

1.3.6.1.4.1.710.0 BreezeCOM Wireless Access Solutions  
1.3.6.1.4.1.710.3 breezecomPrvRev  
1.3.6.1.4.1.710.3.2 Brznetmib  
1.3.6.1.4.1.710.3.2.1 brzSys  
1.3.6.1.4.1.710.3.2.1.1 sysCmd  
1.3.6.1.4.1.710.3.2.1.1.1 sysReset  
Setting the value of this attribute to ON is interpreted as a reset command for the system.

1.3.6.1.4.1.710.3.2.1.1.2 sysSetDefaults  
Setting the value of this attribute to ON will cause the system to set the NVRAM parameters to the factory default values. These values will become active after the next system reset

1.3.6.1.4.1.710.3.2.1.1.3 sysResetCounters  
Setting the value of this attribute to ON will cause the system to clear the performance counters.

1.3.6.1.4.1.710.3.2.1.1.4 sysTrapEnable  
Setting the value of this attribute to OFF will disable the system from sending TRAPs.

1.3.6.1.4.1.710.3.2.1.1.5 sysTrapCounter  
This attribute counts the total number of traps generated by the device, since initialization.

1.3.6.1.4.1.710.3.2.1.1.6 sysCarrierSense  
This attribute defines the carrier sense absolute threshold

1.3.6.1.4.1.710.3.2.1.1.7 sysDeltaCarrierSense  
This attribute defines the carrier sense differential threshold

1.3.6.1.4.1.710.3.2.1.1.8 sysSetPartialDefaults  
Setting the value of this attribute to ON will cause the system to set the partial NVRAM parameters to the factory default values. These values will become active after the next system reset

1.3.6.1.4.1.710.3.2.1.1.9 sysRunFromNonActiveCode  
This attribute make you run from non active code. Automatic switch is done if the non active code is valid. To activate set to On. If the switch succeed no response will be sent to the SNMP browser.

1.3.6.1.4.1.710.3.2.1.1.10 AccessRights

1.3.6.1.4.1.710.3.2.1.1.10.1 sysDisplayAccessRights

This attribute Display the access rights of that station.

1.3.6.1.4.1.710.3.2.1.1.10.2 sysChangeRightsToUSER

This attribute let you change the access rights of that station to USER.

1.3.6.1.4.1.710.3.2.1.1.10.3 sysChangeRightsToINSTALLER

This attribute let you change the access rights of that station to INSTALLER. Type the Installer password for the desired access right.

1.3.6.1.4.1.710.3.2.1.1.10.4 sysChangeRightsToTECHNICIAN

This attribute let you change the access rights of that station to AUTHORIZED TECHNICIAN. Type the Technician password for the desired access right.

1.3.6.1.4.1.710.3.2.1.1.10.5 sysChangeInstallerPassword

This attribute let you change the Installer Password of that station. Type the new password, maximum 8 characters.

1.3.6.1.4.1.710.3.2.1.2 sysParams  
1.3.6.1.4.1.710.3.2.1.2.1 brzHWMacAddress

The Hardware MAC address of the device.

1.3.6.1.4.1.710.3.2.1.2.2 brzAppTunneling

This attribute specifies the device tunneling mode, as follows: ipx - The device will enable IPX tunneling only. apple\_talk - The device will enable AppleTalk tunneling only. None - The device will disable tunneling. Both - The device will enable only IPX and AppleTalk tunneling.

1.3.6.1.4.1.710.3.2.1.2.3 brzPositiveBrg

This attribute specifies the Wired to Wireless LAN bridging mode at the AP, as follows: reject\_unknown - The AP forwards to the Wireless LAN only frames that are destined to associated stations.

forward\_unknown - The AP forwards to the Wireless LAN frames destined to associated AND unknown addresses. This value should be used only for Wireless Bridge installations.

intelligent - If connected to a wireless bridge, the AP automatically activates the Forward\_Unknown option.

Na - A not applicable value, for non-AP devices.

1.3.6.1.4.1.710.3.2.1.2.4 brzIpFilter

Setting the value of this attribute to ON will cause the system to filter all non-IP traffic to the Wireless LAN. This should be used on environments where only IP (and ARP) traffic is permitted. This option is available ONLY on AP (na value assigned in non-AP devices).

1.3.6.1.4.1.710.3.2.1.2.6 brzWIXSupport

This attribute applies to installations with colocated APs. When it is set to ON, a load balancing algorithm is activated, resulting with balanced Basic Service Sets (cells). This option may be set only at some of the stations in the network.

1.3.6.1.4.1.710.3.2.1.2.7 brzWlanNetID

This attribute identifies the Wireless LAN network name (Extended Service Set ID) for that device. Stations are not allowed to associate to APs with different Net IDs.

1.3.6.1.4.1.710.3.2.1.2.8 brzAuthenticationType

This attribute indicates the authentication algorithm used during the authentication sequence. The value of this attribute is one of the following: 1 - Open System, 2 - Shared Key, 20 - Special Authentication Algorithm (#0), 21 - Special Authentication Algorithm (#1), 22 - Special Authentication Algorithm (#2).

1.3.6.1.4.1.710.3.2.1.2.9 brzWlanRTNetID

This attribute identifies the run-time Wireless LAN network name (Extended Service Set ID) for that device. Stations are not allowed to associate to APs with different Net IDs.

1.3.6.1.4.1.710.3.2.1.2.10 brzApRedundancySupport

Setting the value of this attribute to ON will cause the Access-Point to discontinue sending beacons to the Wireless LAN after no multicast or unicast frames for the cell arrive from the Ethernet during a period of 100 seconds. This option is available ONLY on AP (na value assigned in non-AP devices).

1.3.6.1.4.1.710.3.2.1.2.11 brzWlanRelayUnicast

This attribute enables the relaying of unicast frames on the WLAN within the BSS. Setting this attribute to OFF means that unicast frames received from the WLAN by the AP can only be passed to the Distribution System. Applicable only in AP's.

1.3.6.1.4.1.710.3.2.1.2.12                      brzWlanRelayBroadcast

This attribute enables the relaying of broadcast frames on the WLAN within the BSS. Setting this attribute to OFF means that broadcast frames received from the WLAN by the AP can only be passed to the Distribution System. Applicable only in AP's.

1.3.6.1.4.1.710.3.2.1.2.13                      brzApRedundancyLimit

This attribute sets the time until an Access-Point discontinues sending beacons to the Wireless LAN when no multicast or unicast frames for the cell arrive from the Ethernet. This option is available ONLY on AP (na value assigned in non-AP devices).

