BIOS Token Name Comparison for Multiple Interfaces

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The following table lists the BIOS token names used in the XML, CLI and Web GUI interfaces. You can use this list to map the names across these interfaces.

Note The parameters that are available depend on the type of Cisco UCS server you are using.

BIOS Token Group	BIOS Token Name	XML Object	CLI and Web GUI Object
Main	TPM Support	biosVfTPMSupport/ vpTPMSupport	TPMAdminCtrl
Process Configuration	Intel(R) Hyper-Threading Technology	biosVfIntelHyperThreadingTech/ vpIntelHyperThreadingTech	IntelHyperThread
	Number of Enable Cores	biosVfCoreMultiProcessing/ vpCoreMultiProcessing	CoreMultiProcessing
	Execute Disable	biosVfExecuteDisableBit/ vpExecuteDisableBit	ExecuteDisable
	Intel(R) VT	biosVfIntelVirtualizationTechnology/ vpIntelVirtualizationTechnology	IntelVT

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BIOS Token Group	BIOS Token Name	XML Object	CLI and Web GUI Object
	Intel(R) VT-d	biosVfIntelVTForDirectedIO/ vpIntelVTForDirectedIO	IntelVTD
	Intel(R) VT-d Coherency Support	biosVfIntelVTForDirectedIO/ vpIntelVTDCoherencySupport	CoherencySupport
	Intel(R) VT-d ATS Support	biosVfIntelVTForDirectedIO/ vpIntelVTDATSSupport	ATS
	CPU Performance	biosVfCPUPerformance/ vpCPUPerformance	CpuPerformanceProfile
	Hardware Prefetcher	biosVfHardwarePrefetch/ vpHardwarePrefetch	HardwarePrefetch
	Adjacent Cache Line Prefetcher	biosVfAdjacentCacheLinePrefetch/ vpAdjacentCacheLinePrefetch	AdjacentCacheLinePrefetch
	DCU Streamer Prefetch	biosVfDCUPrefetch/ vvpStreamerPrefetch	DcuStreamerPrefetch
	DCU IP Prefetcher	biosVfDCUPrefetch/ vpIPPrefetch	DcuIpPrefetch
	Direct Cache Access Support	biosVfDirectCacheAccess/ vpDirectCacheAccess	DirectCacheAccess
	Power Technology	biosVfCPUPowerManagement/ vpCPUPowerManagement	CPUPowerManagement
	Enhanced Intel Speedstep(R) Technology	biosVfEnhancedIntelSpeedStepTech/ vpEnhancedIntelSpeedStepTech	EnhancedIntelSpeedStep
	Intel(R) Turbo Boost Technology	biosVfIntelTurboBoostTech/ vpIntelTurboBoostTech	IntelTurboBoostTech
	Processor Power state C6	biosVfProcessorCState/ vpProcessorCState	ProcessorC6Report
	Processor Power state C1 Enhanced	biosVfProcessorC1E/ vpProcessorC1E	ProcessorC1E

BIOS Token Group	BIOS Token Name	XML Object	CLI and Web GUI Object
	Frequency Floor Override	biosVfCPUFrequencyFloor/ vpCPUFrequencyFloor	CpuFreqFloor
	P-STATE Coordination	biosVfPStateCoordType/ vpPStateCoordType	PsdCoordType
	Energy Performance	biosVfCPUEnergyPerformance/ vpCPUEnergyPerformance	CpuEngPerfBias
Memory Configuration	Select Memory RAS	biosVfSelectMemoryRASConfiguration/ vpSelectMemoryRASConfiguration	SelectMemoryRAS
	DRAM Clock Throttling	biosVfDRAMClockThrottling/ vpDRAMClockThrottling	DRAMClockThrottling
	NUMA	biosVfNUMAOptimized/ vpNUMAOptimized	NUMAOptimize
	Low Voltage DDR Mode	biosVfLvDIMMSupport/ vpNUMAOptimized	LvDDRMode
	DRAM Refresh rate	biosVfDramRefreshRate/ vpDramRefreshRate	DramRefreshRate
	Channel Interleaving	biosVfMemoryInterleave/ vpChannelInterLeave	ChannelInterLeave
	Rank Interleaving	biosVfMemoryInterleave/ vpRankInterLeave	RankInterLeave
	Patrol Scrub	biosVfPatrolScrub/ vpPatrolScrub	PatrolScrub
	Demand Scrub	biosVfDemandScrub/ vpDemandScrub	DemandScrub
	Altitude	biosVfAltitude/ vpAltitude	Altitude
QPI Configuration	QPI Link Frequency Select	biosVfQPIConfig/ vpQPILinkFrequency	QPILinkFrequency
	Cluster on Die	biosVfCODEnable/ vpCODEnable	CODEnable

