

Logging On to EMA in Platform Mode

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The EMA Platform is bundled with the ConnexIP OS package and is accessible through configured host management interfaces. This application is available from a port (port 444) different from the default EMA service port. The EMA Platform handles activities like SBC application installation and upgrade as well as host troubleshooting, and contains other OS utilities.

Following are the prerequisites to use your PC to launch the EMA Platform:

- The PC must support Windows XP or later
- The PC must support one of the following browsers:
 - Internet Explorer (IE): Versions 9, 10, and 11
 - Mozilla Firefox: Version 31 and above
 - Google Chrome: Version 32 and above
- The PC must be installed with OpenJDK Runtime Environment 6 update 19 or later to support the OpenJDK console

Note

The SBC is delivered with sample self-signed X.509 certificates. Please be aware that even though these sample certificates will allow you to use HTTPS to access the SBC from EMA Platform, BMC and EMA interfaces, using this protocol with the sample certificates is not a truly secure access method. If your organization requires a more secure access, refer to [Uploading New SSL Certificates using BMC](#) for instructions on uploading replacement SSL certificates to meet your organization's security requirements.

Use the following procedure to launch the EMA Platform in one of two ways:

- a. From the BMC GUI
- b. From a Web browser – Enter `https://<mgtport_ip>:444` in a Web browser, where `<mgtport_ip>` is the management port IP address.

Note

The BMC GUI is not applicable to the SBC Software Edition.

Launch the EMA Platform Application From BMC GUI or Web Browser

1. Perform either step a or b to launch the EMA Platform from either BMC GUI or a Web browser, respectively.
 - a. From BMC GUI menu bar, click the **Platform Manager Port 0** or **Platform Manager Port 1**, as shown in Figure 1.

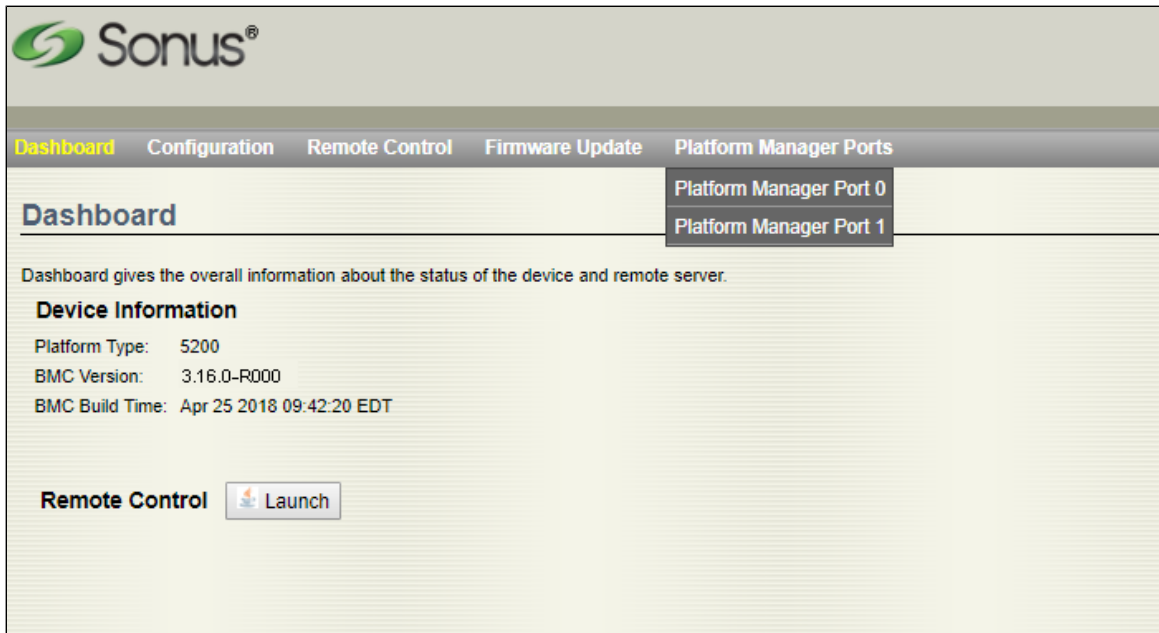
Note

On the Platform Manager, "Port 0" is associated with the MGMT0 port interface and "Port 1" is associated with MGMT1 port interface.

Note

This method is not applicable for SBC SWe.

