

System Director Defaults and Limits - v1 (13-Sep)

Global IKE Policy Parameters

Name	Description	Default Value	Min Value	Max Value
EncryptionAlgorithm	Encrypt Algorithm	3DES	N/A	N/A
AuthenticateAlgorithm	Auth Algorithm	Pre-shared-Key	N/A	N/A
HashAlgorithm	Hash Algorithm	sha	N/A	N/A
PFSEnabled	PFS Enabled	off	N/A	N/A
DHGroup	Diffie-Hellman Group	2	N/A	N/A
IkeLifeTime	Global IKE Life Time	28000	60	28000

IPSec Configuration

Name	Description	Default Value	Min Value	Max Value
IpSecMode	IPSec Mode	TUNNEL	N/A	N/A
IpSecDataChannelType	IPSec Data Channel	ESP	N/A	N/A
EncryptionAlgorithm	Encryption Algorithm	3DES	N/A	N/A
AuthAlgorithm	Authentication Algorithm	SHA-HMAC	N/A	N/A

Global Quality-of-Service Parameters

Name	Description	Default Value	Min Value	Max Value
QosAdmissionControl	Admission Control	admitall	N/A	N/A
QosDropPolicy	Drop Policy	head	N/A	N/A
QosDefaultTimeToLive	Default Time-to-live (seconds)	N/A	0	65535
QosUdpTimeToLive	UDP Time-to-live (seconds)	N/A	0	65535
QosTcpTimeToLive	TCP Time-to-live (seconds)	N/A	0	65535
PercentBWScaling	Bandwidth Scaling (percent)	N/A	1	100
QosMaxCallsPerAp	Maximum Calls Per AP	N/A	0	256
QosMaxCallsPerInterfRegion	Maximum Calls Per Interference Region	N/A	0	256
QosLoadBalanceMaxStationsPerAp	Maximum Stations Per Radio	N/A	0	128
QosLoadBalanceMaxStationsPerBssid	Maximum Stations Per BSSID	N/A	0	1023
QosMaxCallsPerBssid	Maximum Calls Per BSSID	N/A	0	1023
QosStationAssignAge	Station Assignment Aging Time (seconds)	N/A	5	2000
QosSipldleTimeout	SIP Idle Timeout (seconds)	N/A	5	3600

RogueAP Global Settings

Name	Description	Default Value	Min Value	Max Value
Aging	Rogue AP Aging (seconds)	N/A	60	86400
MitigateAps	Number of Mitigating APs	N/A	1	20
ScanningTime	Scanning time in ms	N/A	100	500
OperationalTime	Operational time in ms	N/A	100	5000
MitigationFrames	Max mitigation frames sent per channel	N/A	1	50
MinRSSI	RSSI Threshold for Mitigation	N/A	-100	0

Global Controller Parameters

Name	Description	Default Value	Min Value	Max Value
XmlVersion	database.xml version	8	N/A	N/A
AutoApUpgrade	Automatic AP Upgrade	off	N/A	N/A
StatPollingPeriod	Statistics Polling Period (seconds)/0 disable Polling	N/A	5	65535
AuditPeriod	Audit Polling Period (seconds)/0 disable Polling	N/A	5	65535
ControllerIndex	Controller Index	N/A	0	31
FastPath	FastPath Mode	on	N/A	N/A
Bonding	Bonding Mode	single	N/A	N/A
AthSifs	Atheros SIFS	16	N/A	N/A
StationAgingOutPeriod	Station Aging Out Period(minutes)	2	0	65535

Name	Description	Default Value	Min Value	Max Value
AuthPaeReAuthMax	AuthPaeReAuthMax	4	1	10
AuthPaeTxPeriod	AuthPaeTxPeriod	30	1	65535
ReAuthEnable	Reauthentication	on	N/A	N/A
EnableMacFiltering	MAC Filtering	off	N/A	N/A
FirewallCapability	Firewall Capability	none	N/A	N/A
SecurityLogging	Security Logging	off	N/A	N/A
EnablePmkCaching	Enable PMK caching	on	N/A	N/A
Owner	Owner	controller	N/A	N/A
secVersion	Security Profile Version	0	N/A	N/A

VLAN Configuration

Name	Description	Default Value	Min Value	Max Value
Index	VLAN Index Assigned by the Controller	N/A	1	512
Tag	Tag	N/A	1	4094
InterfaceIndex	Ethernet Interface Index	N/A	1	2
OverrideDefaultDHCPServer	Override Default DHCP Server Flag	off	N/A	N/A
DHCPServerIpAddress	DHCP Server IP Address	0.0.0.0	N/A	N/A
DhcpRelayPassThroughFlag	DHCP Relay Pass-Through	on	N/A	N/A
Owner	Owner	controller	N/A	N/A
vlanVersion	VLAN Profile Version	0	N/A	N/A

