



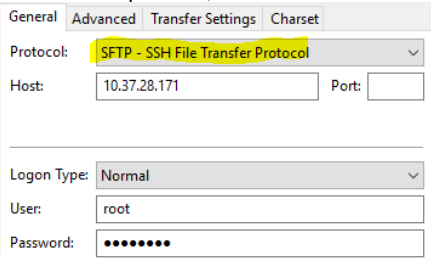
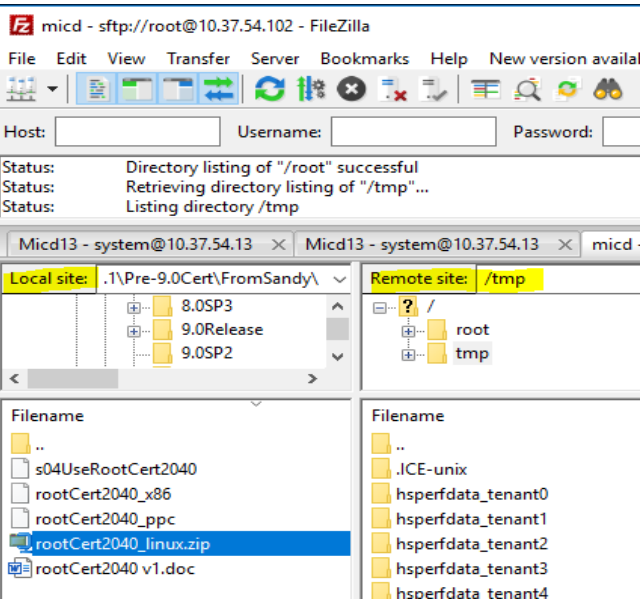
MiVoice Business Security Certificate Update – Patch Update Instructions

OLD Process

Manual Update Procedure for ISS, vMiVB, MIVBx, MXe Server, Stratus Systems

Preparation:

- Download the **rootCer2040_linux.zip** update from software download center.
- RTC shell access (Require Putty or similar application to establish SSH session to MSL based server).
- WinSCP or SFTP application for transferring rootCer2040_linux.zip in BINARY mode.