1.3.6.1.4.1.710.3.2.1.2.5                      brzTranslationMode

When this attribute is set to ON, data frames are being translated for the Wireless LAN transmission. If it is set to OFF, tunneling of data frames apply. All devices within the same Wireless LAN network, must have the same Translation Mode assigned.

1.3.6.1.4.1.710.3.2.1.2.14                      brzStaNumForLargeCW

This attribute sets the minimum number of stations in this cell that will cause this unit to use large CW, else this unit will use the default CW. (The value is in the range of 1-120)

1.3.6.1.4.1.710.3.2.1.2.15                      brzPowerMngMode

This attribute describes the current power management mode of the station. The allowed values are ACTIVE (for normal mode of operation), and POWER SAVE. An STA will always return an ACTIVE value.

1.3.6.1.4.1.710.3.2.1.2.16                      brzACKDelayed

This attribute applies to installations with collocated APs. When it is set to ON, a load balancing algorithm is activated, resulting with balanced Basic Service Sets (cells). This option may be set only at some of the stations in the network.

1.3.6.1.4.1.710.3.2.1.2.17                      brzDTIMPeriod

This attribute defines the rate of DTIM frames. The value is expressed in Beacon Intervals. This attribute is applicable only in AP's.

1.3.6.1.4.1.710.3.2.1.2.18                      brzPowerMngBitTestMode

This attribute describes the current power management bit test mode of the AP. The allowed values are DISABLED (for normal mode of operation), and ENABLED.

1.3.6.1.4.1.710.3.2.1.2.19                      brzBeaconInterval

This attribute defines the rate of Beacon frames. The value is expressed in Dwells. This attribute is applicable only in AP's.

1.3.6.1.4.1.710.3.2.1.2.20                      brzPowerSaveSupport

This attribute defines the power save support. 0 - Power Save support disabled 1 - Power Save support enabled 2 - Enable Power Save support with PM bit test This attribute is applicable only in AP's.

1.3.6.1.4.1.710.3.2.1.2.21                      brzWlanAssocAge

This attribute defines the Association Aging Period.

1.3.6.1.4.1.710.3.2.1.2.22                      brzEnableVoice

This attribute Enables voice priority over other transmissions. This attribute is applicable only in AP's.

1.3.6.1.4.1.710.3.2.1.2.26                      brzNonActiveCodeState

This attribute displays the current non active code state. WARNING: Activate this attribute will cause substantial degradation in station throughput, also answer is delayed!!!

1.3.6.1.4.1.710.3.2.1.2.27                      brzDisplayNonActiveCodeVersion

This attribute displays the active code version and the non active code version.

1.3.6.1.4.1.710.3.2.1.2.28                      brzIntelligentBridgingPeriod

This attribute defines the Intelligent Bridging Period in seconds.

1.3.6.1.4.1.710.3.2.2                          ipParams

1.3.6.1.4.1.710.3.2.2.1                        trapHostsTable

A list of trap\_hosts entries.

1.3.6.1.4.1.710.3.2.2.1.1.1                    trapHostsIndex

A unique value for each trap\_host. Its value ranges between 1 and 3

1.3.6.1.4.1.710.3.2.2.1.1.2                    trapIPAddress

The ip address of the host to be sent all traps

1.3.6.1.4.1.710.3.2.2.1.1.3                    trapCommunity

The community of the host to be sent all traps

1.3.6.1.4.1.710.3.2.2.2                        ipAddr

The IP address of this device, used to access the device through any of its LAN Ports (Ethernet or WLAN).

1.3.6.1.4.1.710.3.2.2.3                        maskIP

The IP Network mask used by the IP entity when accessing devices through any of its LAN Ports (Ethernet or WLAN).

1.3.6.1.4.1.710.3.2.2.4                        readCommunity

The device read community. If updated, it will be used after the next reset.

1.3.6.1.4.1.710.3.2.2.5                        writeCommunity

The device write community. If updated, it will be used after the next reset.

1.3.6.1.4.1.710.3.2.2.6                        gatewayIPAddr

Gateway default IP address.

1.3.6.1.4.1.710.3.2.2.7                        brzIPStack

This attribute defines whether to use IP stack or not.

1.3.6.1.4.1.710.3.2.3                          brzWlan

1.3.6.1.4.1.710.3.2.3.1                        brzWlanParams

1.3.6.1.4.1.710.3.2.3.1.1                      brzMaxRate

This attribute indicates the rate (in Mbits persecond) at which data will be transmitted across the medium. The default value of this attribute shall be 3.

1.3.6.1.4.1.710.3.2.3.1.2                      brzMobilLvl

This attribute indicates the expected mobility level of the system. The default value of this attribute is stationary.

1.3.6.1.4.1.710.3.2.3.1.3                      brzAvgRssi

A value representing the average Signal Strength for packets received from the current AP. This attribute is applicable only for a station (An AP will always return a value of 255).

1.3.6.1.4.1.710.3.2.3.1.5                      brzWlanTrapThreshold

This attribute specifies a threshold value, for sending the WlanStatusTRAP. When the Wireless LAN quality drops below (or goes above) this value, a trap will be issued.

1.3.6.1.4.1.710.3.2.3.1.6                      brzWlanQuality

A measure for quality (and noise level) of the Wireless LAN.

1.3.6.1.4.1.710.3.2.3.1.7 knownAPsTable

1.3.6.1.4.1.710.3.2.3.1.7.1.1 knownAPsIndex

A unique value, representing the index of the AP in the Known APs table

1.3.6.1.4.1.710.3.2.3.1.7.1.2 knownAPsValue

This attribute specifies the address of a recently known AP. The default value of this attribute shall be null (an empty entry).

1.3.6.1.4.1.710.3.2.3.1.7.1.3 knownAPsQuality

This attribute specifies the current reception quality of frames, transmitted by that AP. At a station, a GOOD value indicates that the station can join that AP.

1.3.6.1.4.1.710.3.2.3.1.7.1.4 knownAPsAvgRssi

A value representing the average Signal Strength for packets received from that AP.

1.3.6.1.4.1.710.3.2.3.1.7.1.5 knownAPsStatus

The validity of the current entry, either invalid or valid.

1.3.6.1.4.1.710.3.2.3.1.7.1.6 knownAPsLoadStations

A value representing the number of stations associated to that AP.

1.3.6.1.4.1.710.3.2.3.1.7.1.7 knownAPsGoodBeacons

A value representing the number of beacons received with Strength more than join level from that AP.