Security Rules

Name	Description	Default Value	Min Value	Max Value
Priority	Rule Priority	N/A	1	65535
L2Mode	L2 Mode	clear	N/A	N/A
L3Mode	L3 Mode	clear	N/A	N/A
Action	Security Rule Action	allow	N/A	N/A
VlanIndex	VLAN Index	N/A	1	512

ESS Profile

Name	Description	Default Value	Min Value	Max Value
EssIdNumber	SSID Number	N/A	0	64
State	Enable/Disable	enable	N/A	N/A
RemoteApEssId	Remote AP	off	N/A	N/A
SecurityProfileName	Security Profile	default	N/A	N/A
PrimaryAccountingRadiusEnabled	Enable Primary RADIUS Accounting Server	off	N/A	N/A
PrimaryAccountingRadiusIp	Primary RADIUS Accounting IP Address	0.0.0.0	N/A	N/A
PrimaryAccountingRadiusPort	Primary RADIUS Accounting Port	1813	0	65535
SecondaryAccountingRadiusEnabled	Enable Secondary RADIUS Accounting Server	off	N/A	N/A
SecondaryAccountingRadiusIp	Secondary RADIUS Accounting IP Address	0.0.0.0	N/A	N/A
SecondaryAccountingRadiusPort	Secondary RADIUS Accounting Port	1813	0	65535
AccountingInterimInterval	Accounting Interim Interval (seconds)	3600	600	36000
BeaconInterval	Beacon Interval (msec)	100	20	1000
SendBeacons	Send Beacons	on	N/A	N/A
PublishEssId	SSID Broadcast	on	N/A	N/A
L2Bridging	Bridging	00000000000000000000000000000000	N/A	N/A
JoinOnDiscovery	New AP's Join ESS	on	N/A	N/A
VlanSupport	Tunnel Interface Type	none	N/A	N/A
VlanIndex	VLAN Index Assigned by the Controller	N/A	1	512
AllowMulticast	Allow Multicast Flag	off	N/A	N/A
WirelessToWirelessIsolation	Isolate Wireless To Wireless traffic	off	N/A	N/A
BeaconCoordinationMode	Beacon Coordination Mode	centralized	N/A	N/A
MulticastToUnicastConversion	Multicast-to-Unicast Conversion	on	N/A	N/A

Wireless Interface Configuration

Name	Description	Default Value	Min Value	Max Value
lfShortPreambleFlag	Short Preamble	on	N/A	N/A
lfTxPower	Transmit Power (dBm) (low,medium,high)	21	N/A	N/A
lfHtProtectionMode	HT Protection Mode	off	N/A	N/A
lfDetectionOperational	Detection Operational (ms)	400	10	60000
lfDetectionScan	Detection Scan (ms)	100	10	60000
lfFastOperational	Fast Operational (ms)	100	10	60000
lfFastScan	Fast Scan (ms)	110	10	60000
lfMitigationOperational	Mitigation Operational (ms)	100	10	60000
lfMitigationScan	Mitigation Scan (ms)	30	10	60000
lfRogueTimeout	Rogue Timeout	120000	5000	2000000
lfMaxDuration	Maximum Duration	60000	5000	2000000
lfSample	Sample (ms)	1000	10	60000
channelWidth	Channel Width	40-mhz-extension-channel-above	N/A	N/A
ChannelCenterFrequency	Channel Center Frequency Index (0=N/A)	42	N/A	N/A
NOnlyMode	802.11n only mode	off	N/A	N/A
RFVMode	RF Virtualization Mode	VirtualPort	N/A	N/A
ProbeResponseThreshold	Probe Response Threshold	15	0	100
lfMeshStatus	Mesh Service Admin Status	disable	N/A	N/A
TransmitBeamformingSupport	Transmit Beamforming Support	off	N/A	N/A
STBCSupport	STBC Support	off	N/A	N/A
ChangeToConfChannel	Change Channel	disable	N/A	N/A
DFSFallbackOption	DFS Fallback Option	disable	N/A	N/A
DFSChanRevertive	DFS Channel Revertive(minutes)	30	30	1440
VoiceScalePreference	Voice Scale Enabled	disable	N/A	N/A
FallbackChannelCenterFrequency	DFS Fallback Channel Center Frequency (0=N/A)	42	N/A	N/A

IP Addresses

Name	Description	Default Value	Min Value	Max Value
lfNumber	Interface Number	2	1	2

