

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.GlobalCatalogEnable (Read or Write)	Determines how the global catalog server is looked up.	Enum	0	Disabled;Enabled	iDRAC Enterprise
iDRAC.ActiveDirectory.GlobalCatalogRootDomain (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
iDRAC.ActiveDirectory.RacDomain (Read or Write)	Active Directory Domain in which iDRAC resides.	String			iDRAC Enterprise

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
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.DuplicateAddressDetected (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
iDRAC.CurrentIPv6.Address13 (Read only)	iDRAC IPv6 thirteenth address	String	::		Not applicable

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
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.Auto Config (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.IPV6 NumOfExtAddress (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.Prefix Length (Read only)	Prefix length for the iDRAC IPv6 Address	Integer	64		Not applicable
iDRAC.CurrentNIC.Active NIC (Read only)	Currently Active iDRAC network interface	Enum	1	None;Dedicated;LOM1;LOM2;LOM3;LOM4;LOM5;LOM6;LOM7;LOM8;LOM9;LOM10;LOM11;LOM12;LOM13;LOM14;LOM15;LOM16	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	None;LOM1;LOM2;LOM3;LOM4;LOM5;LOM6;LOM7;LOM8;LOM9;LOM10;LOM11;LOM12;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.Autonegot (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.Select (Read only)	Specifies the current mode of operation for the iDRAC network interface controller	Enum	1	Dedicated;LOM1;LOM2;LOM3;LOM4	Not applicable
iDRAC.CurrentNIC.SharedNICScanTime (Read only)	Dedicated to Shared Failover Timeout	Integer	30		Not applicable

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
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		By accessing this computer, you confirm that such access complies with your organization's security policy.	Not applicable

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
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	.0.1		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
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;Discarded	Not applicable
iDRAC.IntegratedDatacenter.TroubleshootingMode (Read or Write)	Troubleshooting Mode	Enum	0	Disabled;Enabled	Not applicable

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
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
iDRAC.IOIDOpt.VirtualAddressPersistencePolicyNonAuxPwr (Read or Write)	Virtual Address Persistence Policy Non Auxiliary Powered	Enum	1	None;WarmReset;ColdReset;WarmReset, ColdReset;ACPowerLoss;WarmReset,	Not applicable

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
				ACPowerLoss;ColdReset, ACPowerLoss;WarmReset, ColdReset, ACPowerLoss	
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.RangeEnabled (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
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	000000000000000000000000		

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
			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.ChannelPrivLimit (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
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

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
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
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

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
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.IPv6NumOfExtendedAddress (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
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

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
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.CertValidationEnable (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.UserAttribute (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
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

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
iDRAC.LocalSecurity.KCS Access (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.System Lockdown (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
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

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
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
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

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
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.IdracPTEpIpAddr (Read or Write)	IDRAC PTE IP Address	String	169.254.0.1		Not applicable
iDRAC.OS-BMC.OsIpAddress (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
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.SenderEmail (Read or Write)	Specifies the address of emails sent by iDRAC	String			iDRAC Express or iDRAC Enterprise

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
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;Attachment	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
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

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
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;LOM3;LOM4	Not applicable
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

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
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 disconnected. The special value 0 disables the timeout.	Integer	300		Not applicable
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

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
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.LifecycleLogReplication (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
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	iDRAC Enterprise

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
iDRAC.SNMP.AgentCommunity (Read or Write)	Specifies the SNMP community name to be used for SNMP Agents	String	public	With Racadm	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
iDRAC.SNMPTrapIPv4.DestinationNum (Read only)	Identifier number for the trap destination.	Integer	1		Not applicable
iDRAC.SNMPTrapIPv4.DestinationIPv4Addr (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.DestinationIPv6Addr (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

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
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
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

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
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
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	0000000000000000000000000000		
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.PowerLogEnable (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

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
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.SysLogEnable (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
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

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
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
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	iDRAC Express or iDRAC Enterprise

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
				Access;Deny Access	
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
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

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
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
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.MaxNumberOfSessions (Read only)	Max session allowed	Integer	8		Not applicable
iDRAC.WebServer.MaxSessions (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

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
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.LCAAttributes.AutoBackup (Read or Write)	Enables or disables the automatic backup scheduler.	Enum	0	Disabled; Enabled	iDRAC Enterprise
LifecycleController.LCAAttributes.AutoDiscovery (Read only)	Indicates if Auto Discovery feature is turned off or on.	Enum	0	Off; On	iDRAC Express or iDRAC Enterprise
LifecycleController.LCAAttributes.AutoUpdate (Read or Write)	Enables or disables the automatic update scheduler.	Enum	0	Disabled;Enabled	iDRAC Enterprise
LifecycleController.LCAAttributes.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.LCAAttributes.CollectSystemInventoryOnRestart (Read or Write)	Enables or disables collection of system inventory on host reboot.	Enum	1	Disabled;Enabled	Not applicable
LifecycleController.LCAAttributes.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.LCAAttributes.IgnoreCertificateWarning (Read or Write)	Ignore Certificate warning default when not provided.	Enum	1	Off;On	Not applicable
LifecycleController.LCAAttributes.IPAddress (Read or Write)	IP Address of the network share	String			Not applicable
LifecycleController.LCAAttributes.IPChangeEventNotifyPS (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.LCAAttributes.Licensed (Read only)	Indicates if the Part Replacement feature is licensed or not	Enum	0	No;Yes	Not applicable
LifecycleController.LCAAttributes.LifecycleControllerState (Read or Write)	Enables or disables Lifecycle Controller.	Enum	1	Disabled;Enabled;Recovery	Not applicable
LifecycleController.LCAAttributes.PartConfigurationUpdate (Read or Write)	Apply hardware configuration to the replaced part on part replacement.	Enum	1	Disabled;Apply Always;Apply only if Firmware Match	iDRAC Express or iDRAC Enterprise