1.3.6.1.4.1.710.3.2.3.1.7.1.8 knownAPsTotalBeacons

A value representing the total number of beacons (good and bad) received from that AP.

1.3.6.1.4.1.710.3.2.3.1.7.1.9 knownAPsAvgDbm

A value representing the average Signal Strength for packets received from that AP in DBM units.

1.3.6.1.4.1.710.3.2.3.1.4 brzWlanProtocol

This attribute specifies the MAC/PHY protocol, utilized by this system. This attribute is not write accessible for regular users.

1.3.6.1.4.1.710.3.2.3.1.8 brzLastBeacon

A value representing last dwell to receive beacon from that AP.

1.3.6.1.4.1.710.3.2.3.1.9 brzBadBeacons

A value representing the number of beacons received with Strength less than join level from that AP.

1.3.6.1.4.1.710.3.2.3.1.10 brzLoadStations

A value representing the number of stations associated to that AP.

1.3.6.1.4.1.710.3.2.3.1.11 brzAvgDBm

A value representing the average Signal Strength for packets received from the current AP. This attribute is applicable only for a station (An AP will always return a value of -255).

1.3.6.1.4.1.710.3.2.3.2 brzAP

1.3.6.1.4.1.710.3.2.3.2.1 bssInfo

1.3.6.1.4.1.710.3.2.3.2.1.1 bssNumOfStations

This attribute specifies the number of devices, that are currently associated with this AP.

1.3.6.1.4.1.710.3.2.3.2.1.2 bssNumOfStationsPeak

This attribute contains the maximum value that bssNumOfStations has reached.

1.3.6.1.4.1.710.3.2.3.2.1.3 bssCollectPerStationInfo

When this attribute is set to ON, the AP accumulates Wireless Link statistics per each station. This option is available only for the AP. At stations it is always assigned with na (Not Applicable) value. **WARNING:** Setting this attribute to ON can cause substantial degradation in cell throughput!!!

1.3.6.1.4.1.710.3.2.3.2.1.4                      bssNumOfBeaconsSent

This attribute contains the total beacons sent counter.

1.3.6.1.4.1.710.3.2.3.2.1.5                      bssNumOfBeaconsLost

This attribute contains the total beacons lost counter.

1.3.6.1.4.1.710.3.2.3.2.1.6                      bssNumOfStationsAuthenticated

This attribute specifies the number of devices, that are currently Authenticated with this AP.

1.3.6.1.4.1.710.3.2.3.2.1.7                      bssNumOfStationsAuthenticatedPeak

This attribute contains the maximum value that bssNumOfStationsAuthenticated has reached.

1.3.6.1.4.1.710.3.2.3.2.2                      bssApAdb

1.3.6.1.4.1.710.3.2.3.2.2.1.1.1                      stAddress

The MAC Address of the station represented by this entry in the Association Data Base

1.3.6.1.4.1.710.3.2.3.2.2.1.1.4                      stCFMode

This attribute is set to ON if the station is in the Contention Free Polling list of the AP.

1.3.6.1.4.1.710.3.2.3.2.2.1.1.5                      stMaxRate

This attribute indicates the maximum rate (in Mbits per second) at which that station transmits data across the Wireless medium.

1.3.6.1.4.1.710.3.2.3.2.2.1.1.6                      stCurTxRate

The rate currently used by the AP to transmit packets to this station

1.3.6.1.4.1.710.3.2.3.2.2.1.1.7                      stRssi

A value representing the average Signal Strength for packets received from that station.

This attribute is being updated only if sysCollectPerStationInfo is set to ON.

1.3.6.1.4.1.710.3.2.3.2.2.1.1.8                      stPMMode

The current Power Management mode of this station Power saving mode enables WLAN units (such as laptops or hand-held devices) to conserve battery power. To enable this feature, first enable power saving for the AP, and then enable power saving in the SA-PCR Card.

1.3.6.1.4.1.710.3.2.3.2.2.1.1.9                      stTxFragments

This attribute counts the total number of fragments (including retransmissions), that were transmitted to that station over the Wireless LAN. It is updated only if sysCollectPerStationInfo is set to ON.

1.3.6.1.4.1.710.3.2.3.2.2.1.1.10                      stTxFragments1M

This attribute counts the total number of fragments (including retransmissions), that were transmitted to that station over the Wireless LAN. It is updated only if sysCollectPerStationInfo is set to ON.

1.3.6.1.4.1.710.3.2.3.2.2.1.1.11                      stTxFragments2M

This attribute counts the total number of fragments (including retransmissions), that were transmitted to that station over the Wireless LAN. It is updated only if sysCollectPerStationInfo is set to ON.

1.3.6.1.4.1.710.3.2.3.2.2.1.1.12                      stTxFragments3M

This attribute counts the total number of fragments (including retransmissions), that were transmitted to that station over the Wireless LAN. It is updated only if sysCollectPerStationInfo is set to ON.

1.3.6.1.4.1.710.3.2.3.2.2.1.1.13 stTxRetry

This attribute counts the total number of retransmissions to that station, over the Wireless LAN. It is updated only if sysCollectPerStationInfo is set to ON.

1.3.6.1.4.1.710.3.2.3.2.2.1.1.14 stTxDroppedPackets

This attribute counts the number of transmit frames (data or management) to this station, that were dropped because of too many retransmissions. It is updated only if sysCollectPerStationInfo is set to ON.

1.3.6.1.4.1.710.3.2.3.2.2.1.1.15 stRxFragments

This attribute counts the total number of fragments (data and management) that have been received successfully from that station, through the Wireless LAN. It is updated only if sysCollectPerStationInfo is set to ON.

1.3.6.1.4.1.710.3.2.3.2.2.1.1.16 stWlanStatus

This attribute specifies the current reception quality of frames, transmitted by that station.

1.3.6.1.4.1.710.3.2.3.2.2.1.1.17 stResetCounters

Setting the value of this attribute to ON, will clear the station counters at the AP (clear the counters in that adbEntry). Warning: Setting the value of this attribute to ON may cause momentary degradation in performance

1.3.6.1.4.1.710.3.2.3.2.2.1.1.18 stType

This attribute identifies the device type of the station.

1.3.6.1.4.1.710.3.2.3.2.2.1.1.19 stTxRetryPercent

This attribute calculate the retransmitted percentage, that was retransmitted to that station over the Wireless LAN.

1.3.6.1.4.1.710.3.2.3.2.2.1.1.20 stReTxFragments1M

This attribute counts the total number of fragments, that was retransmitted to that station over the Wireless LAN in 1Mbps. It is updated only if sysCollectPerStationInfo is set to ON.