QoS Codec Rules

Name	Description	Default Value	Min Value	Max Value
Id	ID	1	0	6000
QosCtrCodecEnum	Codec	default	N/A	N/A
QosCtrTspecTokenBucketRate	Token Bucket Rate (0-1,000,000 bytes/second)	0	0	1000000
QosCtrTspecTokenBucketSize	Token Bucket Size (0-16,000 bytes)	8	0	16000
QosCtrTspecPeakRate	Peak Rate (0-1,000,000 bytes/second)	0	0	1000000
QosCtrTspecMaxDatagramSize	Maximum Packet Size (0-1,500 bytes)	1500	0	1500
QosCtrTspecMinPolicedUnit	Minimum Policed Unit (0-1,500 bytes)	1500	0	1500
QosCtrRspecRate	Reservation Rate (0-1,000,000 bytes/second)	0	0	1000000
QosCtrRspecSlack	Reservation Slack (0-1,000,000 microseconds)	0	0	1000000
QosCtrSampleRate	Packet Rate (0-200 packets/second)	0	0	200

QoS and Firewall Rules

Name	Description	Default Value	Min Value	Max Value
Id	ID	N/A	0	6000
IdFlag	Id match	00000000000000000000000000000000	N/A	N/A
IdUfcFlag	Id Class flow class	on	N/A	N/A
DstIp	Destination IP	0.0.0.0	N/A	N/A
DstIpFlag	Destination IP match	00000000000000000000000000000000	N/A	N/A
DstIpUfcFlag	Destination IP flow class	00000000000000000000000000000000	N/A	N/A
DstMask	Destination Netmask	0.0.0.0	N/A	N/A
DstIpV6Flag	Destination IPv6 match	00000000000000000000000000000000	N/A	N/A

Name	Description	Default Value	Min Value	Max Value
DstIpv6UfcFlag	Destination IPv6 flow class	00000000000000000000000000000000	N/A	N/A
DstIpv6NetMask	Destination IPv6 NetMask Bits	N/A	0	128
DstPort	Destination Port	0	0	65535
DstPortFlag	Destination Port match	00000000000000000000000000000000	N/A	N/A
DstPortUfcFlag	Destination Port flow class	00000000000000000000000000000000	N/A	N/A
SrcIp	Source IP	0.0.0.0	N/A	N/A
SrcIpFlag	Source IP match	00000000000000000000000000000000	N/A	N/A
SrcIpUfcFlag	Source IP flow class	00000000000000000000000000000000	N/A	N/A
SrcMask	Source Netmask	0.0.0.0	N/A	N/A
SrcIpv6Flag	Source IPv6 match	00000000000000000000000000000000	N/A	N/A
SrcIpv6UfcFlag	Source IPv6 flow class	00000000000000000000000000000000	N/A	N/A
SrcIpv6NetMask	Source IPv6 NetMask Bits	N/A	0	128
SrcPort	Source Port	0	0	65535
SrcPortFlag	Source Port match	00000000000000000000000000000000	N/A	N/A
SrcPortUfcFlag	Source Port flow class	00000000000000000000000000000000	N/A	N/A
L4Protocol	Network Protocol	0	0	255
L4ProtocolFlag	Network Protocol match	00000000000000000000000000000000	N/A	N/A
L4ProtocolUfcFlag	Network Protocol flow class	00000000000000000000000000000000	N/A	N/A
FirewallFilterIdFlag	Filter Id match	00000000000000000000000000000000	N/A	N/A
FirewallFilterIdUfcFlag	Filter Id Flow Class	00000000000000000000000000000000	N/A	N/A
PacketMinLength	Packet minimum length	0	0	1500
PacketMinLengthFlag	Packet Length match	00000000000000000000000000000000	N/A	N/A
PacketMinLengthUfcFlag	Packet Length flow class	00000000000000000000000000000000	N/A	N/A
PacketMaxLength	Packet maximum length	0	0	1500
VlanId	VLAN ID	N/A	0	65535
AvgPacketRate	Average Packet Rate	0	0	200
Action	Action	forward	N/A	N/A
TokenBucketRate	Token Bucket Rate	0	0	8000000
Priority	Priority	0	0	8
TrafficControl	Traffic Control	off	N/A	N/A
Dscp	DiffServ Codepoint	disabled	N/A	N/A
QosRuleLogging	Qos Rule Logging	off	N/A	N/A
QosRuleLoggingFrequency	Qos Rule Logging Frequency	60	30	60

