



Introduction to Intersight Managed Mode Server Bios Tokens

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Intersight Managed Mode provides two methods for making global modifications to the BIOS settings on servers in Cisco UCS domain. You can create one or more BIOS policies that include a specific grouping of BIOS settings that match the needs of a server or set of servers, or you can use the default BIOS settings for a specific server platform.

Both the BIOS policy and the default BIOS settings for a server platform enables you to fine tune the BIOS settings for a server managed by IMM.

Depending upon the needs of the data center, you can configure BIOS policies for some service profiles and use the BIOS defaults in other service profiles in the same Cisco UCS domain, or you can use only one of them. You can also use IMM to view the actual BIOS settings on a server and determine whether they are meeting current needs.

Cisco Intersight Managed Mode supports the following M5, M6, and M7 servers:

- Cisco UCS X210c M7 Compute Node
- Cisco UCS X410c M7 Compute Node
- Cisco UCS X210c M6 Compute Node
- Cisco UCS C220 M7
- Cisco UCS C240 M7
- Cisco UCS C220 M6
- Cisco UCS C225 M6
- Cisco UCS C240 M6
- Cisco UCS C245 M6
- Cisco UCS C220 M5
- Cisco UCS C240 M5

- Cisco UCS C480 M5
- Cisco UCS B200 M6
- Cisco UCS B200 M5
- Cisco UCS B480 M5



Note The **Version** column in the table denotes the minimum firmware version where the token is supported and its consecutive version support.



Note For tokens having long value description, the **Values** column can be seen blank. In this case, you can scroll down the column to see their values.



Note All tokens also include a 'Platform default' option. The Platform default is identified by the setting in bold font. The BIOS uses the value for this attribute contained in the BIOS defaults for the server type and vendor.

What's New



Note This document includes BIOS token information starting from 4.3(3a) and continue to cover all subsequent versions. It does not cover any versions prior to 4.3(3a).

Table 1: New/Changed BIOS Tokens for 4.3(3a)

BIOS Token	Platform	New/Changed
Trust Domain Extension (TDX)	X410c M7, X210c M7, C220 M7, C240 M7	New
TDX Secure Arbitration Mode (SEAM) Loader	X410c M7, X210c M7, C220 M7, C240 M7	New
SHA384 PCR Bank	X410c M7, X210c M7, C220 M7, C240 M7	New
QpiLinkSpeed	X410c M7, X210c M7, C220 M7, C240 M7	Changed
C1 Auto demotion	X410c M7, X210c M7, C220 M7, C240 M7	Changed
C1 Auto UnDemotion	X410c M7, X210c M7, C220 M7, C240 M7	Changed

For more information on BIOS tokens, see [Cisco UCS Server BIOS Tokens in Intersight Managed Mode](#).