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BIOS Token Group	BIOS Token Name	XML Object	CLI and Web GUI Object
	Snoop Mode	biosVfEarlySnoop/ vpEarlySnoop	EarlySnoop
SATA Configuration	SATA Mode	Not supported	SATAMode
Onboard Storage	Onboard SCU Storage Support	biosVfOnboardStorage/ vpOnboardSCUStorageSupport	DisableSCU
	Onboard SCU Storage SW Stack	biosVfOnboardStorageSWStack vpOnboardSCUStorageSWStack	PchScuOromSelect
USB Configuration	Legacy USB Support	biosVfLegacyUSBSupport/ vpLegacyUSBSupport	LegacyUSBSupport
	Port 60/64 Emulation	biosVfUSBEmulation/ vpUSBEmul6064	UsbEmul6064
	All USB Devices	biosVfUSBPortsConfig/ vpAllUsbDevices	AllUsbDevices
	USB Port:Rear	biosVfUSBPortsConfig/ vpUsbPortRear	UsbPortRear
	USB Port:Front	biosVfUSBPortsConfig/ vpUsbPortFront	UsbPortFront
	USB Port:Internal	biosVfUSBPortsConfig/ vpUsbPortInternal	UsbPortInt
	USB Port:KVM	biosVfUSBPortsConfig/ vpUsbPortKVM	UsbPortKVM
	USB Port:Vmedia	biosVfUSBPortsConfig/ vpUsbPortVMedia	UsbPortVMedia
	USB Port:SD Card	biosVfUSBPortsConfig/ vpUsbPortSDCard	UsbPortSdCard
	xHCI Mode	biosVfPchUsb30Mode/ vpPchUsb30Mode	PchUsb30Mode
PCI Configuration	PCI ROM CLP	Not Supported	PciRomClp

BIOS Token Group	BIOS Token Name	XML Object	CLI and Web GUI Object
	MMIO above 4GB	biosVfMemoryMappedIOAbove4GB/ vpMemoryMappedIOAbove4GB	MemoryMappedIOAbove4GB
	ASPM Support	biosVfASPMSupport/ vpASPMSupport	ASPMSupport
	VGA Priority	biosVfVgaPriority/ vpVgaPriority	VgaPriority
Serial Configuration	Console Redirection	biosVfConsoleRedirection/ vpConsoleRedirection	ConsoleRedir
	Terminal Type	biosVfConsoleRedirection/ vpTerminalType	TerminalType
	Bits per second	biosVfConsoleRedirection/ vpBaudRate	BaudRate
	Flow Control	biosVfConsoleRedirection/ vpFlowControl	FlowCtrl
	Putty KeyPad	biosVfConsoleRedirection/ vpPuttyKeyPad	PuttyFunctionKeyPad
	Redirection After BIOS POST	biosVfConsoleRedirection/ vpLegacyOSRedirection	RedirectionAfterPOST
LOM and PCIe Slots Configuration	PCH SATA Mode	biosVfSataModeSelect/ vpSataModeSelect	SataModeSelect
	All Onboard LOM Ports	biosVfSataModeSelect/ vpSataModeSelect	AllLomPortControl
	LOM Port 0 OptionROM	biosVfLOMPortOptionROM/ vpLOMPort0State	LomOpromControlPort0
	LOM Port 1 OptionROM	biosVfLOMPortOptionROM/ vpLOMPort1State	LomOpromControlPort1
	All PCIe Slots OptionROM	biosVfPCIOptionROMs/ vpPCIOptionROMs	PcieOptionROMs

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BIOS Token Group	BIOS Token Name	XML Object	CLI and Web GUI Object
	PCIe Slot:*n* OptionROM	biosVfPCISlotOptionROMEnable/ vpSlot*n*State	PcieSlot*n*OptionROM
	PCIe Mezzanine OptionROM	biosVfPCISlotOptionROMEnable/ vpSlotMezzState	PcieMezzOptionROM
	PCIe Slot:1 Link Speed or SIOC1 Link Speed	biosVfPCISlotOptionROMEnable/ vpSlot1LinkSpeed	PcieSlot1LinkSpeed
	PCIe Slot:2 Link Speed or SIOC2 Link Speed	biosVfPCISlotOptionROMEnable/ vpSlot2LinkSpeed	PcieSlot2LinkSpeed
	PCIe Slot:MLOM OptionROM	biosVfPCISlotOptionROMEnable/ vpSlotMLOMState	PcieSlotMLOMOptionROM
	PCIe Slot:HBA OptionROM	biosVfPCISlotOptionROMEnable/ vpSlotHBAState	PcieSlotHBAOptionROM
	PCIe Slot:N1 OptionROM	biosVfPCISlotOptionROMEnable/ vpSlotN1State	PcieSlotN1OptionROM
	PCIe Slot:N2 OptionROM	biosVfPCISlotOptionROMEnable/ vpSlotN2State	PcieSlotN2OptionROM
Server Management	FRB-2 Timer	biosVfFRB2Enable/ vpFRB2Enable	FRB-2
	OS Watchdog Timer	biosVfOSBootWatchdogTimer/ vpOSBootWatchdogTimer	OSBootWatchdogTimer
	OS Watchdog Timer Timeout	biosVfOSBootWatchdogTimerPolicy/ vpOSBootWatchdogTimerPolicy	OSBootWatchdogTimerTimeout
	OS Watchdog Timer Policy	biosVfOSBootWatchdogTimerTimeOut/ vpOSBootWatchdogTimerPolicy	OSBootWatchdogTimerPolicy

BIOS Token Group	BIOS Token Name	XML Object	CLI and Web GUI Object
	Boot Order Rules	biosVfUCSMBootOrderRuleControl/ vpUCSMBootOrderRule	UCSMBootOrderRule

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