1.3.6.1.4.1.710.3.2.3.2.2.1.1.21 stReTxFragments2M

This attribute counts the total number of fragments, that was retransmitted to that station over the Wireless LAN in 1Mbps. It is updated only if sysCollectPerStationInfo is set to ON.

1.3.6.1.4.1.710.3.2.3.2.2.1.1.22 stReTxFragments3M

This attribute counts the total number of fragments, that was retransmitted to that station over the Wireless LAN in 1Mbps. It is updated only if sysCollectPerStationInfo is set to ON.

1.3.6.1.4.1.710.3.2.3.2.2.1.1.23 stDbm

A value representing the average Signal Strength for packets received from that station in DBM units. This attribute is being updated only if sysCollectPerStationInfo is set to ON.

1.3.6.1.4.1.710.3.2.3.3 brzSTA

1.3.6.1.4.1.710.3.2.3.3.1 brzCurrentAPMacAddress

Hardware MAC address of the AP currently associated with. Available ONLY in station.

1.3.6.1.4.1.710.3.2.3.3.2 brzLastAPMacAddress

The Hardware MAC address of the last AP that the station was associated with.

Available ONLY in stations.

1.3.6.1.4.1.710.3.2.3.3.3                      brzPrefaredAPMacAddress  
The Hardware MAC address of the preferred AP, to which the station should associate whenever possible. Null value here indicates no perefaranace. Available ONLY in stations.

1.3.6.1.4.1.710.3.2.3.3.4                      brzRoamToAPMacAddress  
Setting this attribute to a specific AP MAC address, will cause the station to roam immediatly to that AP, if possible. Available ONLY for stations.

1.3.6.1.4.1.710.3.2.3.3.5                      brzCFMode  
This attribute is set to ON if the station required Contention Free services from the AP (hence it is in the AP's Contention Free list). This option is available ONLY on stations. A Not Applicable value is returned for all APs.

1.3.6.1.4.1.710.3.2.3.3.6                      brzTx1MbitRate  
Total transmitted frames in 1 MBit rate.

1.3.6.1.4.1.710.3.2.3.3.7                      brzTx2MbitRate  
Total transmitted frames in 2 MBit rate.

1.3.6.1.4.1.710.3.2.3.3.8                      brzTx3MbitRate  
Total transmitted frames in 3 MBit rate.

1.3.6.1.4.1.710.3.2.3.3.9                      brzTotalRetx  
Total Retransmitted frames including all rates.

1.3.6.1.4.1.710.3.2.3.4                      brzRoamParams

1.3.6.1.4.1.710.3.2.3.4.3                      brzRoamDecisionRSSIThreshold  
If an RSSI sample is bellow the value which is defined by this parameter the sample is considered as bad. Available ONLY in stations.

1.3.6.1.4.1.710.3.2.3.4.4                      brzJoinDecisionRSSIThreshold  
A station will join a new AP only if the AP transmits with an RSSI quality above the value which is defined by this parameter. Available ONLY in stations. In AP's, this is the threshold for sending Bad WLAN Conditions traps. If a station associated with the AP is heard at an RSII level below this threshold, a Bad WLAN Conditionds trap is sent by the AP.

1.3.6.1.4.1.710.3.2.3.4.1                      brzRoamDecisionWin  
This parameter defines a minimum number of RSSI samples which is required to make a decision about the current WLAN channel quality. A new RSSI sample arrives with each incoming frame. Available ONLY in stations.

1.3.6.1.4.1.710.3.2.3.4.2                      brzRoamDecisionNumerator  
This parameter defines a maximum number of RSSI samples that is allowed to be below brzRoamDecisionRSSIThreshold, among a number equal to brzRoamDecisionWin of the last arrived samples. If a number of bad samples (i.e. below brzRoamDecisionRSSIThreshold) exceeds one, which is defined by this parameter, the channel is considered as bad. Available ONLY in stations.

1.3.6.1.4.1.710.3.2.3.4.5                      brzNeighboringBeacons  
This parameters defines once in how many dwell times the AP will send a neighboring beacon. Available ONLY in AP's.

1.3.6.1.4.1.710.3.2.3.4.6                      brzNumberOfProbeResponses  
If a number of good RSSI samples coming from a neighbor is greater than or equal to this parameter the neighbor might be selected for joining.

1.3.6.1.4.1.710.3.2.3.4.7                      brzNumberOfBeaconsForDisconnect

This parameter defines a maximum number of consecutive not arrived Beacons that is allowed before a disconnect decision. Available ONLY in stations.

1.3.6.1.4.1.710.3.2.3.4.8                      brzNumberOfScanning

This parameter defines a maximum number of scanning Attempts to perform before system reset. Zero is value for non reset. Available ONLY in stations.

1.3.6.1.4.1.710.3.2.3.4.9                      brzNeighboringBeaconRate

This parameter defines the Neighboring Beacon Rate in dwells. Zero is value for non Neighboring Beacons. Available ONLY in AP's.

1.3.6.1.4.1.710.3.2.4                          brzCnt

1.3.6.1.4.1.710.3.2.4.1                      brzDSCnt

1.3.6.1.4.1.710.3.2.4.1.1                   brzRxFromDS

This attribute counts the total number of frames that have been received successfully from the Wired Distribution system.

1.3.6.1.4.1.710.3.2.4.1.2                   brzRxBadFromDS

This attribute counts the number errored frames, received from the Wired Distribution system.

1.3.6.1.4.1.710.3.2.4.1.3                   brzRxOctetsFromDS

This attribute counts the total number of octets that have been received successfully from the Wired Distribution system.

1.3.6.1.4.1.710.3.2.4.1.4                   brzTxToDS

This attribute counts the total number of frames that have been transmitted to the Wired Distribution system.

1.3.6.1.4.1.710.3.2.4.1.5                   brzMissedFrames

This attribute counts the total number of missed frames that have missed the transmission to the Ethernet LAN.

1.3.6.1.4.1.710.3.2.4.1.6                   brzTxOctetsToDS

This attribute counts the total number of octets that have been transmitted successfully to the Wired Distribution system.

1.3.6.1.4.1.710.3.2.4.1.7                   brzTxToDS

1.3.6.1.4.1.710.3.2.4.2                      brzWlanCnt

1.3.6.1.4.1.710.3.2.4.2.1                   brzTxWlanCnt

1.3.6.1.4.1.710.3.2.4.2.1.1                  brzTxPacketsToWlan

This attribute counts the total number of frames (data and management) that have been transmitted to the Wireless LAN.