Service Table

Name	Description	Default Value	Min Value	Max Value
EssIdIndex	ESS Profile Number	N/A	0	64
EssId	ESS Profile Name	N/A	0	32
BeaconInterval	Beacon Interval (msec)	N/A	0	65535
NmsNodeid	AP Node ID	N/A	0	512
CommNodeid	Comm AP Node ID	N/A	0	512
DTIMPeriod	DTIM Period (number of beacons)	1	0	255
AllowMulticast	Allow Multicast Flag	off	N/A	N/A
WirelessToWirelessIsolation	Isolate Wireless To Wireless traffic	off	N/A	N/A
StaticWepKeyPos	Static WEP Key Index	0	0	4
SupportedTxRates	Supported Transmit Rates (Mbps)	00000000000000000000000000001111	N/A	N/A
BaseTxRates	Base Transmit Rates (Mbps)	00000000000000000000000000001111	N/A	N/A
SupportedHTTxRates	Supported HT Transmit Rates (MCS)	00000001111111111111111111111111	N/A	N/A
BaseHTTxRates	Base HT Transmit Rates (MCS)	00000001111111111111111111111111	N/A	N/A
SharedAuthEnabled	Enable Shared Authentication	off	N/A	N/A
EnableMacFiltering	Enable MAC Filtering	on	N/A	N/A
RFVMode	RF Virtualization Mode	VirtualPort	N/A	N/A
EnablePmkCaching	Enable PMK Caching	off	N/A	N/A

Name	Description	Default Value	Min Value	Max Value
VlanSupport	VLAN Support	none	N/A	N/A
DataplaneMode	Dataplane Mode	tunneled	N/A	N/A
MulticastMACTransparency	Enable Multicast MAC Transparency	off	N/A	N/A
MaxCalls	Max Calls	N/A	0	999
ApVlanTag	AP VLAN Tag	N/A	0	4094
EnableApVlanPriority	Enable AP VLAN Priority	off	N/A	N/A
BandSteering	Band Steering Mode	disable	N/A	N/A
BandSteeringTimeout	BandSteering Timeout	1	1	65535
EfOverride	Expedited Forward Override	off	N/A	N/A
PapBroadcastSsid	SSID Broadcast Preference	till-association	N/A	N/A
MulticastToUnicastConversion	Multicast-to-Unicast Conversion	on	N/A	N/A
EssIDOverflowFrom	ESS Profile Name	N/A	0	32
DeviceType	Station Type	wireless	N/A	N/A
CaptivePortalEnabled	Captive Portal	disabled	N/A	N/A
CaptivePortalAuthenticationMethod	Captive Portal Authentication Method	internal	N/A	N/A
S1VHTBaseMCSSet	1 Stream VHT Base MCS Set (MCS)	mcs0-9	N/A	N/A
S2VHTBaseMCSSet	2 Streams VHT Base MCS Set (MCS)	mcs0-9	N/A	N/A
S3VHTBaseMCSSet	3 Streams VHT Base MCS Set (MCS)	mcs0-9	N/A	N/A
S1VHTSupportMCSSet	1 Stream VHT Supported MCS Set (MCS)	mcs0-9	N/A	N/A
S2VHTSupportMCSSet	2 Streams VHT Supported MCS Set (MCS)	mcs0-9	N/A	N/A
S3VHTSupportMCSSet	3 Streams VHT Supported MCS Set (MCS)	mcs0-9	N/A	N/A
VenueType	Venue Type	unspecified	N/A	N/A
AccessNetworkType	Access Network Type	acceptance-terms-conditions	N/A	N/A
AuthenType	Authentication Type	acceptance-terms-conditions	N/A	N/A
IPv6Availability	IPv6 Availability	not-available	N/A	N/A
IPv4Availability	IPv4 Availability	not-available	N/A	N/A
ThreeGPPCellMCC	3GPP Cell Network MCC	0	0	999
ThreeGPPCellMNC	3GPP Cell Network MNC	0	0	999
NAIRealmAuthMethod1	NAI Realm Auth Method1	eap-tls-certificate	N/A	N/A
NAIRealmAuthMethod2	NAI Realm Auth Method2	eap-tls-certificate	N/A	N/A
NAIRealmAuthMethod3	NAI Realm Auth Method3	eap-tls-certificate	N/A	N/A
NAIRealmAuthMethod4	NAI Realm Auth Method4	eap-tls-certificate	N/A	N/A
NAIRealmAuthMethod5	NAI Realm Auth Method5	eap-tls-certificate	N/A	N/A
NAIRealmAuthMethod6	NAI Realm Auth Method6	eap-tls-certificate	N/A	N/A
NAIRealmAuthMethod7	NAI Realm Auth Method7	eap-tls-certificate	N/A	N/A
NAIRealmAuthMethod8	NAI Realm Auth Method8	eap-tls-certificate	N/A	N/A
NAIRealmAuthMethod9	NAI Realm Auth Method9	eap-tls-certificate	N/A	N/A
NAIRealmAuthMethod10	NAI Realm Auth Method10	eap-tls-certificate	N/A	N/A
VlanTag	VlanTag	N/A	1	4094
VoiceClientType	Voice Client Type	none	N/A	N/A
ApVlanPolicy	AP VLAN Policy	none	N/A	N/A

