

iDRAC Attribute Registry

Version 1.0 Reference Guide



Notes, cautions, and warnings

 **NOTE:** A NOTE indicates important information that helps you make better use of your product.

 **CAUTION:** A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

 **WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.

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Introduction

This document lists the iDRAC, Lifecycle Controller, and System attributes. For more information on each attribute, see the RACADM help by typing **racadm help**.

iDRAC attributes

Table 1. Details of iDRAC attributes

| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|---|--|----------------|---------------|------------------|------------------|
| iDRAC.ActiveDirectory.AuthTimeout (Read or Write) | Specifies the number of seconds to wait for Active Directory authentication requests to complete before timing out. | Integer | 120 | | iDRAC Enterprise |
| iDRAC.ActiveDirectory.CertificateValidationEnable (Read or Write) | Enables or disables Active Directory certificate validation as a part of the Active Directory configuration process. | Enum | 0 | Disabled;Enabled | iDRAC Enterprise |
| iDRAC.ActiveDirectory.DCLookupByUserDomain (Read or Write) | Chooses the way the user domain is looked up for Active Directory. | Enum | 1 | Disabled;Enabled | iDRAC Enterprise |
| iDRAC.ActiveDirectory.DCLookupDomainName (Read or Write) | This is the configured search domain to use when DCLookupByUserDomain is disabled | String | | | iDRAC Enterprise |
| iDRAC.ActiveDirectory.DCLookupEnable (Read or Write) | Configures iDRAC to use pre-configured domain controllers or to use DNS to find the domain controller. | Enum | 0 | Disabled;Enabled | iDRAC Enterprise |
| iDRAC.ActiveDirectory.DomainController1 (Read or Write) | Specifies the LDAP server from which you want the iDRAC to obtain user names | String | | | iDRAC Enterprise |
| iDRAC.ActiveDirectory.DomainController2 (Read or Write) | Specifies the LDAP server from which you want the iDRAC to obtain user names | String | | | iDRAC Enterprise |
| iDRAC.ActiveDirectory.DomainController3 (Read or Write) | Specifies the LDAP server from which you want the iDRAC to obtain user names | String | | | iDRAC Enterprise |
| iDRAC.ActiveDirectory.Enable (Read or Write) | Enables or disables Active Directory user authentication on iDRAC | Enum | 0 | Disabled;Enabled | iDRAC Enterprise |
| iDRAC.ActiveDirectory.GCLookupEnable (Read or Write) | Determines how the global catalog server is looked up. | Enum | 0 | Disabled;Enabled | iDRAC Enterprise |
| iDRAC.ActiveDirectory.GCRootDomain (Read or Write) | The name of the Active Directory root domain used for DNS look up, to locate Global Catalog servers. | String | | | iDRAC Enterprise |
| iDRAC.ActiveDirectory.GlobalCatalog1 (Read or Write) | Specifies the Global Catalog server from which you want the iDRAC to obtain user names. | String | | | iDRAC Enterprise |
| iDRAC.ActiveDirectory.GlobalCatalog2 (Read or Write) | Specifies the Global Catalog server from which you want the iDRAC to obtain user names. | String | | | iDRAC Enterprise |
| iDRAC.ActiveDirectory.GlobalCatalog3 (Read or Write) | Specifies the Global Catalog server from which you want the iDRAC to obtain user names. | String | | | iDRAC Enterprise |



| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|---|--|----------------|---------------|---------------------------------|------------------|
| iDRAC.ActiveDirectory.RacDomain (Read or Write) | Active Directory Domain in which iDRAC resides. | String | | | iDRAC Enterprise |
| iDRAC.ActiveDirectory.RacName (Read or Write) | Name of iDRAC as recorded in the Active Directory forest. | String | | | iDRAC Enterprise |
| iDRAC.ActiveDirectory.Schema (Read or Write) | Determines the schema type to use with Active Directory. | Enum | 1 | Extended Schema;Standard Schema | iDRAC Enterprise |
| iDRAC.ActiveDirectory.SSOEnable (Read or Write) | Enables or disables Active Directory single sign-on authentication on iDRAC. | Enum | 0 | Disabled;Enabled | iDRAC Enterprise |
| iDRAC.ADGroup.Domain (Read or Write) | Active Directory Domain in which the Role Group resides. | String | | | iDRAC Enterprise |
| iDRAC.ADGroup.Name (Read or Write) | Name of the Role Group as recorded in the Active Directory forest. | String | | | iDRAC Enterprise |
| iDRAC.ADGroup.Privilege (Read or Write) | Role-based authority privileges for a Role Group | Integer | 0 | | iDRAC Enterprise |
| iDRAC.ASRConfig.Enable (Read or Write) | Status of ASR Config | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.AutoOSLockGroup.AutoOSLockState (Read or Write) | Enable Auto OS Lock State | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.CurrentIPv4.Address (Read only) | The current IPv4 address assigned to the iDRAC | String | 0.0.0.0 | | Not applicable |
| iDRAC.CurrentIPv4.DHCPEnable (Read only) | Specifies if DHCP is used to assign the iDRAC IPv4 address | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.CurrentIPv4.DNS1 (Read only) | IPv4 address for DNS server 1 | String | 0.0.0.0 | | Not applicable |
| iDRAC.CurrentIPv4.DNS2 (Read only) | IPv4 address for DNS Server 2 | String | 0.0.0.0 | | Not applicable |
| iDRAC.CurrentIPv4.DNSFromDHCP (Read only) | Specifies if the DNS server IPv4 addresses should be assigned from the DHCP server on the network. | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.CurrentIPv4.DuplicateDetected (Read only) | The current IPv4 address assigned to the iDRAC | String | 0.0.0.0 | | Not applicable |
| iDRAC.CurrentIPv4.Enable (Read only) | Enables or Disables the iDRAC IPv4 stack | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.CurrentIPv4.Gateway (Read only) | The gateway for the iDRAC IPv4 address | String | 0.0.0.0 | | Not applicable |
| iDRAC.CurrentIPv4.Netmask (Read only) | The subnet mask used for the iDRAC IPv4 address | String | 0.0.0.0 | | Not applicable |
| iDRAC.CurrentIPv6.Address1 (Read only) | iDRAC IPv6 Address | String | :: | | Not applicable |
| iDRAC.CurrentIPv6.Address10 (Read only) | iDRAC IPv6 tenth address | String | :: | | Not applicable |
| iDRAC.CurrentIPv6.Address11 (Read only) | iDRAC IPv6 eleventh address | String | :: | | Not applicable |
| iDRAC.CurrentIPv6.Address12 (Read only) | iDRAC IPv6 twelfth address | String | :: | | Not applicable |



| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|--|---|----------------|---------------|---|------------------|
| iDRAC.CurrentIPv6.Address13 (Read only) | iDRAC IPv6 thirteenth address | String | :: | | Not applicable |
| iDRAC.CurrentIPv6.Address14 (Read only) | iDRAC IPv6 fourteenth address | String | :: | | Not applicable |
| iDRAC.CurrentIPv6.Address15 (Read only) | iDRAC IPv6 fifteenth address | String | :: | | Not applicable |
| iDRAC.CurrentIPv6.Address2 (Read only) | iDRAC IPv6 second address | String | :: | | Not applicable |
| iDRAC.CurrentIPv6.Address3 (Read only) | iDRAC IPv6 third address | String | :: | | Not applicable |
| iDRAC.CurrentIPv6.Address4 (Read only) | iDRAC IPv6 fourth address | String | :: | | Not applicable |
| iDRAC.CurrentIPv6.Address5 (Read only) | iDRAC IPv6 fifth address | String | :: | | Not applicable |
| iDRAC.CurrentIPv6.Address6 (Read only) | iDRAC IPv6 sixth address | String | :: | | Not applicable |
| iDRAC.CurrentIPv6.Address7 (Read only) | iDRAC IPv6 seventh address | String | :: | | Not applicable |
| iDRAC.CurrentIPv6.Address8 (Read only) | iDRAC IPv6 eighth address | String | :: | | Not applicable |
| iDRAC.CurrentIPv6.Address9 (Read only) | iDRAC IPv6 ninth address | String | :: | | Not applicable |
| iDRAC.CurrentIPv6.AutoConfig (Read only) | Enables or Disables the iDRAC IPv6 auto configuration option | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.CurrentIPv6.DNS1 (Read only) | IPv6 DNS Server 1 Address | String | :: | | Not applicable |
| iDRAC.CurrentIPv6.DNS2 (Read only) | IPv6 DNS Server 2 Address | String | :: | | Not applicable |
| iDRAC.CurrentIPv6.DNSFromDHCP6 (Read only) | Specifies if the DNS Server addresses are obtained from DHCP or not | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.CurrentIPv6.Enable (Read only) | Enables or Disables iDRAC IPv6 stack | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.CurrentIPv6.Gateway (Read only) | iDRAC IPv6 Gateway | String | :: | | Not applicable |
| iDRAC.CurrentIPv6.IPV6NumberOfExtAddress (Read only) | Total number of extended IP | Integer | 0 | | Not applicable |
| iDRAC.CurrentIPv6.LinkLocalAddress (Read only) | iDRAC IPv6 Link Local Address | String | :: | | Not applicable |
| iDRAC.CurrentIPv6.PrefixLength (Read only) | Prefix length for the iDRAC IPv6 Address | Integer | 64 | | Not applicable |
| iDRAC.CurrentNIC.ActiveNIC (Read only) | Currently Active iDRAC network interface | Enum | 1 | None;Dedicated;LOM1;LOM2;LOM3;LOM4;LOM5;LOM6;LOM7;LOM8;LOM9;LOM10;LOM11;LOM | Not applicable |



| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|---|---|----------------|-------------------|------------------------------|------------------|
| iDRAC.CurrentNIC.ActiveSharedLOM (Read only) | Currently Active iDRAC shared network interface | Enum | 0 | 12;LOM13;LOM14;LOM15;LOM16 | Not applicable |
| iDRAC.CurrentNIC.AutoDetect (Read only) | Enable or disable auto detection feature of iDRAC | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.CurrentNIC.Autoneg (Read only) | Enables autonegotiation of physical link speed and duplex | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.CurrentNIC.DedicatedNICScanTime (Read only) | Shared to Dedicated Failover Timeout | Integer | 5 | | Not applicable |
| iDRAC.CurrentNIC.DNSDomainFromDHCP (Read only) | Specifies that the iDRAC DNS Domain Name should be assigned from the network DHCP server. | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.CurrentNIC.DNSDomainName (Read only) | The DNS Domain Name | String | | | Not applicable |
| iDRAC.CurrentNIC.DNSRacName (Read only) | The iDRAC name, which is iDRAC-SVCTAG; by default | String | idrac-SVCTAG | | Not applicable |
| iDRAC.CurrentNIC.DNSRegister (Read only) | Registers the iDRAC name with the DNS server. | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.CurrentNIC.Duplex (Read only) | Specifies the duplex setting for the iDRAC NIC | Enum | 1 | Half;full | Not applicable |
| iDRAC.CurrentNIC.Enable (Read only) | Enables or Disables the iDRAC network interface controller. | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.CurrentNIC.Failover (Read only) | Specifies the NIC Failover LOM | Enum | 0 | None;LOM1;LOM2;LOM3;LOM4;ALL | Not applicable |
| iDRAC.CurrentNIC.LinkStatus (Read only) | iDRAC Link Status. | Enum | 1 | No;Yes | Not applicable |
| iDRAC.CurrentNIC.MACAddress (Read only) | The MAC Address of the iDRAC | String | | | Not applicable |
| iDRAC.CurrentNIC.MACAddress2 (Read only) | The MAC Address 2 of the iDRAC | String | 00:00:00:00:00:02 | | Not applicable |
| iDRAC.CurrentNIC.MgmtInterfaceName (Read only) | The name of the Management Network Interface | String | bond0 | | Not applicable |
| iDRAC.CurrentNIC.MTU (Read only) | The size in bytes of the maximum transmission unit used by the iDRAC NIC | Integer | 1500 | | Not applicable |
| iDRAC.CurrentNIC.NumberOfLOM (Read only) | Number of shared LOM available for iDRAC network interface | Integer | 0 | | Not applicable |
| iDRAC.CurrentNIC.Selection (Read only) | Specifies the current mode of operation for the iDRAC network interface controller | Enum | 1 | Dedicated;LOM1;LOM2; | Not applicable |



| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|--|---|----------------|---|---|-----------------------------------|
| | | | | LOM3;LOM4 | |
| iDRAC.CurrentNIC.SharedNICScanTime (Read only) | Dedicated to Shared Failover Timeout | Integer | 30 | | Not applicable |
| iDRAC.CurrentNIC.Speed (Read only) | Specifies the speed for the iDRAC NIC | Enum | 1 | 10;100;1000;2500;10000;20000;25000;40000;50000;100000 | Not applicable |
| iDRAC.CurrentNIC.VLanEnabled (Read only) | Enables or Disables the VLAN capabilities of the iDRAC | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.CurrentNIC.VLanID (Read only) | Specifies the VLAN ID for the network VLAN configuration | Integer | 1 | | Not applicable |
| iDRAC.CurrentNIC.VLanPriority (Read only) | Specifies the VLAN priority for the network VLAN configuration | Integer | 0 | | Not applicable |
| iDRAC.CurrentNIC.VLanSetting (Read only) | Auto VLAN Setting | Enum | 0 | Both Enable;Disabled on Dedicated;Disabled on share | Not applicable |
| iDRAC.DefaultCredentialMitigationConfigGroup.DefaultCredentialMitigation (Read or Write) | Enable Default Credential Mitigation | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.EmailAlert.Address (Read or Write) | Specifies the destination email address for email alerts | String | | | iDRAC Express or iDRAC Enterprise |
| iDRAC.EmailAlert.CustomMsg (Read or Write) | Specifies the custom message that forms the subject of the alert | String | | | iDRAC Express or iDRAC Enterprise |
| iDRAC.EmailAlert.Enable (Read or Write) | Enables or Disables the destination to receive alerts | Enum | 0 | Disabled;Enabled | iDRAC Express or iDRAC Enterprise |
| iDRAC.GroupManager.GroupName (Read only) | GroupName is the user specified name of the iDRAC Group Manager local group. | String | | | iDRAC Enterprise |
| iDRAC.GroupManager.GroupUUID (Read only) | GroupUUID is a universally unique identifier that is automatically generated when the iDRAC Group Manager local group is created. This is used to track a group and remains constant for the life of the group. | String | | | iDRAC Enterprise |
| iDRAC.GroupManager.Status (Read or Write) | Enables or disables Group Management. iDRAC Group Manager feature offers simplified basic management of iDRACs on the same local network using the iDRAC GUI. When enabled a link local IPv6 address is used to discover and communicate with other iDRACs. | Enum | 0 | Disabled;Enabled | iDRAC Enterprise |
| iDRAC.GUI.SecurityPolicyMessage (Read or Write) | Security Policy Message Displayed on the GUI login screen | String | | | Not applicable |
| | | | By accessing this computer, you confirm | | |



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|--|--|----------------|---|---|------------------|
| | | | that such access complies with your organization's security policy. | | |
| iDRAC.Info.Build (Read only) | String containing the current product build version | String | 25 | | Not applicable |
| iDRAC.Info.CPLDVersion (Read only) | Specifies the CPLD firmware version of the server. | String | 0.0.0 | | Not applicable |
| iDRAC.Info.Description (Read only) | Text description of the iDRAC | String | This system component provides a complete set of remote management functions for Dell PowerEdge Server. | Not applicable | |
| iDRAC.Info.HWRev (Read only) | Specifies the iDRAC hardware revision. | String | .01 | | Not applicable |
| iDRAC.Info.IPMIVersion (Read only) | Current IPMI Version supported on iDRAC | String | 2.0 | | Not applicable |
| iDRAC.Info.Name (Read only) | User assigned name identifying this controller | String | iDRAC | | Not applicable |
| iDRAC.Info.RollbackBuild (Read only) | Specifies the iDRAC rollback build number. | String | 0 | | Not applicable |
| iDRAC.Info.RollbackVersion (Read only) | Specifies the iDRAC rollback version. | String | 0 | | Not applicable |
| iDRAC.Info.ServerGen (Read only) | String containing the current server generation | Enum | 3 | 12G;13G;14G | Not applicable |
| iDRAC.Info.Type (Read only) | Identifies the remote access controller type as iDRAC | Enum | 1 | 12G/13G/14G;Other;Unknown;12G Monolithic; 12G Modular;13G Monolithic; 13G Modular;12G DCS;13G DCS;14G Monolithic; 14G Modular;14G DCS | Not applicable |
| iDRAC.Info.Version (Read only) | String containing the current product firmware version | String | | | Not applicable |
| iDRAC.IntegratedDatacenter.DiscoveryEnable (Read or Write) | Enable Autodiscovery | Enum | 0 | Disabled;Enabled | Not applicable |



| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|---|--|----------------|---------------|---|------------------|
| iDRAC.IntegratedDatacenter.Eject (Read or Write) | Eject Server from Integrated Data Center | Enum | 0 | No ; Yes | Not applicable |
| iDRAC.IntegratedDatacenter.OperationMode (Read only) | Current Mode | Enum | 0 | Default;Discovered | Not applicable |
| iDRAC.IntegratedDatacenter.TroubleshootingMode (Read or Write) | Troubleshooting Mode | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.IntegratedDatacenter.VLan (Read only) | VLAN ID | Integer | 0 | | Not applicable |
| iDRAC.IOIDOpt.InitiatorPersistencePolicy (Read or Write) | Initiator Persistence Policy | Enum | 7 | None;WarmReset;ColdReset;WarmReset, ColdReset;ACPowerLoss;WarmReset, ACPowerLoss;ColdReset, ACPowerLoss;WarmReset, ColdReset, ACPowerLoss | Not applicable |
| iDRAC.IOIDOpt.IOIDOptEnabled (Read or Write) | Enable IO Identity Optimization | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.IOIDOpt.StorageTargetPersistencePolicy (Read or Write) | Storage Target Persistence Policy | Enum | 7 | None;WarmReset;ColdReset;WarmReset, ColdReset;ACPowerLoss;WarmReset, ACPowerLoss;ColdReset, ACPowerLoss;WarmReset, ColdReset, ACPowerLoss | Not applicable |
| iDRAC.IOIDOpt.VirtualAddressPersistencePolicyAuxPwr (Read or Write) | Virtual Address Persistence Policy Auxiliary Powered | Enum | 3 | None;WarmReset;ColdReset;WarmReset, ColdReset;ACPowerLoss;WarmReset, ACPowerLoss;ColdReset, ACPowerLoss;WarmReset, ColdReset, ACPowerLoss | Not applicable |



| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|--|---|----------------|---------------|--|-----------------------------------|
| iDRAC.IOIDOpt.VirtualAddressPersistencePolicyNonAuxPwr (Read or Write) | Virtual Address Persistence Policy Non Auxiliary Powered | Enum | 1 | None;Warm Reset;ColdReset;WarmReset, ColdReset;ACPowerLoss;WarmReset, ACPowerLoss;ColdReset, ACPowerLoss;WarmReset, ColdReset, ACPowerLoss | Not applicable |
| iDRAC.IPBlocking.BlockEnable (Read or Write) | Enables or disables the IPv4 address blocking feature of iDRAC | Enum | 1 | Disabled;Enabled | iDRAC Express or iDRAC Enterprise |
| iDRAC.IPBlocking.FailCount (Read or Write) | The maximum number of login failures to occur within the window before login attempts from the IP address are rejected. | Integer | 3 | | iDRAC Express or iDRAC Enterprise |
| iDRAC.IPBlocking.FailWindow (Read or Write) | Defines the time span in seconds that the failed attempts are counted. | Integer | 60 | | iDRAC Express or iDRAC Enterprise |
| iDRAC.IPBlocking.PenaltyTime (Read or Write) | Defines the time span in seconds that session requests from an IP address with excessive failures are rejected. | Integer | 60 | | iDRAC Express or iDRAC Enterprise |
| iDRAC.IPBlocking.RangeAddress (Read or Write) | Specifies the acceptable IPv4 address bit pattern in positions determined by the "1"s in the range mask | String | 192.168.1.1 | | iDRAC Express or iDRAC Enterprise |
| iDRAC.IPBlocking.RangeEnable (Read or Write) | Enables or disables the IPv4 Address Range validation feature of iDRAC | Enum | 0 | Disabled;Enabled | iDRAC Express or iDRAC Enterprise |
| iDRAC.IPBlocking.RangeMask (Read or Write) | Standard IP mask values with left-justified bits. | String | 255.255.255.0 | | iDRAC Express or iDRAC Enterprise |
| iDRAC.IPMIIPConfig.ArplInterval (Read or Write) | Gratuitouse ARP interval | Binary | 03 | | Not applicable |
| iDRAC.IPMIIPConfig.BackupGatewayIP (Read or Write) | IP address of an alternate gateway. | Binary | 00000000 | | Not applicable |
| iDRAC.IPMIIPConfig.BackupGatewayMac (Read or Write) | Mac address of the alternate gateway. | Binary | 000000000000 | | Not applicable |
| iDRAC.IPMIIPConfig.DefaultGatewayMAC (Read or Write) | Mac address of the default gateway | Binary | 000000000000 | | Not applicable |
| iDRAC.IPMIIPConfig.IPHeader (Read or Write) | IPMI configuration for RMCP IPV4 header parameter. Check IPMI specification for more info | Binary | 404010 | | Not applicable |
| iDRAC.IPMILan.AlertEnable (Read or Write) | Enables or Disables global email alerting | Enum | 0 | Disabled;Enabled | Not applicable |



| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|---|---|----------------|--|-----------------------------|------------------|
| iDRAC.IPMILan.CommunityName (Read or Write) | Specifies the SNMP community name for traps | String | public | | Not applicable |
| iDRAC.IPMILan.Enable (Read or Write) | Enables or Disables the IPMI over LAN interface | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.IPMILan.EncryptionKey (Read or Write) | Specifies the IPMI Encryption key | String | 0000000000 0000000000 0000000000 0000000000 | | |
| iDRAC.IPMILan.PrivLimit (Read or Write) | Specifies the maximum privilege level for IPMI over LAN access | Enum | 4 | User;Operator;Administrator | Not applicable |
| iDRAC.IPMIPefSeldom.GlobalControl (Read or Write) | Global control | Binary | 0F | | Not applicable |
| iDRAC.IPMIPEFSeldomFilter.FilterEntry (Read or Write) | Attribute for FilterEntry | Binary | 0000000000 0000000000 0000000000 0000000000 | | |
| iDRAC.IPMISerial.BaudRate (Read or Write) | Specifies the baud rate for serial connection over IPMI | Enum | 57600 | 9600;19200;57600;115200 | Not applicable |
| iDRAC.IPMISerial.ChanPrivLimit (Read or Write) | Specifies the maximum privilege limit allowed on the IPMI serial channel | Enum | 4 | User;Operator;Administrator | Not applicable |
| iDRAC.IPMISerial.ConnectionMode (Read or Write) | Determines the IPMI defined mode of the serial port | Enum | 1 | Terminal;Basic | Not applicable |
| iDRAC.IPMISerial.DeleteControl (Read or Write) | Enables or Disables delete control on the IPMI serial interface | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.IPMISerial.EchoControl (Read or Write) | Enables or Disables echo control on the IPMI serial interface | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.IPMISerial.FlowControl (Read or Write) | Specifies the Flow Control setting for IPMI serial port | Enum | 1 | None;RTS/CTS | Not applicable |
| iDRAC.IPMISerial.HandshakeControl (Read or Write) | Enables or Disables the IPMI terminal mode handshake control | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.IPMISerial.InputNewLineSeq (Read or Write) | Specifies the input new line sequence for the IPMI serial interface | Enum | 1 | Enter;Null | Not applicable |
| iDRAC.IPMISerial.LineEdit (Read or Write) | Enables or Disables line editing on the IPMI serial interface | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.IPMISerial.NewLineSeq (Read or Write) | Specifies the new line sequence for the IPMI serial interface | Enum | 1 | None;CR-LF;NULL;CR;LF-CR;LF | Not applicable |
| iDRAC.IPMISOL.AccumulateInterval (Read or Write) | Specifies the typical amount of time that iDRAC waits before transmitting a partial SOL character data packet | Integer | 10 | | Not applicable |
| iDRAC.IPMISOL.BaudRate (Read or Write) | Specifies the Baud rate for serial communication over LAN | Enum | 115200 | 9600;19200;57600;115200 | Not applicable |
| iDRAC.IPMISOL.Enable (Read or Write) | Enables or Disables SOL | Enum | 1 | Disabled;Enabled | Not applicable |



| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
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| iDRAC.IPMISOL.MinPrivilege (Read or Write) | Specifies the minimum privilege level required for serial access | Enum | 4 | User;Operator;Administrator | Not applicable |
| iDRAC.IPMISOL.SendThreshold (Read or Write) | Specifies the SOL threshold limit value and the maximum number of bytes to buffer before sending an SOL data packet | Integer | 255 | | Not applicable |
| iDRAC.IPv4.Address (Read or Write) | The current IPv4 address assigned to the iDRAC | String | 192.168.0.120 | | Not applicable |
| iDRAC.IPv4.DHCPEnable (Read or Write) | Specifies if DHCP is used to assign the iDRAC IPv4 address | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.IPv4.DNS1 (Read or Write) | IPv4 address for DNS server 1 | String | 0.0.0.0 | | Not applicable |
| iDRAC.IPv4.DNS2 (Read or Write) | IPv4 address for DNS Server 2 | String | 0.0.0.0 | | Not applicable |
| iDRAC.IPv4.DNSFromDHCP (Read or Write) | Specifies if the DNS server IPv4 addresses should be assigned from the DHCP server on the network. | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.IPv4.Enable (Read or Write) | Enables or Disables the iDRAC IPv4 stack | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.IPv4.Gateway (Read or Write) | The gateway for the iDRAC IPv4 address | String | 192.168.0.1 | | Not applicable |
| iDRAC.IPv4.Netmask (Read or Write) | The subnet mask used for the iDRAC IPv4 address | String | 255.255.255.0 | | Not applicable |
| iDRAC.IPv4Static.Address (Read or Write) | iDRAC static IPv4 address (can be configured even when DHCP is enabled) | String | 192.168.0.120 | | Not applicable |
| iDRAC.IPv4Static.DNS1 (Read or Write) | Statically configurable DNS Server 1 | String | 0.0.0.0 | | Not applicable |
| iDRAC.IPv4Static.DNS2 (Read or Write) | Statically configurable DNS Server 2 | String | 0.0.0.0 | | Not applicable |
| iDRAC.IPv4Static.DNSFromDHCP (Read or Write) | Specifies if the DNS server IPv4 addresses should be assigned from the DHCP server on the network. | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.IPv4Static.Gateway (Read or Write) | iDRAC static IPv4 gateway (can be configured even when DHCP is enabled) | String | 192.168.0.1 | | Not applicable |
| iDRAC.IPv4Static.Netmask (Read or Write) | iDRAC static IPv4 subnet mask(can be configured even when DHCP is enabled) | String | 255.255.255.0 | | Not applicable |
| iDRAC.IPv6.Address1 (Read or Write) | iDRAC IPv6 Address | String | :: | | Not applicable |
| iDRAC.IPv6.Address10 (Read only) | iDRAC IPv6 tenth address | String | :: | | Not applicable |
| iDRAC.IPv6.Address11 (Read only) | iDRAC IPv6 eleventh address | String | :: | | Not applicable |
| iDRAC.IPv6.Address12 (Read only) | iDRAC IPv6 twelfth address | String | :: | | Not applicable |
| iDRAC.IPv6.Address13 (Read only) | iDRAC IPv6 thirteenth address | String | :: | | Not applicable |
| iDRAC.IPv6.Address14 (Read only) | iDRAC IPv6 fourteenth address | String | :: | | Not applicable |



| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|--|---|----------------|---------------|---|------------------|
| iDRAC.IPv6.Address15 (Read only) | iDRAC IPv6 fifteenth address | String | :: | | Not applicable |
| iDRAC.IPv6.Address2 (Read only) | iDRAC IPv6 second address | String | :: | | Not applicable |
| iDRAC.IPv6.Address3 (Read only) | iDRAC IPv6 third address | String | :: | | Not applicable |
| iDRAC.IPv6.Address4 (Read only) | iDRAC IPv6 fourth address | String | :: | | Not applicable |
| iDRAC.IPv6.Address5 (Read only) | iDRAC IPv6 fifth address | String | :: | | Not applicable |
| iDRAC.IPv6.Address6 (Read only) | iDRAC IPv6 sixth address | String | :: | | Not applicable |
| iDRAC.IPv6.Address7 (Read only) | iDRAC IPv6 seventh address | String | :: | | Not applicable |
| iDRAC.IPv6.Address8 (Read only) | iDRAC IPv6 eighth address | String | :: | | Not applicable |
| iDRAC.IPv6.Address9 (Read only) | iDRAC IPv6 ninth address | String | :: | | Not applicable |
| iDRAC.IPv6.AddressState (Read only) | IPv6 Address State | Enum | 0 | Active;Disabled;Pending;Failed;Deprecated;Invalid | Not applicable |
| iDRAC.IPv6.AutoConfig (Read or Write) | Enables or Disables the iDRAC IPv6 auto configuration option | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.IPv6.DNS1 (Read or Write) | IPv6 DNS Server 1 Address | String | :: | | Not applicable |
| iDRAC.IPv6.DNS2 (Read or Write) | IPv6 DNS Server 2 Address | String | :: | | Not applicable |
| iDRAC.IPv6.DNSFromDHCP6 (Read or Write) | Specifies if the DNS Server addresses are obtained from DHCP or not | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.IPv6.Enable (Read or Write) | Enables or Disables iDRAC IPv6 stack | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.IPv6.Gateway (Read or Write) | iDRAC IPv6 Gateway | String | :: | | Not applicable |
| iDRAC.IPv6.IPV6NumOfExtAddress (Read or Write) | Total number of extended IP | Integer | 0 | | Not applicable |
| iDRAC.IPv6.LinkLocalAddress (Read only) | iDRAC IPv6 Link Local Address | String | :: | | Not applicable |
| iDRAC.IPv6.PrefixLength (Read or Write) | Prefix length for the iDRAC IPv6 Address | Integer | 64 | | Not applicable |
| iDRAC.IPv6Static.Address1 (Read or Write) | iDRAC static IPv6 address | String | :: | | Not applicable |
| iDRAC.IPv6Static.DNS1 (Read or Write) | Statically configurable DNS Server 1 | String | :: | | Not applicable |
| iDRAC.IPv6Static.DNS2 (Read or Write) | Statically configurable DNS Server 1 | String | :: | | Not applicable |



| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|--|---|----------------|---------------|------------------|------------------|
| iDRAC.IPv6Static.DNSFromDHCP6 (Read or Write) | Specifies if the DNS server IPv6 addresses should be assigned from the DHCP server on the network. | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.IPv6Static.Gateway (Read or Write) | iDRAC static IPv6 gateway | String | :: | | Not applicable |
| iDRAC.IPv6Static.PrefixLength (Read or Write) | Prefix length for the iDRAC IPv6 Address | Integer | 64 | | Not applicable |
| iDRAC.IPv6URL.URL (Read only) | Provides the IPv6 URL for the iDRAC. | String | | | Not applicable |
| iDRAC.LDAP.BaseDN (Read or Write) | The Domain Name of the branch of the directory where all searches should start from. | String | | | iDRAC Enterprise |
| iDRAC.LDAP.BindDN (Read or Write) | The distinguished name of a user used to bind to the server when searching for the login user's DN. | String | | | iDRAC Enterprise |
| iDRAC.LDAP.BindPassword (Read or Write) | A bind password to use in conjunction with the bindDN. | Password | | | iDRAC Enterprise |
| iDRAC.LDAP.CertificateValidationEnable (Read or Write) | Controls certificate validation during SSL handshake. | Enum | 1 | Disabled;Enabled | iDRAC Enterprise |
| iDRAC.LDAP.Enable (Read or Write) | Turns LDAP service on or off. | Enum | 0 | Disabled;Enabled | iDRAC Enterprise |
| iDRAC.LDAP.GroupAttribute (Read or Write) | Specifies which LDAP attribute is used to check for group membership. | String | | | iDRAC Enterprise |
| iDRAC.LDAP.GroupAttributesDN (Read or Write) | Specifies whether the user domain name should be used from the LDAP server or from what was provided by user at login | Enum | 1 | Disabled;Enabled | iDRAC Enterprise |
| iDRAC.LDAP.Port (Read or Write) | Port of LDAP over SSL. | Integer | 636 | | iDRAC Enterprise |
| iDRAC.LDAP.SearchFilter (Read or Write) | A valid LDAP search filter to be used if the user attribute cannot uniquely identify the login user within the chosen baseDN. | String | | | iDRAC Enterprise |
| iDRAC.LDAP.Server (Read or Write) | Configures the address of the LDAP Server | String | | | iDRAC Enterprise |
| iDRAC.LDAP.UserName (Read or Write) | Specifies the user attribute to search for. | String | | | iDRAC Enterprise |
| iDRAC.LDAPRoleGroup.DestinationNum (Read only) | Attribute for DestinationNum | Integer | 1 | | iDRAC Enterprise |
| iDRAC.LDAPRoleGroup.DestIPv6Addr (Read or Write) | Attribute for DestIPv6Addr | String | :: | | iDRAC Enterprise |
| iDRAC.LDAPRoleGroup.DN (Read or Write) | This is the Domain Name of the group. | String | | | iDRAC Enterprise |
| iDRAC.LDAPRoleGroup.DN.1 (Read or Write) | This is the Domain Name of the group. | String | | | iDRAC Enterprise |
| iDRAC.LDAPRoleGroup.DN.2 (Read or Write) | This is the Domain Name of the group. | String | | | iDRAC Enterprise |
| iDRAC.LDAPRoleGroup.DN.3 (Read or Write) | This is the Domain Name of the group. | String | | | iDRAC Enterprise |



| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|---|---|----------------|---------------|---|------------------|
| iDRAC.LDAPRoleGroup.DN.4 (Read or Write) | This is the Domain Name of the group. | String | | | iDRAC Enterprise |
| iDRAC.LDAPRoleGroup.DN.5 (Read or Write) | This is the Domain Name of the group. | String | | | iDRAC Enterprise |
| iDRAC.LDAPRoleGroup.Privilege (Read or Write) | A bit-mask defining the privileges associated with this particular group. | Integer | 0 | | iDRAC Enterprise |
| iDRAC.LDAPRoleGroup.State (Read or Write) | Attribute for State | Enum | 0 | Disabled;Enabled | iDRAC Enterprise |
| iDRAC.LocalSecurity.KCSAccess (Read or Write) | Disable KCS access from host | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.LocalSecurity.LocalConfig (Read or Write) | Enable local security | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.LocalSecurity.PrebootConfig (Read or Write) | Enables or disables the ability of the local user to configure iDRAC from the BIOS POST option-ROM. | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.Lockdown.SystemLockdown (Read or Write) | Specifies if the System Lockdown is enabled or disabled | Enum | 0 | Disabled;Enabled | iDRAC Enterprise |
| iDRAC.Logging.SELOEMEventFilterEnable (Read or Write) | Enable SEL OEM Event Filter | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.NIC.AutoConfig (Read or Write) | Enable Auto Configuration | Enum | 0 | Disabled;Enabled;Once;Enable Once After Reset | Not applicable |
| iDRAC.NIC.AutoConfigIPv6 (Read or Write) | IPv6 Enable Auto Configuration | Enum | 0 | Disabled;Enabled;Once;Enable Once After Reset | Not applicable |
| iDRAC.NIC.AutoDedicatedNIC (Read or Write) | Enable Auto NIC | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.NIC.AutoDetect (Read or Write) | Enable or disable auto detection feature of iDRAC | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.NIC.Autoneg (Read or Write) | Enables autonegotiation of physical link speed and duplex | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.NIC.DedicatedNICScanTime (Read or Write) | Shared to Dedicated Failover Timeout | Integer | 5 | | Not applicable |
| iDRAC.NIC.DNSDomainFromDHCP (Read or Write) | Specifies that the iDRAC DNS Domain Name should be assigned from the network DHCP server. | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.NIC.DNSDomainName (Read or Write) | The DNS Domain Name | String | | | Not applicable |
| iDRAC.NIC.DNSDomainNameFromDHCP (Read or Write) | Specifies that the iDRAC DNS Domain Name should be assigned from the network DHCP server. | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.NIC.DNSRacName (Read or Write) | The iDRAC name, which is iDRAC- <SVCTAG> by default | String | idrac-SVCTAG | | Not applicable |



| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|---|---|----------------|---------------|---|------------------|
| iDRAC.NIC.DNSRegister (Read or Write) | Registers the iDRAC name with the DNS server. | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.NIC.Duplex (Read or Write) | Specifies the duplex setting for the iDRAC NIC | Enum | 1 | Half;Full | Not applicable |
| iDRAC.NIC.Enable (Read or Write) | Enables or Disables the iDRAC network interface controller. | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.NIC.Failover (Read or Write) | Specifies the NIC Failover LOM. | Enum | 0 | None;LOM1;LOM2;LOM3;LOM4;ALL | Not applicable |
| iDRAC.NIC.MACAddress (Read only) | The MAC Address of the iDRAC | String | | | Not applicable |
| iDRAC.NIC.MTU (Read or Write) | The size in bytes of the maximum transmission unit used by the iDRAC NIC | Integer | 1500 | | Not applicable |
| iDRAC.NIC.Selection (Read or Write) | Specifies the current mode of operation for the iDRAC network interface controller | Enum | 1 | Dedicated;LOM1;LOM2;LOM3;LOM4 | Not applicable |
| iDRAC.NIC.SharedNICScanTime (Read or Write) | Dedicated to Shared Failover Timeout | Integer | 30 | | Not applicable |
| iDRAC.NIC.Speed (Read or Write) | Specifies the speed for the iDRAC NIC | Enum | 1 | 10;100;1000;2500;10000;20000;25000;40000;50000;100000 | Not applicable |
| iDRAC.NIC.SwitchConnection (Read only) | Specifies the Chassis ID extracted from LLDP packet | String | | | Not applicable |
| iDRAC.NIC.SwitchPortConnection (Read only) | Specifies the Port ID extracted from LLDP packet. | String | | | Not applicable |
| iDRAC.NIC.VLanEnable (Read or Write) | Enables or Disables the VLAN capabilities of the iDRAC | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.NIC.VLanID (Read or Write) | Specifies the VLAN ID for the network VLAN configuration | Integer | 1 | | Not applicable |
| iDRAC.NIC.VLanPort (Read or Write) | VLAN Port | Enum | 0 | Both;Dedicated port only;LOM ports only | Not applicable |
| iDRAC.NIC.VLanPriority (Read or Write) | Specifies the VLAN priority for the network VLAN configuration | Integer | 0 | | Not applicable |
| iDRAC.NIC.VLanSetting (Read or Write) | Auto VLAN Setting | Enum | 0 | Both Enable;Disabled on Dedicated;Disabled on share | Not applicable |
| iDRAC.NICStatic.DNSDomainFromDHCP (Read or Write) | Specifies that the iDRAC DNS Domain Name should be assigned from the network DHCP server. | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.NICStatic.DNSDomainName (Read or Write) | The DNS Domain Name | String | | | Not applicable |



| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|--|---|----------------|---------------|---------------------------------|-----------------------------------|
| iDRAC.NTPConfigGroup.NTP1 (Read or Write) | Name of NTP Server 1 | String | | | iDRAC Express or iDRAC Enterprise |
| iDRAC.NTPConfigGroup.NTP2 (Read or Write) | Name of NTP Server 2 | String | | | iDRAC Express or iDRAC Enterprise |
| iDRAC.NTPConfigGroup.NTP3 (Read or Write) | Name of NTP Server 3 | String | | | iDRAC Express or iDRAC Enterprise |
| iDRAC.NTPConfigGroup.NTPEnable (Read or Write) | Enable Network Time Protocol | Enum | 0 | Disabled;Enabled | iDRAC Express or iDRAC Enterprise |
| iDRAC.NTPConfigGroup.NTPMaxDist (Read or Write) | NTP Maximum Distance | Integer | 16 | | iDRAC Express or iDRAC Enterprise |
| iDRAC.OS-BMC.AdminState (Read or Write) | Manages the administrative state of the IMC. | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.OS-BMC.IdracPTEplpAddr (Read or Write) | IDRAC PTE IP Address | String | 169.254.0.1 | | Not applicable |
| iDRAC.OS-BMC.OslpAddress (Read or Write) | OS-BMC Passthrough Host IP Address. Enter a valid IPv4 address. | String | 0.0.0.0 | | Not applicable |
| iDRAC.OS-BMC.PrefixLength (Read or Write) | OS BMC Prefix Length | Integer | 64 | | Not applicable |
| iDRAC.OS-BMC.PTCapability (Read only) | OS-BMC Pass Through Capability | Enum | 0 | Not Capable;Capable;Unavailable | Not applicable |
| iDRAC.OS-BMC.PTMode (Read or Write) | Specify the OS-BMC Passthrough Mode | Enum | 1 | lom-p2p;usb-p2p | Not applicable |
| iDRAC.OS-BMC.UsbNicIpAddress (Read or Write) | Specifies the USB NIC IP Address. Enter a valid IPv4 address. | String | 169.254.1.1 | | Not applicable |
| iDRAC.PlatformCapability.FrontPortUSBConfiguration (Read only) | When BIOS is configured as "All Ports Off (Dynamic)" the above capability attribute will be set to true, otherwise false. | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.Racadm.ActiveSessions (Read or Write) | Indicates the number of active Remote Racadm sessions. | Integer | 0 | | Not applicable |
| iDRAC.Racadm.Enable (Read or Write) | Enables or disables the Remote Racadm interface. | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.Racadm.MaxSessions (Read only) | Specifies the maximum number of active Remote Racadm sessions allowed. | Integer | 2 | | Not applicable |
| iDRAC.Racadm.Timeout (Read or Write) | Defines the idle timeout in seconds of the Remote Racadm interface. | Integer | 60 | | Not applicable |
| iDRAC.Redfish.Enable (Read or Write) | Redfish Enable | Enum | 1 | Disabled;Enabled | Not applicable |



| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|--|---|----------------|---------------|----------------------|-----------------------------------|
| iDRAC.RedfishEventing.DeliveryRetryAttempts (Read or Write) | This is the number of attempts an event posting is retried before the subscription is terminated. | Integer | 3 | 0-5 | Not applicable |
| iDRAC.RedfishEventing.DeliveryRetryIntervalInSeconds (Read or Write) | This represents the number of seconds between retry attempts for sending any given Event. | Integer | 30 | 5-60 | Not applicable |
| iDRAC.RedfishEventing.IgnoreCertificateErrors (Read or Write) | To ignore any ssl certificate warnings that may arise during SSL handshake with EventListener. | Enum | 1 | No;Yes | Not applicable |
| iDRAC.RemoteHosts.SendEmail (Read or Write) | Specifies the address of emails sent by iDRAC | String | | | iDRAC Express or iDRAC Enterprise |
| iDRAC.RemoteHosts.SMTPAuthentication (Read or Write) | Enable SMTP Authentication | Enum | 0 | Disabled;Enabled | iDRAC Express or iDRAC Enterprise |
| iDRAC.RemoteHosts.SMTPPassword (Read or Write) | SMTP Password | Password | | | iDRAC Express or iDRAC Enterprise |
| iDRAC.RemoteHosts.SMTPPort (Read or Write) | Specifies the SMTP Port | Integer | 25 | | iDRAC Express or iDRAC Enterprise |
| iDRAC.RemoteHosts.SMTPServerIPAddress (Read or Write) | Address of the network SMTP server | String | 0.0.0.0 | | iDRAC Express or iDRAC Enterprise |
| iDRAC.RemoteHosts.SMTPUserName (Read or Write) | SMTP User Name | String | | | iDRAC Express or iDRAC Enterprise |
| iDRAC.RFS.AttachMode (Read or Write) | RFS Media attach mode | Enum | 0 | Auto Attach;Attach | iDRAC Enterprise |
| iDRAC.RFS.Enable (Read or Write) | RFS Enable State | Enum | 0 | Disabled;Enabled | iDRAC Enterprise |
| iDRAC.RFS.Image (Read only) | RFS Image path | String | | | iDRAC Enterprise |
| iDRAC.RFS.MediaAttachState (Read only) | RFS Media attach state | Enum | 0 | Detached;Attached | iDRAC Enterprise |
| iDRAC.RFS.Password (Read or Write) | Specifies the remote file share password. | Password | | | iDRAC Enterprise |
| iDRAC.RFS.Status (Read or Write) | RFS connection status | Enum | 0 | Done;Pending;Error | iDRAC Enterprise |
| iDRAC.RFS.User (Read or Write) | Specifies the remote file share user. | String | | | iDRAC Enterprise |
| iDRAC.RFS.WriteProtected (Read only) | RFS Write Protection | Enum | 0 | Read Only;Read Write | iDRAC Enterprise |
| iDRAC.SECONDARYNIC.AutoNegotiate (Read only) | SecondaryNIC Auto Negotiation | Enum | 1 | Disable;Enable | Not applicable |



| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
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| iDRAC.SECONDARYNIC.DHCPEnable (Read or Write) | SecondaryNIC DHCP Enable | Enum | 0 | Disable;Enable | Not applicable |
| iDRAC.SECONDARYNIC.DNSDRACName (Read or Write) | SecondaryNIC DNS RAC Name | String | | | Not applicable |
| iDRAC.SECONDARYNIC.DNSFromDHCP (Read or Write) | SecondaryNIC Domain Name server | Enum | 0 | Disable;Enable | Not applicable |
| iDRAC.SECONDARYNIC.DNSServer1 (Read or Write) | SecondaryNIC IPV4 DNS Server 1 | String | 0.0.0.0 | | Not applicable |
| iDRAC.SECONDARYNIC.DNSServer2 (Read or Write) | SecondaryNIC IPV4 DNS Server 2 | String | 0.0.0.0 | | Not applicable |
| iDRAC.SECONDARYNIC.DomainNameDHCP (Read or Write) | SecondaryNIC Domain Name from DHCP | Enum | 0 | Disable;Enable | Not applicable |
| iDRAC.SECONDARYNIC.Duplex (Read only) | SecondaryNIC Duplex | Enum | 1 | Half;Full | Not applicable |
| iDRAC.SECONDARYNIC.HostName (Read or Write) | SecondaryNIC Host Name | String | | | Not applicable |
| iDRAC.SECONDARYNIC.IPV4Address (Read or Write) | SecondaryNIC IPV4 Address | String | 192.168.0.120 | | Not applicable |
| iDRAC.SECONDARYNIC.IPv4Enable (Read or Write) | SecondaryNIC IPV4 Enable | Enum | 1 | Disable;Enable | Not applicable |
| iDRAC.SECONDARYNIC.IPV4Gateway (Read or Write) | SecondaryNIC IPV4 Gate way | String | 192.168.0.1 | | Not applicable |
| iDRAC.SECONDARYNIC.IPV4NetMask (Read or Write) | SecondaryNIC IPV4 Net mask | String | 255.255.255.0 | | Not applicable |
| iDRAC.SECONDARYNIC.IPV4StaticDomainName (Read or Write) | SecondaryNIC Statis Domain Name | String | | | Not applicable |
| iDRAC.SECONDARYNIC.MACAddress (Read only) | SecondaryNIC Mac Address | String | | | Not applicable |
| iDRAC.SECONDARYNIC.MTU (Read only) | SecondaryNIC Mac Address | Integer | 1500 | | Not applicable |
| iDRAC.SECONDARYNIC.NICEnable (Read or Write) | SecondaryNIC Enable | Enum | 0 | Disable;Enable | Not applicable |
| iDRAC.SECONDARYNIC.NICFailover (Read only) | SecondaryNIC Selection | Enum | 0 | None;LOM1;LOM2;LOM3;LOM4;All | Not applicable |
| iDRAC.SECONDARYNIC.NICSelection (Read only) | SecondaryNIC Selection | Enum | 1 | Dedicated;LOM1;LOM2; | Not applicable |



| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
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| | | | | LOM3;LOM4 | |
| iDRAC.SECONDARYNIC.NICSpeed (Read only) | SecondaryNIC failover | Enum | 0 | 10;100;1000 | Not applicable |
| iDRAC.SECONDARYNIC.RegisterHostDNS (Read or Write) | SecondaryNIC DNS Register | Enum | 0 | Disable;Enable | Not applicable |
| iDRAC.SECONDARYNIC.VLANEnable (Read or Write) | SecondaryNIC VLAN Enable | Enum | 0 | Disable;Enable | Not applicable |
| iDRAC.SECONDARYNIC.VLANID (Read or Write) | SecondaryNIC VLAN ID | Integer | 1 | | Not applicable |
| iDRAC.SECONDARYNIC.VLANPriority (Read or Write) | SecondaryNIC Priority | String | 0 | | Not applicable |
| iDRAC.Security.CsrCommonName (Read or Write) | Specifies the CSR Common Name (CN) that must be an IP as given in the certificate | String | | | Not applicable |
| iDRAC.Security.CsrCountryCode (Read or Write) | Specifies the CSR Country Code (CC). | String | | | Not applicable |
| iDRAC.Security.CsrEmailAddress (Read or Write) | Specifies the CSR email address. | String | | | Not applicable |
| iDRAC.Security.CsrKeySize (Read or Write) | Specifies the SSL asymmetric key size for the CSRs. | Enum | 2048 | 2048;4096 | Not applicable |
| iDRAC.Security.CsrLocalityName (Read or Write) | Specifies the CSR Locality (L). | String | | | Not applicable |
| iDRAC.Security.CsrOrganizationName (Read or Write) | Specifies the CSR Organization Name (O) | String | | | Not applicable |
| iDRAC.Security.CsrOrganizationUnit (Read or Write) | Specifies the CSR Organization Unit (OU) | String | | | Not applicable |
| iDRAC.Security.CsrStateName (Read or Write) | Specifies the CSR State Name (S). | String | | | Not applicable |
| iDRAC.Security.FIPSMODE (Read or Write) | Enables or Disables the FIPS mode compliance. Enabling FIPS mode resets iDRAC configuration to factory defaults. | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.Serial.BaudRate (Read or Write) | Sets the Baud rate on the iDRAC serial port | Enum | 57600 | 9600;19200;38400;57600;115200 | Not applicable |
| iDRAC.Serial.Command (Read or Write) | Specifies a serial command that is executed after the user logs into the serial console interface | String | | | Not applicable |
| iDRAC.Serial.Enable (Read or Write) | Enables or Disables the iDRAC serial console interface | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.Serial.HistorySize (Read or Write) | Specifies the maximum size of the serial history buffer | Integer | 8192 | | Not applicable |
| iDRAC.Serial.IdleTimeout (Read or Write) | The maximum number of seconds to wait before an idle serial console session is | Integer | 300 | | Not applicable |



| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
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| | disconnected. The special value 0 disables the timeout. | | | | |
| iDRAC.Serial.NoAuth (Read or Write) | Enables or Disables iDRAC serial console login authentication | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.SerialRedirection.Enable (Read or Write) | Enables or Disables the console for COM2 port redirection | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.SerialRedirection.QuitKey (Read or Write) | This key or key combination terminates the Virtual Console when using the console COM2 command. The valid quitkey should start with ^ and has to end with any of the following characters: 'a-zA-Z[\]^_\' (i.e. letter or one of 5 special characters). | String | ^\ | | Not applicable |
| iDRAC.Server Configuration Privilege.Product (Read only) | String identifying the Product | String | Integrated Dell Remote Access Controller | | |
| iDRAC.ServerBoot.BootOnce (Read or Write) | Enable Boot Once | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.ServerBoot.FirstBootDevice (Read or Write) | Specify the First Boot Device. | String | Normal | | Not applicable |
| iDRAC.ServiceModule.HostSNMPAlert (Read or Write) | Host SNMP Alert | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.ServiceModule.HostSNMPGet (Read or Write) | Host SNMP Get | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.ServiceModule.iDRACHardReset (Read or Write) | ServiceModule Attributes for iDrac reset | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.ServiceModule.LCLogReplication (Read or Write) | Enable Lifecycle Log Replication | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.ServiceModule.OMSAPresence (Read only) | Indicates if OMSA is present on the host or not. | Enum | 2 | Not Present;Present;NA | Not applicable |
| iDRAC.ServiceModule.OSInfo (Read or Write) | Enable Sharing OS Information via service module | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.ServiceModule.ServiceModuleEnable (Read or Write) | Enable Service Module | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.ServiceModule.ServiceModuleState (Read only) | Specifies the state of the service module on the system | Enum | 0 | Not Running;Running | Not applicable |
| iDRAC.ServiceModule.ServiceModuleVersion (Read only) | Provides the installed version of iDRAC Service Module (iSM). | String | NA | | Not applicable |
| iDRAC.ServiceModule.SNMPOnHostOS (Read or Write) | Enable SNMP forwarding on the host | Enum | 0 | Disabled;Enabled | Not applicable |



| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
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| iDRAC.ServiceModule.SWRaidMonitoring (Read or Write) | Enables or disables monitoring devices behind Software RAID. | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.ServiceModule.WatchdogRecoveryAction (Read or Write) | Specifies the recovery action on watchdog alert | Enum | 0 | None;Reboot;Poweroff;Powercycle | Not applicable |
| iDRAC.ServiceModule.WatchdogResetTime (Read or Write) | Specifies the System reset time on watchdog alert | Integer | 480 | | Not applicable |
| iDRAC.ServiceModule.WatchdogState (Read or Write) | Enable watchdog timer via service module | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.ServiceModule.WMIInfo (Read or Write) | Populate WMI information via ServiceModule | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.SmartCard.SmartCardCRLEnable (Read or Write) | Enables or disables the Certificate Revocation List (CRL). | Enum | 0 | Disabled;Enabled | iDRAC Enterprise |
| iDRAC.SmartCard.SmartCardLogonEnable (Read or Write) | Enables, disables, or enables with Remote RACADM support for access to iDRAC using a smart card | Enum | 0 | Disabled;Enabled;Enabled With Racadm | iDRAC Enterprise |
| iDRAC.SNMP.AgentCommunity (Read or Write) | Specifies the SNMP community name to be used for SNMP Agents | String | public | | Not applicable |
| iDRAC.SNMP.AgentEnable (Read or Write) | Enables or Disables the SNMP Agent on the iDRAC | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.SNMP.AlertPort (Read or Write) | Specifies the SNMP Alert Port | Integer | 162 | | Not applicable |
| iDRAC.SNMP.DiscoveryPort (Read or Write) | Specifies the SNMP Discovery Port | Integer | 161 | | Not applicable |
| iDRAC.SNMP.EngineID (Read only) | Specifies SNMP V3 Engine ID to be used to receive the SNMP v3 Trap | String | 0x800002A204010203040506070809 | | |
| iDRAC.SNMP.SNMPProtocol (Read or Write) | SNMP Protocol | Enum | 0 | All;SNMPv3 | Not applicable |
| iDRAC.SNMP.TrapFormat (Read or Write) | SNMP Trap Format | Enum | 0 | SNMPv1;SNMPv2;SNMPv3 | Not applicable |
| iDRAC.SNMPAlert.Destination (Read or Write) | Specifies the IPv4, IPv6, FQDN address, or hostname of the target destination to receive alerts. Must be valid IPv4, IPv6, FQDN address, or hostname. | String | | | Not applicable |
| iDRAC.SNMPAlert.SNMPv3UserID (Read only) | Indicates the index of the iDRAC user that this SNMP alert destination has been configured to use when sending SNMP v3 traps. | Integer | 0 | | Not applicable |
| iDRAC.SNMPAlert.SNMPv3Username (Read or Write) | Specifies the name of the iDRAC user that this SNMP alert destination is configured to use when sending SNMP v3 traps. | String | | | Not applicable |
| iDRAC.SNMPAlert.State (Read or Write) | Enable SNMP Alert State | Enum | 0 | Disabled;Enabled | Not applicable |



| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|--|---|----------------|---------------|------------------|------------------|
| iDRAC.SNMPTrapIPv4.DestinationNum (Read only) | Identifier number for the trap destination. | Integer | 1 | | Not applicable |
| iDRAC.SNMPTrapIPv4.StIPv4Addr (Read or Write) | See SNMPAlert.1-4.Destination | String | 0.0.0.0 | | Not applicable |
| iDRAC.SNMPTrapIPv4.State (Read or Write) | See SNMPAlert.1-4.Enable | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.SNMPTrapIPv6.DestinationNum (Read only) | Identifier number for the trap destination. | Integer | 1 | | Not applicable |
| iDRAC.SNMPTrapIPv6.StIPv6Addr (Read or Write) | See SNMPAlert.5-8.Destination | String | :: | | Not applicable |
| iDRAC.SNMPTrapIPv6.State (Read or Write) | See SNMPAlert.5-8.Enable | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.SSH.Enable (Read or Write) | Enables or Disables SSH | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.SSH.MaxSessions (Read only) | Maximum number of SSH sessions allowed | Integer | 2 | | Not applicable |
| iDRAC.SSH.Port (Read or Write) | Specifies the port number for the iDRAC SSH interface | Integer | 22 | | Not applicable |
| iDRAC.SSH.Timeout (Read or Write) | Defines the secure shell idle timeout. The special value 0 disables the timeout. | Integer | 1800 | | Not applicable |
| iDRAC.SupportAssist.DefaultIPAddress (Read or Write) | Default IP address for saving SupportAssist collections to network share. | String | | | Not applicable |
| iDRAC.SupportAssist.DefaultPassword (Read or Write) | Default password for saving SupportAssist collections to network share. | Password | | | Not applicable |
| iDRAC.SupportAssist.DefaultProtocol (Read or Write) | Default protocol (NFS/CIFS Only) for saving SupportAssist collections. | Enum | 2 | NFS;CIFS | Not applicable |
| iDRAC.SupportAssist.DefaultShareName (Read or Write) | Default share name for saving SupportAssist collections to network share. | String | | | Not applicable |
| iDRAC.SupportAssist.DefaultUserName (Read or Write) | Default user name for saving SupportAssist collections to network share. | String | | | Not applicable |
| iDRAC.SupportAssist.DefaultWorkgroupName (Read or Write) | Default workgroup name for saving SupportAssist collections to network share. | String | | | Not applicable |
| iDRAC.SupportAssist.EmailOptIn (Read or Write) | Option to receive E-mails from Dell on case creation and collection upload. | Enum | 1 | No;Yes | Not applicable |
| iDRAC.SupportAssist.EventBasedAutoCollection (Read or Write) | Indicates whether SupportAssist event based auto collection features is enabled on this system. | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.SupportAssist.FilterAutoCollections (Read or Write) | Indicates whether auto collections need to be filtered for identification information. | Enum | 0 | No;Yes | Not applicable |



| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|---|--|----------------|--------------------|---|------------------|
| iDRAC.SupportAssist.HostOSProxyAddress (Read or Write) | Host OS proxy address | String | | | Not applicable |
| iDRAC.SupportAssist.HostOSProxyConfigured (Read or Write) | Indicates whether Host OS uses proxy configuration to connect to Internet. | Enum | 0 | No;Yes | Not applicable |
| iDRAC.SupportAssist.HostOSProxyPassword (Read or Write) | Host OS proxy password | Password | | | Not applicable |
| iDRAC.SupportAssist.HostOSProxyPort (Read or Write) | Host OS proxy port | Integer | 0 | | Not applicable |
| iDRAC.SupportAssist.HostOSProxyUserName (Read or Write) | Host OS proxy username | String | | | Not applicable |
| iDRAC.SupportAssist.NativeOSLogsCollectionSupported (Read only) | Indicates whether Host OS supports native OS logs collection. | Enum | 0 | None;FullReport;FilteredReport;Both | Not applicable |
| iDRAC.SupportAssist.PreferredLanguage (Read or Write) | Preferred Language for E-mail communication from Dell | Enum | 0 | English;German;French;Japanese;Spanish;Simplified Chinese | Not applicable |
| iDRAC.SupportAssist.ProSupportPlusRecommendationsReport (Read or Write) | Indicates whether this server will be included for recommendations in ProSupport Plus Recommendations Report | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.SupportAssist.RegistrationID (Read only) | Specifies the SupportAssist Registration ID if the system was registered with Dell. | String | | | Not applicable |
| iDRAC.SupportAssist.SupportAssistEnableState (Read or Write) | Indicates whether SupportAssist auto collection features are enabled on this system. | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.SwitchConnectionView.Enable (Read or Write) | This Attribute is for Enabling/Disabling the Switch Connection View. | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.SysInfo.AcSysRecovery (Read or Write) | Specifies what State the System will be after AC Recovery | Binary | 0000003c00f0000000 | | |
| iDRAC.SysInfo.BIOSStatus (Read or Write) | Provides BIOS status. | Binary | | | Not applicable |
| iDRAC.SysInfo.BladeSlotInfo (Read only) | Provides blade slot information. | Binary | | | Not applicable |
| iDRAC.SysInfo.CMCInfo (Read only) | Provides CMC information. | Binary | | | Not applicable |
| iDRAC.SysInfo.CMCIPv6Info (Read only) | Provides CMC IPv6 information. | Binary | | | Not applicable |
| iDRAC.SysInfo.CMCIPv6URL (Read only) | Provides the CMC IPv6 URL. | Binary | | | Not applicable |
| iDRAC.SysInfo.CMCURL (Read only) | Provides the CMC URL. | Binary | | | Not applicable |



| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|---|---|----------------|--|------------------|------------------|
| iDRAC.SysInfo.FWVersion (Read or Write) | String displays the current System BIOS Version Number | Binary | | | Not applicable |
| iDRAC.SysInfo.GUID (Read or Write) | Specifies the system GUID. | Binary | 0000000000 0000000000 0000000000 0000 | | |
| iDRAC.SysInfo.LocalConsoleLockOut (Read or Write) | Specifies the local console lockout state. | Integer | 1 | | Not applicable |
| iDRAC.SysInfo.RebrandInfo (Read or Write) | Provides rebrand information. | Binary | | | Not applicable |
| iDRAC.SysInfo.SystemId (Read only) | Provides the system ID. | Binary | | | Not applicable |
| iDRAC.SysInfo.SystemModel (Read only) | Provides the system model. | Binary | | | Not applicable |
| iDRAC.SysInfo.SystemRevision (Read or Write) | Provides the system revision. | Integer | 0 | | Not applicable |
| iDRAC.SysLog.Port (Read or Write) | Remote syslog port number | Integer | 514 | | iDRAC Enterprise |
| iDRAC.SysLog.PowerLogEnabled (Read or Write) | Enable Power Logs | Enum | 0 | Disabled;Enabled | iDRAC Enterprise |
| iDRAC.SysLog.PowerLogInterval (Read or Write) | Set Power Log Interval | Integer | 5 | | iDRAC Enterprise |
| iDRAC.SysLog.Server1 (Read or Write) | Name of remote syslog server | String | | | iDRAC Enterprise |
| iDRAC.SysLog.Server2 (Read or Write) | Name of remote syslog server | String | | | iDRAC Enterprise |
| iDRAC.SysLog.Server3 (Read or Write) | Name of remote syslog server | String | | | iDRAC Enterprise |
| iDRAC.SysLog.SysLogEnabled (Read or Write) | Enables or disables remote syslog | Enum | 0 | Disabled;Enabled | iDRAC Enterprise |
| iDRAC.Telnet.Enable (Read or Write) | Enables or Disables Telnet | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.Telnet.MaxSessions (Read only) | Maximum numbers of telnet sessions allowed | Integer | 2 | | Not applicable |
| iDRAC.Telnet.Port (Read or Write) | Specifies the port number for the iDRAC Telnet interface | Integer | 23 | | Not applicable |
| iDRAC.Telnet.Timeout (Read or Write) | Defines the Telnet idle timeout. The special value 0 disables the timeout. | Integer | 1800 | | Not applicable |
| iDRAC.Time.DayLightOffset (Read or Write) | Specifies the daylight savings offset (in minutes) to use for the iDRAC Time. | Integer | 0 | | Not applicable |
| iDRAC.Time.Timezone (Read or Write) | Time Zone String | String | US/Central | | Not applicable |
| iDRAC.Time.TimeZoneOffset (Read or Write) | Specifies the time zone offset (in minutes) from Greenwich Mean Time (GMT)/Coordinated Universal Time (UTC) to use for the iDRAC Time | Integer | 0 | | Not applicable |



| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|--|--|----------------|---------------|--|------------------|
| iDRAC.Update.FwUpdateIPAddr (Read or Write) | Specifies the TFTP server address to be used for iDRAC firmware update operations | String | 0.0.0.0 | | Not applicable |
| iDRAC.Update.FwUpdatePath (Read or Write) | Specifies TFTP path where iDRAC firmware image resides on TFTP server | String | | | Not applicable |
| iDRAC.Update.FwUpdateTFTPEnable (Read or Write) | Enables or Disables iDRAC firmware updates from a TFTP server | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.USB.ConfigurationXML (Read or Write) | Specifies whether configuration can be performed using USB management port. | Enum | 1 | Disabled;Enabled while server has default credential settings only;Enabled only for compressed configuration files | Not applicable |
| iDRAC.USB.ManagementPortMode (Read only) | Provides how USB Management Port is used. | Enum | 0 | iDRAC Direct Only | Not applicable |
| iDRAC.USB.PortStatus (Read or Write) | Enables or disables the iDRAC front USB port. | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.USB.ZipPassword (Read or Write) | Specifies password that is used to unlock zip file containing Server Configuration Profile on USB drive. | Password | | | Not applicable |
| iDRAC.UserDomain.Name (Read or Write) | Specifies the Active Directory user domain name. Must be fully qualified domain name or IP address of the domain controller. | String | | | Not applicable |
| iDRAC.Users.AuthenticationProtocol (Read or Write) | The Authentication Protocol for SNMP v3 | Enum | 2 | None;MD5;SHA | Not applicable |
| iDRAC.Users.Enable (Read or Write) | Enables or Disables an individual user | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.Users.IPMIKey (Read or Write) | IPMI key is used for IPMI authentication | String | | | Not applicable |
| iDRAC.Users.IpmiLanPrivilege (Read or Write) | Specifies the maximum privilege on the IPMI LAN channel | Enum | 15 | User;Operator;Administrator;No Access | Not applicable |
| iDRAC.Users.IpmiSerialPrivilege (Read or Write) | Specifies the maximum IPMI Serial privilege | Enum | 15 | User;Operator;Administrator;No Access | Not applicable |
| iDRAC.Users.MD5v3Key (Read or Write) | Specifies the MD5 hash of the SNMPv3 key | String | | | Not applicable |
| iDRAC.Users.Password (Read or Write) | iDRAC User Password | Password | | | Not applicable |
| iDRAC.Users.PrivacyProtocol (Read or Write) | The Privacy Protocol for SNMP v3 | Enum | 2 | None;DES;AES | Not applicable |



| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|--|--|----------------|---------------|--|-----------------------------------|
| iDRAC.Users.Privilege (Read or Write) | Specifies the role based authority privileges allowed for the user. Use decimal 511 for Administrator privileges, 499 for Operator privileges, 1 for Read-only privilege and 0 for no privilege. | Integer | 0 | | Not applicable |
| iDRAC.Users.ProtocolEnable (Read or Write) | Enable SNMP v3 Protocol | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.Users.SHA1v3Key (Read or Write) | Specifies the SHA1 hash of the SNMPv3 key | String | | | Not applicable |
| iDRAC.Users.SHA256Password (Read or Write) | Specifies the SHA256 hash of the password | String | | | Not applicable |
| iDRAC.Users.SHA256PasswordSalt (Read or Write) | Specifies the Salt String appended to the password prior to hash | String | | | Not applicable |
| iDRAC.Users.SolEnable (Read or Write) | Enables or Disables SOL for the user | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.Users.UserName (Read or Write) | iDRAC User Name | String | | | Not applicable |
| iDRAC.Users.UserPayloadAccess (Read or Write) | Specifies the payload access information for the user. | String | | | Not applicable |
| iDRAC.vFlashSD.Enable (Read or Write) | Enable vFlash SD | Enum | 0 | Disabled;Enabled | iDRAC Enterprise |
| iDRAC.vFlashSD.Presence (Read or Write) | vFlash SD card presence | Enum | 0 | Disabled;Enabled | Not applicable |
| iDRAC.VirtualConsole.AccessPrivilege (Read or Write) | Specifies the default action upon session sharing request timeout | Enum | 2 | Full Access;Read Only Access;Deny Access | iDRAC Express or iDRAC Enterprise |
| iDRAC.VirtualConsole.AttachState (Read or Write) | Specifies the attach state for the Virtual Console. | Enum | 2 | Detached;Attached;Auto-attach | iDRAC Express or iDRAC Enterprise |
| iDRAC.VirtualConsole.Enable (Read or Write) | Enables or disables the Virtual Console. | Enum | 1 | Disabled;Enabled | iDRAC Express or iDRAC Enterprise |
| iDRAC.VirtualConsole.EncryptEnable (Read or Write) | Encrypts the video in a Virtual Console session. | Enum | 1 | Disabled;Enabled | iDRAC Express or iDRAC Enterprise |
| iDRAC.VirtualConsole.LocalDisable (Read or Write) | Enables/disables the video signal on the local video port of the server. | Enum | 0 | Disabled;Enabled | iDRAC Express or iDRAC Enterprise |
| iDRAC.VirtualConsole.LocalVideo (Read or Write) | Enables or disables the local server video. | Enum | 1 | Disabled;Enabled | iDRAC Express or iDRAC Enterprise |
| iDRAC.VirtualConsole.MaxSessions (Read or Write) | Specifies maximum number of Virtual Console sessions. | Integer | 6 | | iDRAC Express or iDRAC Enterprise |
| iDRAC.VirtualConsole.PluginType (Read or Write) | Specifies the plugin type to use when running Virtual Console from a browser. | Enum | 0 | ActiveX;Java;HTML5 | iDRAC Express or iDRAC Enterprise |



| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|--|--|----------------|---------------|---|-----------------------------------|
| iDRAC.VirtualConsole.Port (Read or Write) | Specifies the virtual KVM port. | Integer | 5900 | | iDRAC Express or iDRAC Enterprise |
| iDRAC.VirtualConsole.Timeout (Read or Write) | Specifies the idle timeout in seconds for the Virtual Console. | Integer | 1800 | | iDRAC Express or iDRAC Enterprise |
| iDRAC.VirtualMedia.ActiveSessions (Read only) | Provides the number of Virtual Media sessions that are currently active. | Integer | 0 | | iDRAC Express or iDRAC Enterprise |
| iDRAC.VirtualMedia.Attached (Read or Write) | Used to attach virtual devices to the system via the USB bus | Enum | 2 | Detached;Attached;Auto Attach | iDRAC Express or iDRAC Enterprise |
| iDRAC.VirtualMedia.BootOnce (Read or Write) | Enables or Disables the virtual media boot once feature of the iDRAC | Enum | 0 | Disabled;Enabled | iDRAC Express or iDRAC Enterprise |
| iDRAC.VirtualMedia.Enable (Read or Write) | Enables or disables the Virtual Media. | Enum | 1 | Disabled;Enabled | iDRAC Express or iDRAC Enterprise |
| iDRAC.VirtualMedia.EncryptEnable (Read or Write) | Encrypts the video in a Virtual Media session | Enum | 1 | Disabled;Enabled | iDRAC Express or iDRAC Enterprise |
| iDRAC.VirtualMedia.FloppyEmulation (Read or Write) | When Disabled, the virtual floppy disk is recognized as a removable disk by Windows OS | Enum | 0 | Disabled;Enabled | iDRAC Express or iDRAC Enterprise |
| iDRAC.VirtualMedia.KeyEnable (Read or Write) | Enables or Disables the virtual media key feature of the iDRAC | Enum | 0 | Disabled;Enabled | iDRAC Express or iDRAC Enterprise |
| iDRAC.VirtualMedia.MaxSessions (Read only) | Provides the maximum number of the Virtual Media sessions allowed. | Integer | 1 | | iDRAC Express or iDRAC Enterprise |
| iDRAC.VNCServer.ActiveSessions (Read only) | VNC Server Current Active VNC Sessions | Integer | 0 | 0,1,2 | iDRAC Enterprise |
| iDRAC.VNCServer.Enable (Read or Write) | Enable VNC Server | Enum | 0 | Disabled;Enabled | iDRAC Enterprise |
| iDRAC.VNCServer.LowerEncryptionBitLength (Read or Write) | Enable VNC Lower Encryption Bit Length | Enum | 0 | Disabled;Enabled | iDRAC Enterprise |
| iDRAC.VNCServer.MaxSessions (Read or Write) | VNC Server Maximum Session Allowed | Integer | 2 | 1,2 | iDRAC Enterprise |
| iDRAC.VNCServer.Password (Read or Write) | VNC Server Password | Password | | | iDRAC Enterprise |
| iDRAC.VNCServer.Port (Read or Write) | VNC Server Port | Integer | 5901 | | iDRAC Enterprise |
| iDRAC.VNCServer.SSLEncryptionBitLength (Read or Write) | VNC SSL Encryption Bit Length | Enum | 0 | Disabled;Auto Negotiate; 128-Bit or higher;168-Bit or higher; 256-Bit or higher | iDRAC Enterprise |



| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|--|--|----------------|---------------|---|------------------|
| iDRAC.VNCServer.Timeout (Read or Write) | VNC Server Timeout | Integer | 300 | | iDRAC Enterprise |
| iDRAC.WebServer.Enable (Read or Write) | Enables or Disables iDRAC WebServer | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.WebServer.HttpPort (Read or Write) | Specifies the port number for HTTP communication with the iDRAC | Integer | 80 | | Not applicable |
| iDRAC.WebServer.HttpsPort (Read or Write) | Specifies the port number for HTTPS communication with the iDRAC | Integer | 443 | | Not applicable |
| iDRAC.WebServer.HttpsRedirection (Read or Write) | Enable HTTPS redirection | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.WebServer.LowerEncryptionBitLength (Read or Write) | Lower Encryption Bit Length | Enum | 1 | Disabled;Enabled | Not applicable |
| iDRAC.WebServer.MaximumNumberOfSessions (Read only) | Max session allowed | Integer | 8 | | Not applicable |
| iDRAC.WebServer.MaximumSessions (Read only) | Maximum number of GUI sessions allowed | Integer | 6 | | Not applicable |
| iDRAC.WebServer.SSLEncryptionBitLength (Read or Write) | Specifies the SSL encryption bit length. | Enum | 1 | Auto-Negotiate; 128-Bit or higher; 168-Bit or higher; 256-Bit or higher | Not applicable |
| iDRAC.WebServer.Timeout (Read or Write) | Specifies the web server idle timeout. | Integer | 1800 | | Not applicable |
| iDRAC.WebServer.TitleBarOption (Read or Write) | Specifies what to display in the title bar. | Enum | 1 | Auto;DNS RAC Name;IP Address;Service Tag;System Host Name;Custom | Not applicable |
| iDRAC.WebServer.TitleBarOptionCustom (Read or Write) | Specifies the custom title when the title bar option is Custom. | String | | | Not applicable |
| iDRAC.WebServer.TLSProtocol (Read or Write) | Specifies the TLS protocol version support. | Enum | 1 | TLS 1.0 and Higher; TLS 1.1 and Higher; TLS 1.2 Only | Not applicable |



Lifecycle Controller attributes

Table 2. Details of iDRAC attributes

| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|--|---|----------------|---------------|-------------------------------------|-----------------------------------|
| LifecycleController.LCAttributes.AutoBackup (Read or Write) | Enables or disables the automatic backup scheduler. | Enum | 0 | Disabled; Enabled | iDRAC Enterprise |
| LifecycleController.LCAttributes.AutoDiscovery (Read only) | Indicates if Auto Discovery feature is turned off or on. | Enum | 0 | Off; On | iDRAC Express or iDRAC Enterprise |
| LifecycleController.LCAttributes.AutoUpdate (Read or Write) | Enables or disables the automatic update scheduler. | Enum | 0 | Disabled;Enabled | iDRAC Enterprise |
| LifecycleController.LCAttributes.BIOSRTDRequested (Read or Write) | Allows to reset all the BIOS attributes to the default state. After this property is enabled, restart iDRAC to view the default values of BIOS. | Enum | 0 | False;True;OEMIDDefaults | Not applicable |
| LifecycleController.LCAttributes.CollectSystemInventoryOnRestart (Read or Write) | Enables or disables collection of system inventory on host reboot. | Enum | 1 | Disabled;Enabled | Not applicable |
| LifecycleController.LCAttributes.DiscoveryFactoryDefaults (Read only) | Off- Do not reset to factory defaults when performing auto discovery. On-Reset to defaults when performing auto discovery. | Enum | 0 | Off;On | iDRAC Express or iDRAC Enterprise |
| LifecycleController.LCAttributes.IgnoreCertificateWarning (Read or Write) | Ignore Certificate warning default when not provided. | Enum | 1 | Off;On | Not applicable |
| LifecycleController.LCAttributes.IPAddresses (Read or Write) | IP Address of the network share | String | | | Not applicable |
| LifecycleController.LCAttributes.IPChangeNotifyPS (Read or Write) | On- Notify provisioning server of an IP change. Off- Do not notify provisioning server of an IP change. | Enum | 0 | Off;On | Not applicable |
| LifecycleController.LCAttributes.Licensed (Read only) | Indicates if the Part Replacement feature is licensed or not | Enum | 0 | No;Yes | Not applicable |
| LifecycleController.LCAttributes.LifecycleControllerState (Read or Write) | Enables or disables Lifecycle Controller. | Enum | 1 | Disabled;Enabled;Recovery | Not applicable |
| LifecycleController.LCAttributes.PartConf | Apply hardware configuration to the replaced part on part replacement. | Enum | 1 | Disabled;Apply Always;Apply only if | iDRAC Express or iDRAC Enterprise |

| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|--|--|----------------|---------------|---|---|
| igurationUpdate (Read or Write) | | | | Firmware Match | |
| LifecycleController.L CAAttributes.PartFirm wareUpdate (Read or Write) | Apply firmware changes to the replaced part on part replacement. | Enum | 2 | Disable;Allow version upgrade only;Match firmware of replaced part | iDRAC Express or iDRAC Enterprise |
| LifecycleController.L CAAttributes.Provision ingServer (Read or Write) | Provisioning server address and port. | String | | | iDRAC Express or iDRAC Enterprise |
| LifecycleController.L CAAttributes.SystemI D (Read only) | Dell System ID | String | | | Not applicable |
| LifecycleController.L CAAttributes.UserProx yPassword (Read or Write) | Proxy Password default if not provided | Password | | | Not applicable |
| LifecycleController.L CAAttributes.UserProx yPort (Read or Write) | Proxy Port default if not provided. Proxy Port is limited to values in the range of 0 - 65535. | String | 80 | | Not applicable |
| LifecycleController.L CAAttributes.UserProx yServer (Read or Write) | Proxy server default if not provided. | String | | | Not applicable |
| LifecycleController.L CAAttributes.UserProx yType (Read or Write) | Proxy Type default if not provided | Enum | 0 | HTTP; SOCKS | Not applicable |
| LifecycleController.L CAAttributes.UserProx yUserName (Read or Write) | Proxy user name default if not provided. | String | | | Not applicable |
| LifecycleController.L CAAttributes.VirtualAd dressManagementA pplication (Read or Write) | The console name of the Virtual Address Management Application.VirtualAddressManagement attribute is set to CurrentValue equals "Console". | String | | | Not applicable |



System attributes

Table 3. Details of system attributes

| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|---|---|----------------|---------------|--|------------------|
| System.Backplane.BackplaneBusMode (Read only) | Enclosure serial interface type, either SGPIO or I2C | Enum | 1 | Unknown;I2C;SGPIO | Not applicable |
| System.Backplane.BackplaneSplitMode (Read or Write) | Enclosure split mode setting | Integer | 0 | | Not applicable |
| System.Diagnostics.OSAppCollectionTime (Read only) | Displays the last OS and Application Data collection time | String | | | Not applicable |
| System.LCD.ChassisIdentifyDuration (Read or Write) | Enable/Disable chassis Identify. A value of -1 = force on indefinitely; 0 = Off; > 0 number of seconds chassis identify is on | Integer | 0 | | Not applicable |
| System.LCD.ChassisIdentifyEnable (Read or Write) | Deprecated -- attribute not used | Enum | 0 | Interval-Driven;ForceOn | Not applicable |
| System.LCD.Configuration (Read or Write) | Current LCD configuration. If this is set to User Defined, the User defined string will be displayed on the LCD. | Enum | 32 | User Defined;Model Name;None;iDRAC IPv4 Address;iDRAC MAC Address;OS System Name;Service Tag;IPv6 Address;Ambient Temperature;Airflow;System Watts;Asset Tag;Post;ADStat;ADTime;ADComp;ADErr | Not applicable |
| System.LCD.CurrentDisplay (Read only) | The string currently displayed on the LCD | String | | | Not applicable |
| System.LCD.ErrorDisplayMode (Read or Write) | LCD error message format selection SEL or simple where simple format include the message ID. | Enum | 1 | SEL;simple | Not applicable |
| System.LCD.FrontPanelLocking (Read or Write) | Sets LCD button interface to Full-Access;View-Only; or No access (Locked) | Enum | 0 | Full-Access;View-Only;Locked | Not applicable |
| System.LCD.HideErrors (Read or Write) | Hide or unhide errors displayed on LCD screen. | Enum | 1 | hide;unhide | Not applicable |

| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|--|---|----------------|---------------|--|------------------|
| System.LCD.LicenseMsgEnable (Read or Write) | Enable/disable display of no license available for certain licensable features. | Enum | 0 | No-License-Msg;Display-Licens-Msg | Not applicable |
| System.LCD.NMIResetOverride (Read or Write) | Enable/disables iDRAC reset capability via the Chassis ID button | Enum | 0 | Disabled;IDButtonResets;IDButtonDoesNotReset | Not applicable |
| System.LCD.NumberErrsHidden (Read only) | The number of hidden LCD active errors | Integer | 0 | | Not applicable |
| System.LCD.NumberErrsVisible (Read only) | The number of visible LCD active errors | Integer | 0 | | Not applicable |
| System.LCD.QualifierTemp (Read or Write) | Specifies Ambient Temperature Qualifier | Enum | 0 | C;F | Not applicable |
| System.LCD.QualifierWatt (Read or Write) | Specifies System Watt Qualifier | Enum | 0 | Watts;BTU/hr | Not applicable |
| System.LCD.UserDefinedString (Read or Write) | User defined custom string for display on LCD | String | | | Not applicable |
| System.LCD.vConsoleIndication (Read or Write) | Virtual Console Indication | Enum | 1 | Disabled;Enabled | Not applicable |
| System.OpenIDConnectServer.DiscoveryURL (Read or Write) | Discovery URL | String | | | Not applicable |
| System.OpenIDConnectServer.Enabled (Read or Write) | Server state | Enum | 0 | Disabled;Enabled | Not applicable |
| System.OpenIDConnectServer.HttpsCertificate (Read or Write) | HTTPS public certificate | String | | | Not applicable |
| System.OpenIDConnectServer.Name (Read or Write) | Server name | String | | | Not applicable |
| System.OpenIDConnectServer.RegistrationDetails (Read or Write) | Registration details | String | | | Not applicable |
| System.OpenIDConnectServer.RegistrationStatus (Read only) | Registration status | String | | | Not applicable |
| System.PCIESlotLFM.3rdPartyCard (Read only) | 3rd Party PCIe Card may benefit from additional settings | Enum | 2 | No;Yes;N/A | Not applicable |
| System.PCIESlotLFM.CardType (Read only) | Type of PCIe card installed | String | | | Not applicable |



| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|--|---|----------------|---------------|-------------------------------|------------------|
| System.PCIESlotLFM.CustomLFM (Read or Write) | Minimum airflow to be delivered the installed PCIe card | Integer | 0 | | Not applicable |
| System.PCIESlotLFM.LFMMode (Read or Write) | Cooling Response Mode | Enum | 0 | Automatic;Disabled;Custom | Not applicable |
| System.PCIESlotLFM.MaxLFM (Read only) | Estimated airflow delivered to the slot at full fan speed | Integer | 0 | | Not applicable |
| System.PCIESlotLFM.SlotState (Read only) | PCIe slot physically exists | Enum | 0 | Not-Defined;Defined | Not applicable |
| System.PCIESlotLFM.TargetLFM (Read only) | Minimum airflow provisioned for the installed PCIe card | String | - | | Not applicable |
| System.PowerHistorical.IntervalInSeconds (Read or Write) | Time interval between two power reading in the graph. | Integer | 0 | | Not applicable |
| System.QuickSync.Access (Read or Write) | Sets QuickSync access permission | Enum | 2 | Disabled;Read-only;Read-write | Not applicable |
| System.QuickSync.InactivityTimeout (Read or Write) | Quick Sync Inactivity Timeout value specified in seconds with max value of 3600 seconds | Integer | 120 | | Not applicable |
| System.QuickSync.InactivityTimerEnable (Read or Write) | Enables or disables the QuickSync inactivity timer | Enum | 1 | Disabled;Enabled | Not applicable |
| System.QuickSync.Presence (Read only) | Indicates the presence or absence of the QuickSync hardware | Enum | 0 | Not Supported;Absent;Present | Not applicable |
| System.QuickSync.ReadAuthentication (Read or Write) | Enables or disables QuickSync read authentication to the server | Enum | 1 | Disabled;Enabled | Not applicable |
| System.QuickSync.WifiEnable (Read or Write) | Enables or disables QuickSync Wifi access | Enum | 1 | Disabled;Enabled | Not applicable |
| System.SC-BMC.PowerMonitoring (Read or Write) | Power monitoring | Integer | 0 | | Not applicable |
| System.SCP.RepositoryUpdate (Read or Write) | Repository update | String | | | Not applicable |
| System.ServerInfo.NodeID (Read only) | Specifies the system node ID. | String | | | Not applicable |
| System.ServerInfo.ChassisServiceTag (Read only) | Provides the system chassis-related service tag. | String | | | Not applicable |
| System.ServerInfo.ServiceTag (Read only) | Specifies the system service tag. | String | | | Not applicable |

| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|--|---|----------------|---------------|----------------------------------|-----------------------------------|
| System.ServerOS.HostName (Read or Write) | Server Host Name | String | | | Not applicable |
| System.ServerOS.OperatingSystemVersion (Read only) | Server OEM OS Version | String | | | Not applicable |
| System.ServerOS.OperatingSystemName (Read or Write) | Server Operating System | String | | | Not applicable |
| System.ServerOS.OperatingSystemVersion (Read only) | Server OS Version | String | | | Not applicable |
| System.ServerOS.ServerPoweredOnTime (Read only) | Indicates the time since the Host OS has been powered on (seconds). | Integer | 0 | | Not applicable |
| System.ServerPower.ActivePolicyName (Read only) | The active power cap policy name | String | | | iDRAC Express or iDRAC Enterprise |
| System.ServerPower.ActivePowerCapValue (Read only) | Set the Active Power Cap value | Integer | 32767 | | iDRAC Express or iDRAC Enterprise |
| System.ServerPower.PowerCapMaxThreshold (Read only) | Maximum threshold for Power Cap | Integer | 32767 | | iDRAC Express or iDRAC Enterprise |
| System.ServerPower.PowerCapMinThreshold (Read only) | Minimum threshold for Power Cap | Integer | 0 | | iDRAC Express or iDRAC Enterprise |
| System.ServerPower.PowerCapSetting (Read or Write) | Enables or Disables setting the power cap value | Enum | 0 | Disabled;Enabled | iDRAC Express or iDRAC Enterprise |
| System.ServerPower.PowerCapValue (Read or Write) | Indicates maximum power consumption limit in Watts | Integer | 32767 | | iDRAC Express or iDRAC Enterprise |
| System.ServerPower.PFCEnabled (Read or Write) | Enable the Power Supply Power Factor Correction | Enum | 0 | Disabled;Enabled | Not applicable |
| System.ServerPower.PSRapidOn (Read or Write) | Enable the Power Supply Rapid On | Enum | 1 | Disabled;Enabled | Not applicable |
| System.ServerPower.PSRedPolicy (Read or Write) | Specify the Power Supply redundancy policy | Enum | 0 | Not Redundant;A/B Grid Redundant | Not applicable |
| System.ServerPower.RapidOnPrimaryPSU (Read or Write) | The Rapid On Primary PSU | Enum | 1 | PSU1;PSU2 | Not applicable |
| System.ServerPowerMon.AccumulativePower (Read only) | Total power in energy consumed by server from start time. | Integer | 0 | | Not applicable |
| System.ServerPowerMon.CumulativePower (Read only) | Start of time period from which cumulative power is calculated. | Integer | 0 | | Not applicable |



| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|--|--|----------------|---------------|---|------------------|
| StartTime (Read only) | | | | | |
| System.ServerPowerOn.CumulativePowerStartTimeStr (Read only) | The start time when cumulative power is recorded. | String | 0 | | Not applicable |
| System.ServerPowerOn.MinPowerTime (Read only) | The time when minimum power is recorded. | Integer | 0 | | Not applicable |
| System.ServerPowerOn.MinPowerTimeStr (Read only) | The time when minimum power is recorded. | String | 0 | | Not applicable |
| System.ServerPowerOn.MinPowerWatts (Read only) | Minimum Power Historical | Integer | 65553 | | Not applicable |
| System.ServerPowerOn.PeakCurrentTime (Read only) | Time at which the server observed the maximum current from start time. | Integer | 0 | | Not applicable |
| System.ServerPowerOn.PeakCurrentTimeStr (Read only) | The time when peak current is recorded. | String | 0 | | Not applicable |
| System.ServerPowerOn.PeakPowerStartTime (Read only) | Start of time period for which peak power is recorded. | Integer | 0 | | Not applicable |
| System.ServerPowerOn.PeakPowerStartTimeStr (Read only) | The start time when peak power is recorded. | String | 0 | | Not applicable |
| System.ServerPowerOn.PeakPowerTime (Read only) | Time at which the server consumed the maximum power from start time. | Integer | 0 | | Not applicable |
| System.ServerPowerOn.PeakPowerTimeStr (Read only) | The time when peak power is recorded. | String | 0 | | Not applicable |
| System.ServerPowerOn.PeakPowerWatts (Read only) | Maximum power consumed by server from the start time. | Integer | 0 | | Not applicable |
| System.ServerPowerOn.PowerConfigReset (Read or Write) | Resets the power statistics starting time. (Write only). | Enum | 0 | None;ClrCumulaPowerAndTime;ClrPeakValueAndTime;ClrAll;ClrPeakAndCumulaValue | Not applicable |
| System.ServerTopology.AisleName (Read or Write) | The aisle the system is located in. | String | | | Not applicable |
| System.ServerTopology.DataCenterName (Read or Write) | The data center the system is located in. | String | | | Not applicable |
| System.ServerTopology.RackName (Read or Write) | Name of the rack on which the system is located. | String | | | Not applicable |



| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|---|---|----------------|---------------|-------------------------|------------------|
| System.ServerTopology.RackSlot (Read or Write) | Slot in the rack where the system is located | Integer | 1 | | Not applicable |
| System.ServerTopology.RoomName (Read or Write) | Room Name | String | | | Not applicable |
| System.ServerTopology.SizeOfManagedSystemInU (Read only) | Measure of thickness of the system in U | Integer | 1 | | Not applicable |
| System.Storage.AvailableSpareAlertThreshold (Read or Write) | Displays the system level user configured threshold value for available spare value of the SSD devices connected to system. | Integer | 10 | 1-99 | Not applicable |
| System.Storage.RemainingRatedWriteEnduranceAlertThreshold (Read or Write) | Displays the system level user configured threshold value for write endurance value of the SSD devices connected to system. | Integer | 10 | 1-99 | Not applicable |
| System.ThermalConfig.CriticalEventGenerationInterval (Read or Write) | Indicates time interval in days for critical events to be generated | Integer | 30 | | Not applicable |
| System.ThermalConfig.EventGenerationInterval (Read or Write) | Indicates time interval in days for warning events to be generated | Integer | 30 | | Not applicable |
| System.ThermalConfig.FreshAirCompliantConfiguration (Read only) | Indicates if the system is a Fresh Air compliant configuration | Enum | 1 | Not Applicable;Yes;No | Not applicable |
| System.ThermalConfig.MaxCFM (Read only) | | Integer | 0 | | Not applicable |
| System.ThermalConfig.ValidFanConfiguration (Read only) | Valid Fan Configuration | Enum | 2 | No;Yes;NotApplicable | Not applicable |
| System.ThermalHistorical.IntervalInSeconds (Read or Write) | Specifies the time resolution | Integer | 0 | | Not applicable |
| System.ThermalSettings.AirExhaustTemperature (Read or Write) | Specifies the Average Air Exhaust Temperature | Enum | 255 | 40;45;50;55;60;65;70 | Not applicable |
| System.ThermalSettings.AirExhaustTemperatureSupport (Read only) | Specifies if the Average Air Exhaust Temperature is supported | Enum | 0 | Not Supported;Supported | Not applicable |
| System.ThermalSettings.FanSpeedHighOffsetVal (Read only) | Specifies the Fan Speed High Offset Value | Integer | 0 | | Not applicable |
| System.ThermalSettings.FanSpeedLowOffsetVal (Read only) | Specifies the Fan Speed Low Offset Value | Integer | 0 | | Not applicable |



| Attribute name | Description | Attribute Type | Default Value | Legal Values | License Required |
|---|--|----------------|---------------|--|------------------|
| System.ThermalSettings.FanSpeedMaxOffsetVal (Read only) | Specifies the Fan Speed Max Offset Value | Integer | 0 | | Not applicable |
| System.ThermalSettings.FanSpeedMediumOffsetVal (Read only) | Specifies the Fan Speed Medium Offset Value | Integer | 0 | | Not applicable |
| System.ThermalSettings.FanSpeedOffset (Read or Write) | Specifies the Fan Speed Offset | Enum | 255 | Low;High;Medium;Max;Off | Not applicable |
| System.ThermalSettings.MFSMaximumLimit (Read only) | Specifies the MFS Maximum Limit | Integer | 100 | | Not applicable |
| System.ThermalSettings.MFSMinimumLimit (Read only) | Specifies the MFS Minimum Limit | Integer | 0 | | Not applicable |
| System.ThermalSettings.MinimumFanSpeed (Read or Write) | Minimum Fan Speed | Integer | 255 | | Not applicable |
| System.ThermalSettings.PCISlotLFMSupport (Read or Write) | Specifies if the PCIe LFM feature is supported | Enum | 0 | Not Supported;Supported | Not applicable |
| System.ThermalSettings.SystemCFMSupport (Read only) | Specifies if the System CFM is supported | Enum | 0 | Not Supported;Supported | Not applicable |
| System.ThermalSettings.ThermalProfile (Read or Write) | Specifies the Thermal Profile | Enum | 0 | Default Thermal Profile Settings;Maximum Performance;Minimum Power;Sound Cap | Not applicable |
| System.ThermalSettings.ThirdPartyPCIFanResponse (Read or Write) | Third Party PCI fan response | Enum | | Disabled;Enabled | Not applicable |
| System.USBFront.Enable (Read or Write) | Enables or disables the host front USB port. This setting can be overwritten by BIOS Menu setting. | Enum | 0 | Enabled;Disabled;Not Applicable | Not applicable |