1.3.6.1.4.1.710.3.2.4.2.1.2                  brzTxMSDUToWlan

This attribute counts the total number of frames (data frames) that have been transmitted to the Wireless LAN.

1.3.6.1.4.1.710.3.2.4.2.1.3                  brzDiscarded

This attribute counts the number of data frames, that were internally discarded in the system, instead of being transmitted over the Wireless LAN. High values of this counter indicate either very high traffic volume, or a noisy environment that prevents Wireless transmissions.

1.3.6.1.4.1.710.3.2.4.2.1.4                  brzTxFragToWlan

This attribute counts the total number of fragments (including retransmissions), that were transmitted to the Wireless LAN.

1.3.6.1.4.1.710.3.2.4.2.1.5                  brzRetryOnWlan

This attribute counts the total number of retransmitted fragments, on the Wireless LAN.  
1.3.6.1.4.1.710.3.2.4.2.1.6                      brzFailedCountOnWlan

This attribute counts the number of frames that were dropped (not transmitted), due to the number of retransmit attempts exceeding the RetryMax value.  
1.3.6.1.4.1.710.3.2.4.2.1.7                      brzRetryOnWlanPercent

This attribute calculates the percentage of number frames (to the data and management) that have been transmitted successfully Wireless LAN.  
1.3.6.1.4.1.710.3.2.4.2.1.8                      brzRetryTxDataToWlan

This attribute counts the total number of data frames that have been retransmitted to the Wireless LAN.  
1.3.6.1.4.1.710.3.2.4.2.1.9                      brzRetryTxDataToWlanPercent

This attribute calculates the percentage of data frames that have been transmitted successfully to the Wireless LAN.  
1.3.6.1.4.1.710.3.2.4.2.1.10                      brzTotalTxPacketsToWlan

This attribute counts the total number frames (data and management) that have been transmitted to the Wireless LAN.  
1.3.6.1.4.1.710.3.2.4.2.1.15                      brzTxErrTransmissions

1.3.6.1.4.1.710.3.2.4.2.1.15.1                      brzTxErrorAckTimeOut

This attribute counts the total number of acknowledge timeouts on the Wireless LAN.  
1.3.6.1.4.1.710.3.2.4.2.1.15.2                      brzTxErrorAckCRC

This attribute counts the total number of acknowledge CRC Errors on the Wireless LAN.  
1.3.6.1.4.1.710.3.2.4.2.1.15.3                      brzTxErrorNoTimeUntilHop

This attribute counts the total number of timeouts caused of on time until end of hop on the Wireless Cell.  
1.3.6.1.4.1.710.3.2.4.2.1.15.4                      brzTxErrorUnderRunAndCTS

This attribute counts the total number of errors caused by HWproblems (Under Run).  
1.3.6.1.4.1.710.3.2.4.2.1.15.5                      brzTxErrorAbort

This attribute counts the total number of errors caused by frame abortion from Boori.  
1.3.6.1.4.1.710.3.2.4.2.1.15.6                      brzTxErrorFrameReceived

This attribute counts the total number of errors caused by frame failure on the Wireless LAN.  
1.3.6.1.4.1.710.3.2.4.2.2                      brzRxWlanCnt

1.3.6.1.4.1.710.3.2.4.2.2.1                      brzRxPacketsFromWlan

This attribute counts the total number of frames (data and management) that have been received successfully from the Wireless LAN.  
1.3.6.1.4.1.710.3.2.4.2.2.2                      brzRxMSDUFromWlan

This attribute counts the total number of MSDUs (data frames) that have been received successfully from the Wireless LAN.  
1.3.6.1.4.1.710.3.2.4.2.2.3                      brzRxFragFromWlan

This attribute counts the number of fragments (data and management), that have been received successfully from the Wireless LAN.  
1.3.6.1.4.1.710.3.2.4.2.2.4                      brzRxBadFragFromWlan

This counter is incremented when an error is detected in a fragment, received from the Wireless LAN.

1.3.6.1.4.1.710.3.2.4.2.2.5                      brzRxDuplicateFragFromWlan

This counter is incremented when a duplicated fragment is received from the Wireless LAN.

1.3.6.1.4.1.710.3.2.4.2.2.6                      freqStatisticsTable

A table for the traffic statistics of each frequency.

1.3.6.1.4.1.710.3.2.4.2.2.6.1.1                  freqStatisticsIndex

A unique value, representing the index of the frequency in the hopping sequence table

1.3.6.1.4.1.710.3.2.4.2.2.6.1.2                  freqNo

This attributes specifies the channel number of the frequency, for which this entry accumulates the statistics.

1.3.6.1.4.1.710.3.2.4.2.2.6.1.3                  freqTotalReceived

This attribute counts the total number of frames (data and management) that have been received successfully from the Wireless LAN, in that specific frequency.

1.3.6.1.4.1.710.3.2.4.2.3                      hopSeqTable

1.3.6.1.4.1.710.3.2.4.2.3.1.1                  wPHopSeqTable

1.3.6.1.4.1.710.3.2.4.2.3.1.2                  hopTracerRx

1.3.6.1.4.1.710.3.2.4.2.3.1.3                  hopTracerTx

1.3.6.1.4.1.710.3.2.4.2.3.1.4                  hopTracerRTx

1.3.6.1.4.1.710.3.2.4.2.3.1.5                  hopTracerRSSI

1.3.6.1.4.1.710.3.2.4.3                      brzRoamCnt

1.3.6.1.4.1.710.3.2.4.3.1                      brzNumOfReassocRequests

For an AP: The number of Associations and ReAssociations requests, received since the last reset of the AP. This counter is useful for getting information about mobility activity on the BSS. For a Station: The number of Associations and ReAssociation requests issued by the station since the last reset.

1.3.6.1.4.1.710.3.2.4.4                      brzMngCnt

1.3.6.1.4.1.710.3.2.4.4.1                      brzMngAP

1.3.6.1.4.1.710.3.2.4.4.1.1                      ProbeResponseSent

For an AP: Number of Probe response that sent.

1.3.6.1.4.1.710.3.2.4.4.1.2                      ProbeResponseLost

For an AP: Number of Probe response that got lost.

1.3.6.1.4.1.710.3.2.4.4.1.3                      ProbeResponseSentRetx

For an AP: Number of retransmitted Probe response frames that sent.

1.3.6.1.4.1.710.3.2.4.4.1.4                      ProbeRequestRecive

For an AP: Number of Probe request frames that has received.