Station Table

Name	Description	Default Value	Min Value	Max Value
VlanTag	Tag/ID	N/A	1	4094
DeviceType	Station Type	wireless	N/A	N/A

SNMPv3 User Configuration

Name	Description	Default Value	Min Value	Max Value
UsmUserAuthProtocol	SNMPv3 User Authentication Protocol	no-auth	N/A	N/A
UsmUserPrivProtocol	SNMPv3 User Privacy Protocol	no-priv	N/A	N/A

ACL Allow Access Configuration

Name	Description	Default Value	Min Value	Max Value
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Name	Description	Default Value	Min Value	Max Value
MacMaskLen	Mac Address Mask Length	N/A	0	48

ACL Deny Access Configuration

Name	Description	Default Value	Min Value	Max Value
MacMaskLen	Mac Address Mask Length	N/A	0	48

Connection Template

Name	Description	Default Value	Min Value	Max Value
ConnTemplateId	Id	N/A	1	65535
LocalPhyIfIndex	Local Interface	N/A	1	65535
IpSecProfileId	IPSec Profile Id	N/A	1	65535
IpSecProfileName	IPSec Profile Name	default	N/A	N/A
RekeyEnabled	Rekey Enabled	on	N/A	N/A
RekeyMargin	Rekey Margin (seconds)	540	1	65535
KeyLifeTime	IPSec Key Lifetime (seconds)	28000	300	28000
RekeyFuzz	Maximum Percentage of rekey margin randomly	100	0	100
MaxOfKeyingRetry	Maximum attempts of keying retry.	3	0	65535
IkeLifeTime	Ike Lifetime (seconds)	N/A	60	28000

Captive Portal

Name	Description	Default Value	Min Value	Max Value
SslServerId	Id	N/A	1	65535
SslServerPort	Server Port	10101	1024	65535
SslUserAuthProtocol	User Authentication Protocol	none	N/A	N/A
SslLifeTime	Server Lifetime	100	1	65535
EncryptionDevice	Encryption Device	Not Installed	N/A	N/A
RadiusServerMacDelimiter	MAC Address Delimiter	hyphen	N/A	N/A
SecondaryRadiusServerMacDelimiter	MAC Address Delimiter	hyphen	N/A	N/A
MaxConnsPerUser	Maximum connections per username	1	1	1000
OverrideRadius	Authentication Type	radius	N/A	N/A
PrimaryAccountingRadiusMacDelimiter	MAC Address Delimiter	hyphen	N/A	N/A
SecondaryAccountingRadiusMacDelimiter	MAC Address Delimiter	hyphen	N/A	N/A
AccountingInterimInterval	Accounting Interim Interval (seconds)	600	600	36000
CaptivePortalSessionTimeout	CaptivePortalSessionTimeout	0	0	1440
CaptivePortalActivityTimeout	CaptivePortalActivityTimeout	0	0	60
RedirectionProtocol	Protocol	https	N/A	N/A
L3UserSessionTimeout	L3 User Session Timeout(mins)	1	1	1440
CPMode	CaptivePortal Mode Type	default	N/A	N/A
AutoLogin	Apple Captive Network Assistant (CNA) Bypass	off	N/A	N/A

Web page URL to be launched for VPN client application.

Name	Description	Default Value	Min Value	Max Value
WebPageId	Web Page Store Id	N/A	1	65535

VPN IPsec Connection Template

Name	Description	Default Value	Min Value	Max Value
IpSecProfileId	Id	N/A	1	65535
LocalPhyIfIndex	Local Interface	N/A	1	65535
RekeyMargin	Rekey Margin (seconds)	N/A	1	65535
KeyLifeTime	IPSec Key Lifetime (seconds)	N/A	300	28000
RekeyFuzz	Maximum Percentage of rekey margin randomly	N/A	0	100
MaxOfKeyingRetry	Maximum attempts of keying retry.	N/A	0	65535
IkeLifeTime	Ike Lifetime (seconds)	N/A	60	28000

AP Network Connectivity configuration

Name	Description	Default Value	Min Value	Max Value
VpnServerPort	VPN Server Port	1194	0	65535