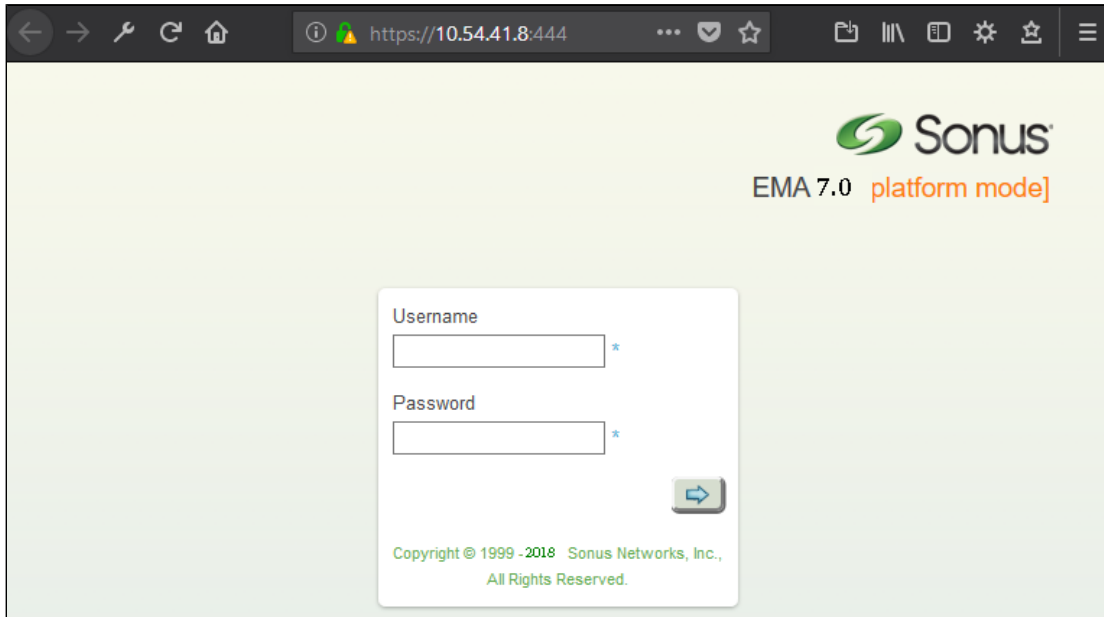
Figure 1: BMC Main Screen



b. Type `https://<IP Address>:444` into a web browser and press **Enter**.

where, `<IP Address>` is the default management interface IP address. The EMA Platform Login dialog displays similar to the figure below.

Figure 2: Login screen



2. Login to the EMA Platform using default credentials:

Username: **admin**

Password: **admin**

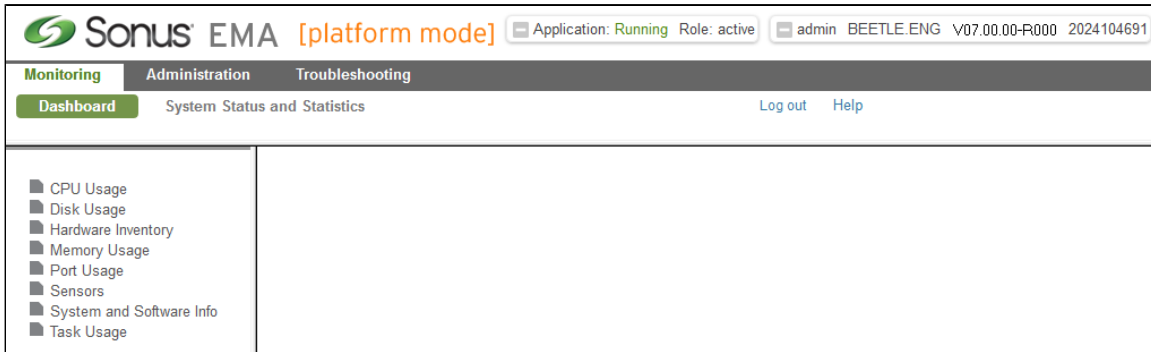
Note: If you provide incorrect login credentials, an error message is displayed.