1.3.6.1.4.1.710.3.2.4.4.1.5                      AssocResponseSent

For an AP: Number of Association response frames that sent.

1.3.6.1.4.1.710.3.2.4.4.1.6                      AssocResponseLost

For an AP: Number of Association response frames that got lost.

1.3.6.1.4.1.710.3.2.4.4.1.7                      AssocResponseSentRetx

For an AP: Number of retransmitted Association response frames that sent.

1.3.6.1.4.1.710.3.2.4.4.1.8                      AssocRequestRecive

For an AP: Number of Association request frames that has received.

1.3.6.1.4.1.710.3.2.4.4.1.9                      ReAssocRequestRecive

For an AP: Number of ReAssociation request frames that has received.  
1.3.6.1.4.1.710.3.2.4.4.2                      brzMngSAWB  
1.3.6.1.4.1.710.3.2.4.4.2.1                      ProbRequestSent  
For WB or SA: Number of Probe request frames that sent.  
1.3.6.1.4.1.710.3.2.4.4.2.2                      ProbResponseRecive  
For WB or SA: Number of received Probe response frames.  
1.3.6.1.4.1.710.3.2.4.4.2.3                      AuthRequestSent  
For WB or SA: Number of Authentication request frames that sent.  
1.3.6.1.4.1.710.3.2.4.4.2.4                      AuthRequestSentRetx  
For WB or SA: Number of Retransmitted Authentication request frames that sent.  
1.3.6.1.4.1.710.3.2.4.4.2.5                      AuthRequestRecive  
For WB or SA: Number of received Authentication response frames.  
1.3.6.1.4.1.710.3.2.4.4.2.6                      AssocRequestSent  
For WB or SA: Number of Association request frames that sent.  
1.3.6.1.4.1.710.3.2.4.4.2.7                      AssocRequestSentRetx  
For WB or SA: Number of Retransmitted Association request frames that sent.  
1.3.6.1.4.1.710.3.2.4.4.2.8                      AssocResponseRecive  
For WB or SA: Number of received Association response frames.  
1.3.6.1.4.1.710.3.2.4.5                          brzPSCnt  
1.3.6.1.4.1.710.3.2.4.5.1                          PSFreeEntries  
For an AP: Number of station free entries.  
1.3.6.1.4.1.710.3.2.4.5.2                          PSInternallydiscarded  
For an AP: Number of Internally Discarded frames.  
1.3.6.1.4.1.710.3.2.4.5.3                          PSstations  
For an AP: Number of power saved station connected to this AP.  
1.3.6.1.4.1.710.3.2.4.5.4                          PSPowerSavingAged  
For an AP: Number of frames that were not transmitted due to the end of aging time.  
1.3.6.1.4.1.710.3.2.4.5.5                          powreStationsTable  
A list of trap\_hosts entries.  
1.3.6.1.4.1.710.3.2.4.5.5.1.1                      powerSaveIndex  
A unique value, representing the index of the frequency in the hopping sequence table  
1.3.6.1.4.1.710.3.2.4.5.5.1.2                      powerSaveStationID  
The identifier numerator of the Station in the AP. Note: ID zero is Broadcast.  
1.3.6.1.4.1.710.3.2.4.5.5.1.3                      powerSaveBuffered  
This attributes specifies how many messages are waiting to that Station in the AP buffers  
1.3.6.1.4.1.710.3.2.4.5.5.1.4                      powerSaveAged  
This attributes specifies how many Stations were deleted after long time of waiting  
1.3.6.1.4.1.710.3.2.4.5.5.1.5                      powerSaveSent  
This attributes specifies how many messages were sent to that station  
1.3.6.1.4.1.710.3.2.4.5.5.1.6                      powerSaveQueueFull  
This attributes specifies how many messages were discarded because the queue to that station was full  
1.3.6.1.4.1.710.3.2.5                              brzTraps  
1.3.6.1.4.1.710.3.2.5.1                              brzTrapAPMacAddr  
The MAC address of an AP  
1.3.6.1.4.1.710.3.2.5.2                              brzTrapSTAMacAddr

The MAC address of a station device  
1.3.6.1.4.1.710.3.2.5.3                      brzTrapMacAddress

A STA or AP MAC address  
1.3.6.1.4.1.710.3.2.5.4                      brzTrapRssiQuality

The RSSI level of the signal received from the Access Point  
1.3.6.1.4.1.710.3.2.5.5                      brzTrapLastRssiQuality

The RSSI level of the signal received from the previous Access Point  
1.3.6.1.4.1.710.3.2.5.6                      brzTrapIndex

Index number for future trap implementation  
1.3.6.1.4.1.710.3.2.5.7                      brzTrapText

Textual string for future trap implementation  
1.3.6.1.4.1.710.3.2.5.8                      brzTrapToggle

A general ON/OFF toggle value, for the traps.  
1.3.6.1.4.1.710.3.2.5.9                      brzTrapSTAType

This attribute identifies the device type of the station.  
1.3.6.1.4.1.710.3.2.6                      brzdot11

1.3.6.1.4.1.710.3.2.6.1                      dot11smt

1.3.6.1.4.1.710.3.2.6.1.6                      dot11PrivacyGrp

1.3.6.1.4.1.710.3.2.6.1.6.2                      dot11PrivacyOptionImplemented

This attribute, when true, shall indicate that the 802.11 WEP option is implemented.  
1.3.6.1.4.1.710.3.2.6.1.6.3                      dot11PrivacyInvoke

This attribute indicates if a special mechanism is invoked, to protect the Wireless LAN transmissions. The value is one of the following: 1 - Standard WEP, 2 - No Encryption, 20 - Special Encryption (#0), 21 - Special Encryption (#1), 22 - Special Encryption (#2)  
1.3.6.1.4.1.710.3.2.6.1.6.1                      dot11Preauthentication

This attribute, when true, enables Preauthentication algorithm.  
1.3.6.1.4.1.710.3.2.6.1.6.4                      dot11WEPDefaultKeyID

This attribute shall indicate the use of the first, second, third or fourth DefaultWEPKey when set to values of one, two, three or four.  
1.3.6.1.4.1.710.3.2.6.1.3                      dot11DefaultWEPKeys

1.3.6.1.4.1.710.3.2.6.1.3.1                      dot11DefaultWEPKey1

This attribute indicates the WEP secret key value corresponding to KeyID 1. The WEP secret key is logically WRITE-ONLY. Attempts to read this attribute shall return a string of asterisks (enter exactly 10 Hex-Decimal digits).  
1.3.6.1.4.1.710.3.2.6.1.3.2                      dot11DefaultWEPKey2

This attribute indicates the WEP secret key value corresponding to KeyID 2. The WEP secret key is logically WRITE-ONLY. Attempts to read this attribute shall return a string of asterisks (enter exactly 10 Hex-Decimal digits).  
1.3.6.1.4.1.710.3.2.6.1.3.3                      dot11DefaultWEPKey3

This attribute indicates the WEP secret key value corresponding to KeyID 3. The WEP secret key is logically WRITE-ONLY. Attempts to read this attribute shall return a string of asterisks (enter exactly 10 Hex-Decimal digits).  
1.3.6.1.4.1.710.3.2.6.1.3.4                      dot11DefaultWEPKey4

This attribute indicates the WEP secret key value corresponding to KeyID 4. The WEP secret key is logically WRITE-ONLY. Attempts to read this attribute shall return a string of asterisks (enter exactly 10 Hex-Decimal digits).