Upstream UDP Broadcast Port

Name	Description	Default Value	Min Value	Max Value
Port	UDP Port	N/A	1	65535

Downstream UDP Broadcast Port

Name	Description	Default Value	Min Value	Max Value
Port	UDP Port	N/A	1	65535

Upstream UDP Broadcast Port Bridged

Name	Description	Default Value	Min Value	Max Value
Port	UDP Port	N/A	1	65535

Downstream UDP Broadcast Port Bridged

Name	Description	Default Value	Min Value	Max Value
Port	UDP Port	N/A	1	65535

Antenna Property

Name	Description	Default Value	Min Value	Max Value
lfBgGain	2.4GHz Gain(dBi)	N/A	0	30
lfAGain	5GHz Gain(dBi)	N/A	0	30

RADIUS Configuration Table

Name	Description	Default Value	Min Value	Max Value
RadiusPort	RADIUS Port	1812	1024	65535
RadiusVlanTag	RADIUS VLAN Index	N/A	1	14
RadiusMacDelimiter	MAC Address Delimiter	hyphen	N/A	N/A
RadiusPasswordType	Password Type	shared-secret	N/A	N/A
CalledStationIdType	Called-Station-ID Type	default	N/A	N/A
Owner	Owner	controller	N/A	N/A
radVersion	Radius Profile Version	0	N/A	N/A
CoaFlag	COA	on	N/A	N/A

MAC Filtering (ACL) Configuration

Name	Description	Default Value	Min Value	Max Value
RadiusEnabled	Enable RADIUS Server	off	N/A	N/A
RadiusIp	RADIUS IP	0.0.0.0	N/A	N/A
RadiusPort	RADIUS Port	1812	1	65535
RadiusMacDelimiter	MAC Address Delimiter	none	N/A	N/A
SecondaryRadiusEnabled	Enable Secondary RADIUS Server	off	N/A	N/A
SecondaryRadiusIp	Secondary RADIUS IP	0.0.0.0	N/A	N/A
SecondaryRadiusPort	Secondary RADIUS Port	1812	1	65535
SecondaryRadiusMacDelimiter	Secondary MAC Address Delimiter	none	N/A	N/A
CachingTimeout	Auto Authentication Expiry Period(Seconds)	20	5	600

GRE Configuration

Name	Description	Default Value	Min Value	Max Value
Index	GRE Index Assigned by the Controller	N/A	1	512
Tag	Tag	N/A	0	4094
RemoteTrafficFiltering	Remote Traffic Filtering	off	N/A	N/A
InterfaceIndex	Local External Ethernet Index	N/A	1	2
OverrideDefaultDHCPServer	Override Default DHCP Server Flag	on	N/A	N/A
DhcpRelayPassThroughFlag	DHCP Pass-Through	off	N/A	N/A
Owner	Owner	controller	N/A	N/A
greVersion	GRE Profile Version	0	N/A	N/A

Intrusion Detection

Name	Description	Default Value	Min Value	Max Value
ids_ips_ipaddress	Server IP Address	0.0.0.0	N/A	N/A
ids_ips_port	Server Port	0	0	65535

Air Shield

Name	Description	Default Value	Min Value	Max Value
OffHours	Off-Hour Network Behaviour	none	N/A	N/A
Service	Restricted Availability	noservice	N/A	N/A

Administrative User Management

Name	Description	Default Value	Min Value	Max Value
AuthId	Auth Id	1	N/A	N/A
AuthType	AuthenticationType	local	N/A	N/A
PrimaryRadiusPort	Primary RADIUS Port	1812	1024	65535
SecondaryRadiusIp	Secondary RADIUS IP Address	0.0.0.0	N/A	N/A
SecondaryRadiusPort	Secondary RADIUS Port	1812	1024	65535
PrimaryTacacsIp	Primary TACACS+ IP Address	0.0.0.0	N/A	N/A
PrimaryTacacsPort	Primary TACACS+ Port	49	0	65535
SecondaryTacacsIp	Secondary TACACS+ IP Address	0.0.0.0	N/A	N/A
SecondaryTacacsPort	Secondary TACACS+ Port	49	0	65535

IGMP Snoop

Name	Description	Default Value	Min Value	Max Value
IgmpSnoop	IGMP Snoop Enable/Disable	enable	N/A	N/A
IgmpSnoopAgeTime	IGMP Snoop expiration timer period	N/A	1	300

Edited BssID Entry

Name	Description	Default Value	Min Value	Max Value
AtsNodeId	AP ID	N/A	1	65535
IfIndex	Interface Index	1	N/A	N/A

Station Database Table

Name	Description	Default Value	Min Value	Max Value
VlanTag	Tag/Id	N/A	1	4094
DeviceType	Station Type	wireless	N/A	N/A

Station Database General Table

Name	Description	Default Value	Min Value	Max Value
DeviceType	Station Type	wireless	N/A	N/A

