

Intel Technical Advisory

TA-1166

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Using Nutanix* Foundation* to enable imaging of platforms that only support UEFI boot mode

Products Affected

Product Name	Product Code
The Intel® Data Center Blocks (Intel® DCB) for Nutanix* Enterprise Cloud Platform* on Intel® Server System M50CYP	LCY2***NX*****

Description

Nutanix* has discovered that Foundation* imaging fails during field installation of Foundation* on platforms supporting the 3rd Generation Intel® Xeon® Scalable processor family, including Intel® Server System M50CYP family (formerly "Coyote Pass"). See Nutanix* documentation at the following link:

- <https://portal.nutanix.com/page/documents/kbs/details?targetId=kA07V000000LWOMSA4>

Root Cause

This issue was first reported by Nutanix*, and the root cause and corrective steps to remediate the problem were determined internally at Nutanix*. By default, while imaging any platform, Foundation* tries to set the boot mode to legacy using API commands and continue with the remainder of the imaging process. Recently, Nutanix* added support for server systems that do not include legacy boot support, and when Foundation* tries to set the boot mode to legacy on these systems the imaging fails.

Corrective Action / Resolution

Note: This Intel Technical Advisory/Nutanix* KB does not apply for deployment when using custom ISO during field installation of Foundation*.

Follow the steps below to modify the boot mode and successfully image the systems.

- Download the latest Foundation Standalone VM version (5.0.2+) from the Nutanix* portal. Download the latest AOS bundle (5.20.1+) from the Nutanix* portal.
- Enable the Foundation* feature flag in the Standalone Foundation VM:
Create the file `~/home/nutanix/foundation/config/features.json` and add the following content:

```
{
  "do_not_change_boot_mode": true
}
```
- Restart the foundation service on the Standalone Foundation VM:

```
$ /home/nutanix/foundation/bin/foundation_service restart
```
- Start the imaging process using the Standalone Foundation VM 5.0.2+ with AOS 5.20.1+ with the required AHV*/ESXi* hypervisor version.

Contact your local Intel Sales Representative if you require more specific information about this issue.

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