



This Technical Advisory describes an issue which may or may not affect the customer's product

# Intel Technical Advisory

TA-1134-1

5200 NE Elam Young Parkway  
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## Fail to launch remote Keyboard Video Mouse(KVM) and Serial Over Lan(SOL) due to JAVA certificate is expired

### Affected Products

| Product Type          | Product Name   | MM#    |
|-----------------------|----------------|--------|
| Intel® Server Board   | BBS2600BPB     | 948899 |
|                       | BBS2600BPQ     | 948900 |
|                       | BBS2600BPS     | 952609 |
|                       | S2600WFO       | 952644 |
|                       | S2600WFQ       | 952645 |
|                       | S2600WFT       | 952641 |
|                       | S2600STB       | 957180 |
|                       | S2600STQ       | 957318 |
|                       | BBS2600STB     | 959820 |
|                       | BBS2600STQ     | 959727 |
| Intel® Compute Module | HNS2600BPB     | 976668 |
|                       | HNS2600BPQ     | 976669 |
|                       | HNS2600BPS     | 976670 |
|                       | HNS2600BPB24   | 976671 |
|                       | HNS2600BPQ24   | 976675 |
|                       | HNS2600BPS24   | 976676 |
|                       | HNS2600BPBLC   | 961401 |
|                       | HNS2600BPBLC24 | 977207 |
| Intel® Server System  | R1304WF0YS     | 952626 |
|                       | R1304WFTYS     | 952625 |
|                       | R1208WFTYS     | 952627 |
|                       | R2308WFTZS     | 952631 |
|                       | R2208WF0ZS     | 952629 |
|                       | R2208WFTZS     | 952628 |
|                       | R2208WFQZS     | 952637 |
|                       | R2312WF0NP     | 955876 |
|                       | R2312WFTZS     | 952632 |
|                       | R2312WFQZS     | 955877 |
|                       | R2224WFQZS     | 955875 |
|                       | R2224WFTZS     | 952633 |

### Description

Intel has received some reports from customers of remote KVM and SOL launch problem via Embedded Web server(EWS) on the identified affected products, the symptom is an error from Java indicating the application cannot be launched because the signing certificate in the Baseboard Management Controller(BMC) firmware 1.43.660a4315 or older version has expired until April 2018.

## Root Cause

The certificate used to sign the Java applications in the BMC firmware 1.43.660a4315 or older version was expired until April 2018. This certificate is created by Intel code sign(ECSS) tools, which has one signing process problem and didn't create expected certificate with enough valid time frame, the BMC firmware 1.43.660a4315 or older version is using this certificate, then you can't launch remote KVM or SOL after April 2018.

## Workaround

Our customers can add the BMC IP addresses or hostnames to our Java security exception list in the Java Console (javaws -viewer, navigate to the Security Tab, Exception Site List, Edit Site List). If a large number of exceptions need to be added, this can be simplified by editing the exception file directly (outside of the Java console). On Linux systems you can edit the file \$HOME/.java/deployment/security/exception.sites. On Windows, edit %appdata%\Sun\Java\Deployment\security\exception.sites

## Corrective Action

The new certificate will be included to the future release package, also Intel provides point release for short term solution. The point release package containing new certificate are located at the following pages:

For systems based on the Intel® Server Board S2600BP family, the platform firmware package is available here, and is "00.01.0013; 1.43.91f76955 ":

- SUP (EFI Shell) <https://downloadcenter.intel.com/download/27791>

## Recommended Customer Action

Intel recommends that customers impacted by this Technical Advisory implement upgrade to the latest firmware release for your specific platform as previously indicated. In the Corrective Actions section. Contact your Intel Support representative for details of the release and schedule.

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