Station Database Device Information Table

Name	Description	Default Value	Min Value	Max Value
DeviceType	Station Type	wireless	N/A	N/A

Station Database Network Table

Name	Description	Default Value	Min Value	Max Value
VlanTag	Tag/Id	N/A	1	4094

Upstream UDP Broadcast All Ports

Name	Description	Default Value	Min Value	Max Value
AllPorts	UDP All Ports	off	N/A	N/A

Downstream UDP Broadcast All Ports

Name	Description	Default Value	Min Value	Max Value
AllPorts	UDP All Ports	off	N/A	N/A

Upstream UDP Broadcast All Ports Bridged

Name	Description	Default Value	Min Value	Max Value
AllPorts	UDP All Ports	off	N/A	N/A

Downstream UDP Broadcast All Ports Bridged

Name	Description	Default Value	Min Value	Max Value
AllPorts	UDP All Ports	off	N/A	N/A

AP Packet Capture

Name	Description	Default Value	Min Value	Max Value
Status	Enable/Disable	disable	N/A	N/A
Encapsulation	Encapsulation	ppi	N/A	N/A
ConnectivityMode	L2/L3 Mode	I3	N/A	N/A
DestinationIp	Destination IP Address	0.0.0.0	N/A	N/A
UDPPort	UDP Destination Port	0	0	65535
RxTx	Rx only/Tx only/Both	rx	N/A	N/A
RateLimitMode	Rate Limiting per station or cumulative	station	N/A	N/A
TokenBucketRate	Token Bucket Rate	10	0	65535
TokenBucketSize	Token Bucket Size	10	0	65535
PacketTruncationLength	Packet Truncation Length	82	0	1400
RateLimiting	Rate Limiting	off	N/A	N/A
CaptureSiblingFrames	Capture Sibling Frames	on	N/A	N/A

Controller Network Configuration Parameters

Name	Description	Default Value	Min Value	Max Value
FastPath	Enabling data fastpath forwarding	on	N/A	N/A
Bonding	Bonding Mode	single	N/A	N/A
TenGigModule	Enabling 10 Gig module card	disable	N/A	N/A

Controller Mobility Configuration Parameters

Name	Description	Default Value	Min Value	Max Value
FrameReportSuppr	Enabling Frame report suppression	off	N/A	N/A
TopoUpdate	Topology Information Update	off	N/A	N/A
AssocStationMaxIdlePeriod	Associated Station Max Idle Period	2000	30	86400
OutOfServiceHandoff	Enabling Out Of Service Handoff	off	N/A	N/A

IPv6 Configuration Parameters

Name	Description	Default Value	Min Value	Max Value
NeighborDiscOptimization	Neighbor Discovery Optimization	on	N/A	N/A

Miscellaneous Controller Parameters

Name	Description	Default Value	Min Value	Max Value
ZeronetPacket	Forwarding IPv4 zeronet packet	disable	N/A	N/A
NmsProfileOption	NMS Profiling Option	disable	N/A	N/A
ApKeepAliveTimeout	AP KeepAlive Timeout(seconds)	60	1	1800

Aeroscout Parameters

Name	Description	Default Value	Min Value	Max Value
Mode	Enable/Disable	disable	N/A	N/A
Port	Aeroscout Engine Port	12092	1024	65535

Local Admins

Name	Description	Default Value	Min Value	Max Value
PrivLevel	Privilege Level	1	1	15

SNMP Filtering Parameters

Name	Description	Default Value	Min Value	Max Value
ApDiscovered	AP-Discovered table	on	N/A	N/A

Name	Description	Default Value	Min Value	Max Value
ApAssigned	AP-Assigned table	off	N/A	N/A
ApNeighbor	AP-Neighbor table	off	N/A	N/A
ApNeighborDetail	AP-Neighbor detail table	off	N/A	N/A

Virtual Interface

Name	Description	Default Value	Min Value	Max Value
Id	Id	N/A	0	64
State	Enable/Disable	enable	N/A	N/A

Internal DHCP server configuration

Name	Description	Default Value	Min Value	Max Value
VlanVipId	Index	N/A	0	512
State	State	enable	N/A	N/A
LeaseTime	Lease Time (in Seconds)	3600	300	65535

Port Table

Name	Description	Default Value	Min Value	Max Value
Id	Port Profile Number	N/A	0	16
State	Enable/Disable	disable	N/A	N/A
DataplaneMode	Dataplane Mode	tunneled	N/A	N/A
ApVlanTag	AP VLAN Tag	0	0	4094
VlanIndex	VLAN Index	N/A	1	512
AllowMulticast	Allow Multicast Flag	off	N/A	N/A
IPv6Bridging	IPv6 Bridging	off	N/A	N/A