Figure 3: EMA Platform Mode - Login Error



3. The EMA Platform main screen similar to the figure below .

Figure 4: Platform Manager Main Screen



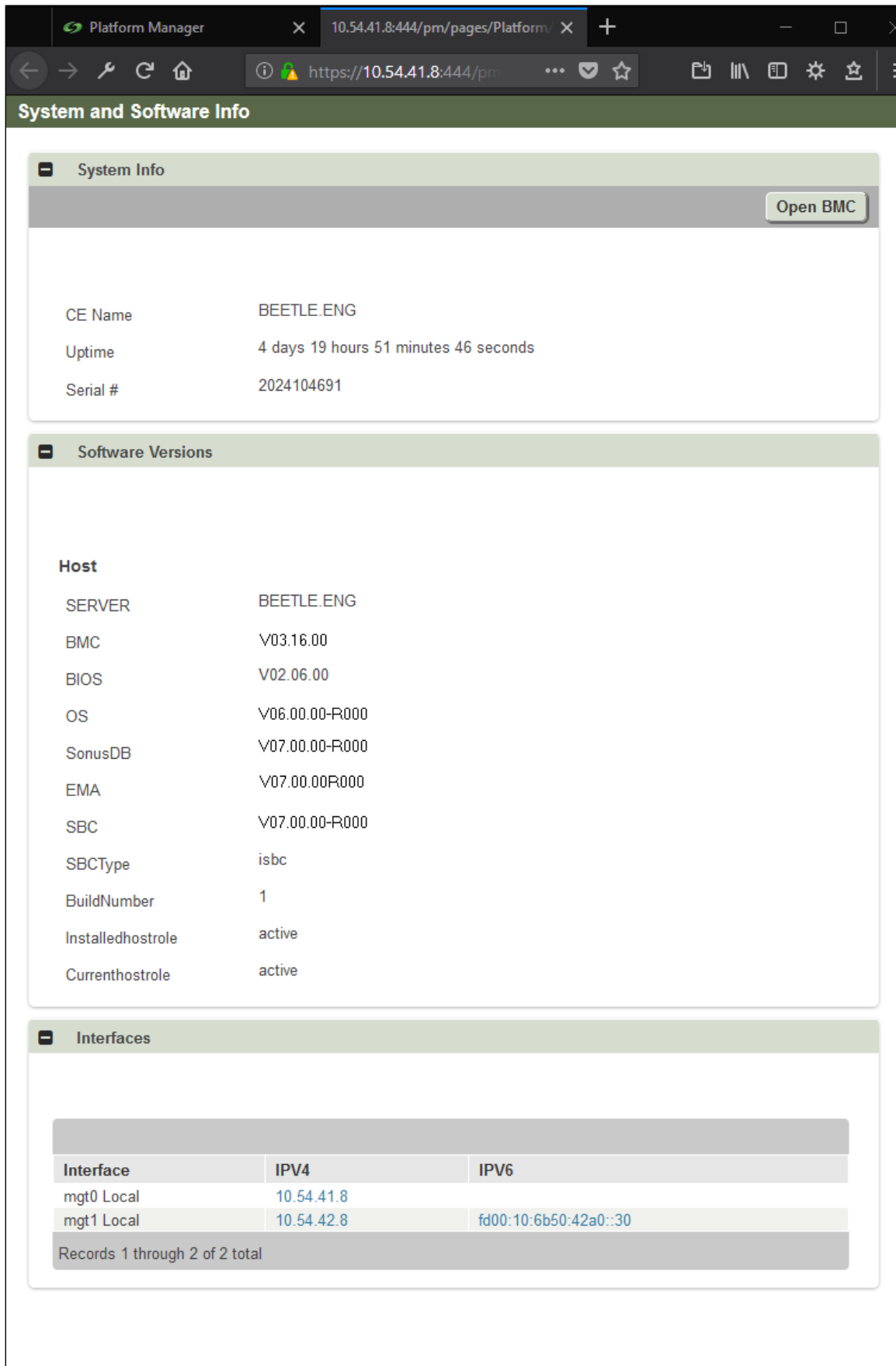
Note: If you log on to the EMA Platform Mode when an installation procedure is being carried out, you are prompted with the following message:

Figure 5: EMA Platform Mode - Ongoing Installation Message



4. Navigate to **Monitoring > Dashboard > System and Software Info**. This screen displays system information and SBC software details.

Figure 6: System Information



The screenshot shows a web browser window with the URL <https://10.54.41.8:444/pm/>. The page title is "System and Software Info".

System Info

[Open BMC](#)

CE Name: BEETLE.ENG
Uptime: 4 days 19 hours 51 minutes 46 seconds
Serial #: 2024104691

Software Versions

Host


SERVER	BEETLE.ENG
BMC	V03.16.00
BIOS	V02.06.00
OS	V06.00.00-R000
SonusDB	V07.00.00-R000
EMA	V07.00.00R000
SBC	V07.00.00-R000
SBCType	isbc
BuildNumber	1
Installedhostrole	active
Currenthostrole	active

Interfaces

Interface	IPV4	IPV6
mgt0 Local	10.54.41.8	
mgt1 Local	10.54.42.8	fd00:10:6b50:42a0::30

Records 1 through 2 of 2 total

Security Enhancement - SBC Allows Only One Concurrent EMA Session

 This security enhancement is available for SBC Core version 07.00.00R000 onward.

This enhancement enables the EMA application (including EMA in Platform Mode) to disable concurrent user login sessions. Once a new session is established, any existing session is terminated immediately. When an EMA user attempts to log on, the system validates for any open sessions with the same username. If any existing user session is identified, the user is immediately logged out from the application and allows the new user to log on to the system.


 **Note**
This is applicable all the EMA users (local users, radius users, PKI Certificate based users, and CAC users).

Figure 7: EMA User Logged Out Automatically