1.3.6.1.4.1.710.3.2.6.2 dot11mac

1.3.6.1.4.1.710.3.2.6.2.1.3 dot11RTSThreshold  
This attribute indicates the number of bytes in an MPDU (frame), above which an RTS/CTS handshake will be performed. Setting this attribute to be larger than the maximum frame size, will prevent the RTS/CTS handshake for frames transmitted by this station.

1.3.6.1.4.1.710.3.2.6.2.1.1 dot11MaxMulticastRate  
This attribute indicates the basic rate for multicast frames.

1.3.6.1.4.1.710.3.2.6.2.1.2 dot11DwellTime  
This attribute indicates the dwell time in Kilo-microsecond. Allowed Values for version 5.x.x and higher are between 19..390. For older versions values are between 1 - 3. This attribute is available only in AP's.

1.3.6.1.4.1.710.3.2.6.2.1.4 dot11ShortRetryLimit  
This attribute indicates the number of retransmission attempts made, before a failure condition is indicated. Values between 0..20 .

1.3.6.1.4.1.710.3.2.6.2.1.5 dot11DwellRetryLimit  
This attribute indicates the number of retransmission attempts made in several Dwells, before a failure condition is indicated. Values between 0..9 .

1.3.6.1.4.1.710.3.2.6.2.1.6 dot11FragmentationThreshold  
This attribute specifies the current maximum size, in octets, of the MPDU that will be delivered to the PHY. A frame will be broken into fragments if its size exceeds the value of this attribute, after adding MAC header and tailors. The value is one of the following:  
1 - 560 octets,  
2 - 800 octets,  
3 - 1518 octets.

1.3.6.1.4.1.710.3.2.6.2.1.7 dot11ShortRetryLimitForVoice  
This attribute indicates the number of retransmission for voice attempts made, before a failure condition is indicated. Values between 0..9 . This option is only for AP's.

1.3.6.1.4.1.710.3.2.6.2.1.8 dot11DwellRetryLimitForVoice  
This attribute indicates the number of retransmission for voice attempts made in several Dwells, before a failure condition is indicated. Values between 0..5 . This option is only for AP's.

1.3.6.1.4.1.710.3.2.6.3 dot11res

1.3.6.1.4.1.710.3.2.6.3.8.2.3 dot11manufacturerName  
This attribute identifies the manufacturer of the resource.

1.3.6.1.4.1.710.3.2.6.3.8.2.4 dot11manufacturerProductName  
This attribute identifies the manufacturer product name of the resource.

1.3.6.1.4.1.710.3.2.6.3.8.2.5 dot11manufacturerProductVersion  
This attribute identifies the manufacturer's product version of the resource.

1.3.6.1.4.1.710.3.2.6.3.8.2.1 dot11CurrentStationStatus  
This attribute identifies the current Station Wlan status. This attribute is not available in AP's.

1.3.6.1.4.1.710.3.2.6.3.8.2.2 dot11TotalNumberOfAssocSinceLastReset  
This attribute identifies how many time the device Associated since startup.

1.3.6.1.4.1.710.3.2.6.4 dot11phy

1.3.6.1.4.1.710.3.2.6.4.1 dot11PhyOperationGrp

1.3.6.1.4.1.710.3.2.6.4.1.3 dot11CurrentRegDomain  
This attribute specifies the regularity domain, for the radio operation of this device. This integer contains an 8 bit value, as defined below:  
00h - EthAirNet, 10h - USA, 20h - Canada, 30h - Europe, 31h - Spain,  
32h - France, 37h - Europe Double Deviation, 38h - Netherlands,  
40h - Japan, 41h - Korea, 48h - Israel, 49h - Australia,  
60h - Proprietary.

1.3.6.1.4.1.710.3.2.6.4.3 dot11PhyAntennaGrp  
1.3.6.1.4.1.710.3.2.6.4.3.2 dot11CurrentTxAntenna  
This attribute specifies the current antenna being used to transmit. The value is one of the following:  
0 - Intelligent antennas selection,  
1 - Transmitting only with antenna 1,  
2 - Transmitting always with antenna 2.

1.3.6.1.4.1.710.3.2.6.4.4 dot11PhyTxPwrGrp  
1.3.6.1.4.1.710.3.2.6.4.4.11 dot11CurrentTxPwrLvl  
This attribute specifies the power level, currently being used to transmit data. The value is one of the following:  
0 - Low, or 1 - High.

1.3.6.1.4.1.710.3.2.6.4.5 dot11PhyFHSSGrp  
1.3.6.1.4.1.710.3.2.6.4.5.6 dot11CurrentSet  
This attribute represents the current set of patterns that the device is using to determine the hop sequence. The range of values is 1 to 3, and the default is 1.

1.3.6.1.4.1.710.3.2.6.4.5.7 dot11CurrentPattern  
This attribute represents the current pattern that the device is using to determine the hop sequence.

1.3.6.1.4.1.710.3.2.6.4.5.5 dot11CurrentDwellTime  
This attribute specifies the current time, in Kilo-microseconds, that the radio operates on a single channel. The value is from 19 - 390. The same Dwell Time value should be assigned to all the devices within the same Wireless LAN network.

1.3.6.1.4.1.710.3.2.6.5 dot11MultySupport  
1.3.6.1.4.1.710.3.2.6.5.1 dotMultyRateSupport  
This attribute indicates the multi cast rate support.

1.3.6.1.4.1.710.3.2.6.5.2 dotMultyRateDecisionWindow  
This attribute indicates the multi cast rate decision window size.