Wired Station Table

Name	Description	Default Value	Min Value	Max Value
VlanTag	Tag/Id	N/A	1	4094
DeviceType	Station Type	wireless	N/A	N/A

WAPI Server

Name	Description	Default Value	Min Value	Max Value
ServerPort	WAPI Server Port	3810	1024	65535

Mesh Configuration

Name	Description	Default Value	Min Value	Max Value
AdminMode	Admin Mode	enable	N/A	N/A
PlugNPlayStatus	PlugNPlay Status	disable	N/A	N/A
MacCount	AP MAC address count	0	N/A	N/A

Static Route Configuration

Name	Description	Default Value	Min Value	Max Value
Id	Static Route Number	N/A	0	64
FastEthernet	Ethernet	primary	N/A	N/A

VPN server configuration

Name	Description	Default Value	Min Value	Max Value
Id	Id	0	N/A	N/A
Port	VPN Server Port	1194	1024	65535

AP Certificate configuration

Name	Description	Default Value	Min Value	Max Value
ConfiguredValidity	Validity (days)	N/A	1	9999

Default Wireless Interface Settings

Name	Description	Default Value	Min Value	Max Value
IfChannelWidth	ChannelWidth	40-mhz-extension-channel-above	N/A	N/A

VPN client configuration

Name	Description	Default Value	Min Value	Max Value
VpnServerPort	VPN Server Port	1194	1024	65535

Management VLAN Configuration

Name	Description	Default Value	Min Value	Max Value
Index	VLAN Index Assigned by the Controller	N/A	1	512
InterfaceIndex	Interface Number	N/A	1	1
Tag	Tag	N/A	1	4094

Events Configuration Table

Name	Description	Default Value	Min Value	Max Value
ReloadDefault	Default Values	disable	N/A	N/A

Alarms Configuration Table

Name	Description	Default Value	Min Value	Max Value
ReloadDefault	Default Values	disable	N/A	N/A

AP Group

Name	Description	Default Value	Min Value	Max Value
Type	AP Group Type	location	N/A	N/A
Owner	Owner	controller	N/A	N/A
Version	Version	0	N/A	N/A

Service Type

Name	Description	Default Value	Min Value	Max Value
IsDefault	Default Flag	disable	N/A	N/A
Owner	Owner	controller	N/A	N/A
Version	Version	0	N/A	N/A

Location

Name	Description	Default Value	Min Value	Max Value
Owner	Owner	controller	N/A	N/A
Version	Version	0	N/A	N/A

User Group

Name	Description	Default Value	Min Value	Max Value
EnablePublisherRole	Enable Advertiser Role	enable	N/A	N/A
EnableSubscriberRole	Enable Subscriber Role	enable	N/A	N/A
Owner	Owner	controller	N/A	N/A
Version	Version	0	N/A	N/A

Service Control Policy

Name	Description	Default Value	Min Value	Max Value
Owner	Owner	controller	N/A	N/A
Version	Version	0	N/A	N/A

Service Control Global Configuration

Name	Description	Default Value	Min Value	Max Value
Enable	Enable Service	disable	N/A	N/A

Global Discovered Service List

Name	Description	Default Value	Min Value	Max Value
SourceType	Source Type	Wired	N/A	N/A

Global Discovered Service Summary List

Name	Description	Default Value	Min Value	Max Value
SourceType	Source Type	Wired	N/A	N/A

Policy Service List

Name	Description	Default Value	Min Value	Max Value
SourceType	Source Type	Wired	N/A	N/A

Policy Service Summary List

Name	Description	Default Value	Min Value	Max Value
SourceType	Source Type	Wired	N/A	N/A

Location Server Configuration

Name	Description	Default Value	Min Value	Max Value
Mode	Enable/Disable Location Server	disable	N/A	N/A
Port	Location Server Port	10000	1024	65535
ReportInterval	Location Report Interval (in Seconds)	5	3	3600

Configuration Summary

Name	Description	Default Value	Min Value	Max Value
EssIdNumber	SSID Number	N/A	0	32
State	Enable/Disable	enable	N/A	N/A
RFVMode	RF Virtualization Mode	VirtualPort	N/A	N/A
DataplaneMode	Dataplane Mode	tunneled	N/A	N/A
AllowMulticast	Allow Multicast Flag	off	N/A	N/A
L2ModesAllowed	L2 Modes Allowed	clear	N/A	N/A
CaptivePortalEnabled	Captive Portal	disabled	N/A	N/A
EnableMacFiltering	MAC Filtering	off	N/A	N/A

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