Browse to the location of the certificate file and click Open to select it.
6. In the Certificate found... dialog box, click OK.
7. In the Download New Certificates dialog box, click Choose Files.
8. Browse to the location of the key file and click Open to select it.
9. In the Commit Download? dialog box, click Commit.
10. In the Change Requires a Restart dialog box, click OK.

SUPPORT

Additional resources for installation, configuration, application, operation, programming, upgrading, and more are available on the web at www.kmcccontrols.com. To see all available files, log-in to the KMC Partners site.

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Documents / Resources

	<p>KMC CONTROLS TB240912A Gen6 Devices Ethernet Capable Devices [pdf] Instructions BAC-5051AE, BAC-5901ACE, TB240912A Gen6 Devices Ethernet Capable Devices, TB240912A, Gen6 Devices Ethernet Capable Devices, Devices Ethernet Capable Devices, Eth ernet Capable Devices, Capable Devices, Devices</p>
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References

-  [KMC Controls | Building Automation and Control Solutions](#)
- [User Manual](#)

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