| | |
|--------|--|
| Step 1 | <p>WinSCP or SFTP rootCer2040_linux.zip to the /tmp folder of MSL based server in Binary mode</p> <p>You can use your preferred SFTP application such as WinSCP. If you are not familiar, you can use the instructions using FileZilla application</p> <p>To establish SFTP session to the controller: Launch FileZilla application > File > Site Manager Select SFTP protocol, enter IP address of controller and log in as root user</p>  <p>To transfer rootCer2040_linux.zip to the /tmp folder On the local site (left), navigate to the folder in which rootCer2040_linux.zip is located On the remote site(controller), change to /tmp folder</p> <p>Select rootCer2040_linux.zip, right-click and select Upload to /tmp folder</p> <p>Note: Make sure the transfer option is in binary mode</p>  |
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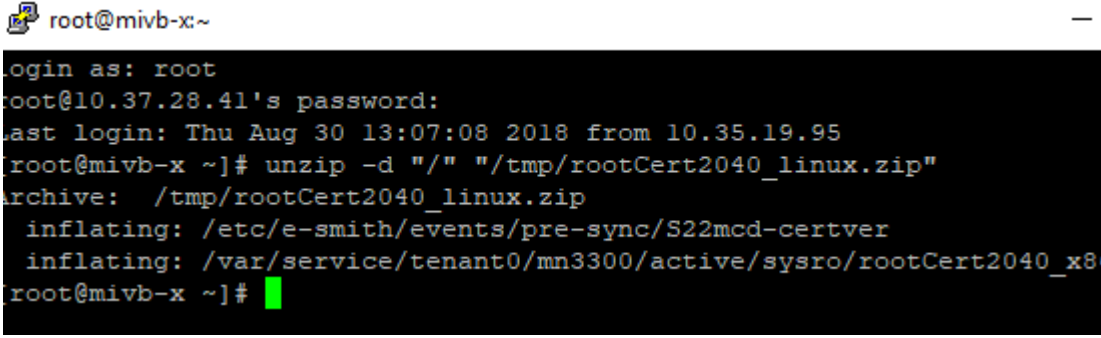
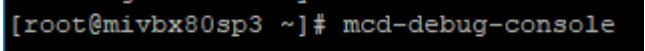
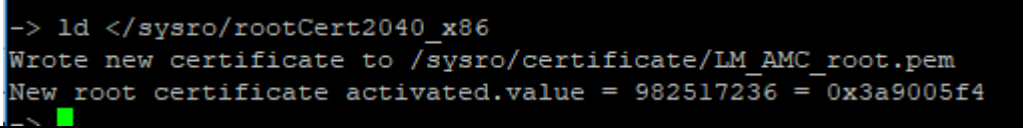
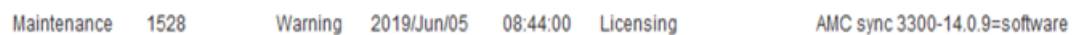
| Step 2 | To establish SSH session to MSL based server and then unzip rootCer2040_linux.zip | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------------|---|-------------|-------------|----------|-------------|-------------------------------|-----------|-------------------------------|----------|---------|----------------|------------|----------|---------|----------------|----------------------------|---------------------|----------------------------|-------------------|--------------------------------|----------------|----------|----------------|------------|--------------------------|---------------------------------|
| | <p>Launch Putty to establish SSH session to MSL based server and login as root user Type: unzip -d "/" "/tmp/rootCer2040_linux.zip"</p> <pre> root@mivb-x:~ login as: root root@10.37.28.41's password: last login: Thu Aug 30 13:07:08 2018 from 10.35.19.95 root@mivb-x ~]# unzip -d "/" "/tmp/rootCer2040_linux.zip" Archive: /tmp/rootCer2040_linux.zip inflating: /etc/e-smith/events/pre-sync/S22mcd-certver inflating: /var/service/tenant0/mn3300/active/sysro/rootCer2040_x86 root@mivb-x ~]# </pre> | | | | | | | | | | | | | | | | | | | | | | | | | |
| Step 3 | To install the new certificate on RTC shell | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <p>To access RTC shell (from step2), type: mcd-debug-console</p> <pre> [root@mivbx80sp3 ~]# mcd-debug-console </pre> <p>On RTC shell (with ->prompt), type: ld </sysro/rootCer2040_x86 Tip: If you do not see -> prompt, press Enter.</p> <pre> -> ld </sysro/rootCer2040_x86 Wrote new certificate to /sysro/certificate/LM_AMC_root.pem New root certificate activated.value = 982517236 = 0x3a9005f4 </pre> | | | | | | | | | | | | | | | | | | | | | | | | | |
| Step 4 | To perform AMC sync to update ARID and/or GARID with the newly installed certificate | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <p>4a> Launch ESM > License and Options Selection Form, click Change, click Retrieve License to perform AMC sync, then click SAVE. 4b> For GRAID if applicable, access the Application Group Licensing form, click Change, click Save.</p> | | | | | | | | | | | | | | | | | | | | | | | | | |
| Step 5 | To validate if the new certificate is in use after AMC sync. | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <p>5a> View ESM maintenance logs and verify that the software version has “.9” appended to the current system’s software version. “xx.9” confirms that new certificate is in use after AMC sync.</p> <table border="1" data-bbox="288 1400 1380 1451"> <tr> <td>Maintenance</td> <td>1528</td> <td>Warning</td> <td>2019/Jun/05</td> <td>08:44:00</td> <td>Licensing</td> <td>AMC sync 3300-14.0.9=software</td> </tr> </table> <p>5b> (optional) View the ARID/GRID record in AMC to confirm that “.9” is appended to software version.</p> <p>Software Version : <table border="1" data-bbox="288 1552 1125 1624"> <tr> <th>Software</th> <th>Version</th> </tr> <tr> <td>3300 ICP / MCD</td> <td>MiVB 8.0.9</td> </tr> </table></p> <p>For ULM record, AMC displays .9 version as follows:</p> <table border="1" data-bbox="288 1702 1013 1937"> <thead> <tr> <th>Software</th> <th>Version</th> </tr> </thead> <tbody> <tr> <td>MBG: Web Proxy</td> <td>MiVoice Border Gateway 9.4</td> </tr> <tr> <td>Teleworker Solution</td> <td>MiVoice Border Gateway 9.4</td> </tr> <tr> <td>NuPoint Messenger</td> <td>NuPoint Unified Messenger v8.0</td> </tr> <tr> <td>3300 ICP / MCD</td> <td>MiVB 8.0</td> </tr> <tr> <td>3300 ICP / MCD</td> <td>MiVB 8.0.9</td> </tr> <tr> <td>Mitel Applications Suite</td> <td>Suite Applications Services 7.2</td> </tr> </tbody> </table> | Maintenance | 1528 | Warning | 2019/Jun/05 | 08:44:00 | Licensing | AMC sync 3300-14.0.9=software | Software | Version | 3300 ICP / MCD | MiVB 8.0.9 | Software | Version | MBG: Web Proxy | MiVoice Border Gateway 9.4 | Teleworker Solution | MiVoice Border Gateway 9.4 | NuPoint Messenger | NuPoint Unified Messenger v8.0 | 3300 ICP / MCD | MiVB 8.0 | 3300 ICP / MCD | MiVB 8.0.9 | Mitel Applications Suite | Suite Applications Services 7.2 |
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New Process

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| | |
|--------|---|
| Step 1 | Launch Putty to establish SSH session to MSL based server and login as root user |
| Step 2 | Type: <code>wget -o rootCer2040_linux.zip https://bit.ly/mitelcert</code> |
| | Type: <code>unzip -d "/" "/tmp/rootCer2040_linux.zip"</code>  |
| Step 3 | To install the new certificate on RTC shell |
| | To access RTC shell (from step2), type: <code>mcd-debug-console</code>  On RTC shell (with ->prompt), type: <code>ld </sysro/rootCer2040_x86</code> Tip: If you do not see -> prompt, press Enter.  |
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| | 5a> View ESM maintenance logs and verify that the software version has “.9” appended to the current system’s software version. “xx.9” confirms that new certificate is in use after AMC sync.  |

5b> (optional) View the ARID/GRID record in AMC to confirm that “.9” is appended to software version.

Software Version :

| Software | Version |
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| 3300 ICP / MCD | MiVB 8.0.9 |

For ULM record, AMC displays .9 version as follows:

| Software | Version |
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