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
LifecycleController.LCAttributes.PartFirmwareUpdate (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.LCAttributes.ProvisioningServer (Read or Write)	Provisioning server address and port.	String			iDRAC Express or iDRAC Enterprise
LifecycleController.LCAttributes.SystemID (Read only)	Dell System ID	String			Not applicable
LifecycleController.LCAttributes.UserProxyPassword (Read or Write)	Proxy Password default if not provided	Password			Not applicable
LifecycleController.LCAttributes.UserProxyPort (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.LCAttributes.UserProxyServer (Read or Write)	Proxy server default if not provided.	String			Not applicable
LifecycleController.LCAttributes.UserProxyType (Read or Write)	Proxy Type default if not provided	Enum	0	HTTP; SOCKS	Not applicable
LifecycleController.LCAttributes.UserProxyUserName (Read or Write)	Proxy user name default if not provided.	String			Not applicable
LifecycleController.LCAttributes.VirtualAddressManagementApplication (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
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

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
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.PCISlotLFM.3rdPartyCard (Read only)	3rd Party PCIe Card may benefit from additional settings	Enum	2	No;Yes;N/A	Not applicable
System.PCISlotLFM.CardType (Read only)	Type of PCIe card installed	String			Not applicable
System.PCISlotLFM.CustomLFM (Read or Write)	Minimum airflow to be delivered the installed PCIe card	Integer	0		Not applicable

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
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
System.ServerOS.HostName (Read or Write)	Server Host Name	String			Not applicable

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
System.ServerOS.OEMOSVersion (Read only)	Server OEM OS Version	String			Not applicable
System.ServerOS.OSName (Read or Write)	Server Operating System	String			Not applicable
System.ServerOS.OSVersion (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.ServerPwr.ActivePolicyName (Read only)	The active power cap policy name	String			iDRAC Express or iDRAC Enterprise
System.ServerPwr.ActivePowerCapVal (Read only)	Set the Active Power Cap value	Integer	32767		iDRAC Express or iDRAC Enterprise
System.ServerPwr.PowerCapMaxThres (Read only)	Maximum threshold for Power Cap	Integer	32767		iDRAC Express or iDRAC Enterprise
System.ServerPwr.PowerCapMinThres (Read only)	Minimum threshold for Power Cap	Integer	0		iDRAC Express or iDRAC Enterprise
System.ServerPwr.PowerCapSetting (Read or Write)	Enables or Disables setting the power cap value	Enum	0	Disabled;Enabled	iDRAC Express or iDRAC Enterprise
System.ServerPwr.PowerCapValue (Read or Write)	Indicates maximum power consumption limit in Watts	Integer	32767		iDRAC Express or iDRAC Enterprise
System.ServerPwr.SPFCEnabled (Read or Write)	Enable the Power Supply Power Factor Correction	Enum	0	Disabled;Enabled	Not applicable
System.ServerPwr.SRRapidOn (Read or Write)	Enable the Power Supply Rapid On	Enum	1	Disabled;Enabled	Not applicable
System.ServerPwr.SRedPolicy (Read or Write)	Specify the Power Supply redundancy policy	Enum	0	Not Redundant;A/B Grid Redundant	Not applicable
System.ServerPwr.RapidOnPrimaryPSU (Read or Write)	The Rapid On Primary PSU	Enum	1	PSU1;PSU2	Not applicable
System.ServerPwrMon.AccumulativePower (Read only)	Total power in energy consumed by server from start time.	Integer	0		Not applicable
System.ServerPwrMon.CumulativePowerStartTime (Read only)	Start of time period from which cumulative power is calculated.	Integer	0		Not applicable
System.ServerPwrMon.CumulativePower (Read only)	The start time when cumulative power is recorded.	String	0		Not applicable

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
StartTimeStr (Read only)					
System.ServerPower.MinPowerTime (Read only)	The time when minimum power is recorded.	Integer	0		Not applicable
System.ServerPower.MinPowerTimeString (Read only)	The time when minimum power is recorded.	String	0		Not applicable
System.ServerPower.MinPowerWatts (Read only)	Minimum Power Historical	Integer	65553		Not applicable
System.ServerPower.PeakCurrentTime (Read only)	Time at which the server observed the maximum current from start time.	Integer	0		Not applicable
System.ServerPower.PeakCurrentTimeString (Read only)	The time when peak current is recorded.	String	0		Not applicable
System.ServerPower.PeakPowerStartTime (Read only)	Start of time period for which peak power is recorded.	Integer	0		Not applicable
System.ServerPower.PeakPowerStartTimeStr (Read only)	The start time when peak power is recorded.	String	0		Not applicable
System.ServerPower.PeakPowerTime (Read only)	Time at which the server consumed the maximum power from start time.	Integer	0		Not applicable
System.ServerPower.PeakPowerTimeString (Read only)	The time when peak power is recorded.	String	0		Not applicable
System.ServerPower.PeakPowerWatts (Read only)	Maximum power consumed by server from the start time.	Integer	0		Not applicable
System.ServerPower.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
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

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
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
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

Attribute name	Description	Attribute Type	Default Value	Legal Values	License Required
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