1.3.6.1.4.1.710.3.2.6.6 dot11Maintenance  
1.3.6.1.4.1.710.3.2.6.6.1 dot11WaitforAssociationAddress  
This attribute indicates the station mac-address. 0 - Use mine 1 - Wait for update via Ethernet Available only for Stations.

1.3.6.1.4.1.710.3.2.6.6.2 dot11JapanCallSign  
This attribute indicates the Japan call sign string. Available only for Japan Standard.

### **BREEZEACCESS MIB**

1.3.6.1.4.1.710.3.2 brzAccessMib  
1.3.6.1.4.1.710.3.3.1 brzaccServiceParameters  
1.3.6.1.4.1.710.3.3.1.1 brzaccMirCirOption

Applicable to SU only. Enabling/disabling the MIR & CIR support feature. Range: 0: Disable 1: Enable with protocol 2: Enable without protocol

1.3.6.1.4.1.710.3.3.1.2                      brzaccMirAUtoSU

Applicable to SU only. If the MIR/CIR option (see brzaccMirCirOption) is enabled, it sets the Maximum Information Rate (MIR) from AU to SU. Valid values: 32 - 2048 (Kbps).

1.3.6.1.4.1.710.3.3.1.3                      brzaccMirSUtoAU

Applicable to SU only. If the MIR/CIR option (see brzaccMirCirOption) is enabled, it sets the Maximum Information Rate (MIR) from SU to AU. Valid values: 32 - 2048 (Kbps).

1.3.6.1.4.1.710.3.3.1.4                      brzaccCirAUtoSU

Applicable to SU only. If the MIR/CIR option (see brzaccMirCirOption) is enabled, it sets the Committed Information Rate (CIR) from AU to SU. Valid values: 0 - 1024 (Kbps).

1.3.6.1.4.1.710.3.3.1.5                      brzaccCirSUtoAU

Applicable to SU only. If the MIR/CIR option (see brzaccMirCirOption) is enabled, it sets the Committed Information Rate (CIR) from SU to AU. Valid values: 0 - 1024 (Kbps).

1.3.6.1.4.1.710.3.3.2                      brzaccUserFilterParams

1.3.6.1.4.1.710.3.3.2.1                      brzaccUserFilterOption

Applicable to SU only. Defining the user filtering options. Disable (0): no filtering. IP Only (1): only IP protocol frames pass. Enable (2): only frames from user defined IP addresses pass. PPPoE Only (3): only PPPoE Protocol frames pass

1.3.6.1.4.1.710.3.3.2.2                      brzaccIpFilterTable

Applicable to SU only. A table of up to 8 User Defined Addresses (or addresses groups) to be used if the selected User Filtering Option (see brzaccUserFilterOption) is Enable.

1.3.6.1.4.1.710.3.3.2.2.1.1                      brzaccIpID

An IP Address for the User Filtering table to be used if the selected User Filtering Option (see brzaccUserFilterOption) is Enable. 4 groups of three decimal digits each, separates by dots.

1.3.6.1.4.1.710.3.3.2.2.1.2                      brzaccMaskID

An IP Mask for the IP Address entry. (Either a mask or a range, but not both, can be used to define an addresses group). 4 groups of three decimal digits each, separates by dots.

1.3.6.1.4.1.710.3.3.2.2.1.3                      brzaccIpFilterRange

An addresses range for the IP Address entry. The first address in the range is the IP Address entry. (Either a mask or a range, but not both, can be used to define an addresses group). Valid range: 0-xxx.

1.3.6.1.4.1.710.3.3.2.2.1.4                      brzaccIpFilterIdx

A table Index for the IP Address entry. Range: 1-8.

1.3.6.1.4.1.710.3.3.2.3                      brzaccDeleteOneUserFilter

Delete a single entry (1st to 8th) from the User Filtering Defined Addresses table. Range: Off (0), FirstEntry (1), SecondEntry (2), ThirdEntry (3), FourthEntry (4), FifthEntry (5), SixthEntry (6), SeventhEntry(7), EighthEntry (8).

1.3.6.1.4.1.710.3.3.2.4                      brzaccDeleteAllUserFilters

Delete all entries from the User Filtering Defined Addresses table. Range: DeleteAll (1), Off (2).



An IP Address for the table of stations to sends traps to. 4 groups of three decimal digits each, separates by dots.

1.3.6.1.4.1.710.3.3.4.7.1.3                      brzaccNwTrapTabledx

A table Index for the IP Address entry. Range: 1-3.

1.3.6.1.4.1.710.3.3.4.8                      brzaccDeleteOneTrapAddr

Delete a single entry (1st to 3rd) from the table of stations to sends traps to. Range: Off (0), FirstEntry (1), SecondEntry (2), ThirdEntry (3).

1.3.6.1.4.1.710.3.3.4.9                      brzaccDeleteAllTrapAddrs

Delete all entries from the table of stations to sends traps to. Range: On (1), off (2).

1.3.6.1.4.1.710.3.3.5                      brzaccBridgeParameters

1.3.6.1.4.1.710.3.3.5.1                      brzaccEthBroadcastFiltering

Applicable to SU Only. Enabling/disabling filtering of Ethernet (layer2) broadcasts. 0 - Disable (no filtering) 1 - EthOnly (filter only broadcast messages received on the Ethernet port). 2 - WlanOnly (filter only broadcast messages received on the WLAN port), 3 - BothWlan&Eth (filter broadcast messages received on either the Ethernet or the WLAN port).

1.3.6.1.4.1.710.3.3.5.2                      brzaccVLANSupport

1.3.6.1.4.1.710.3.3.5.2.1                      brzaccVlanID

Applicable to SU only. VLAN ID for data frames tagging. Range: 1-4094. 0 means not applicable.

1.3.6.1.4.1.710.3.3.5.2.2                      brzaccEthernetLinkType

VLAN support mode (Link Type). (AccessLink is not available for AU). Range: AccessLink (1), TrunkLink (2), HybridLink (3).

1.3.6.1.4.1.710.3.3.5.2.5                      brzaccManagementVID

VLAN ID for management frames tagging. In SU with voice support used also for tagging voice frames (RTP packets) Range: 1-4094.

1.3.6.1.4.1.710.3.3.5.2.6                      brzaccVoicePriorityTag

Applicable to SU with voice support only. Allows tagging voice frames when operating in Hybrid Link mode. Range: Disable (0), Enable (1).

1.3.6.1.4.1.710.3.3.5.2.7                      brzaccVLANForwarding

1.3.6.1.4.1.710.3.3.5.2.7.1                      brzaccVlanForwardingSupport

Enabling/disabling VLAN Forwarding feature. (Applicable only in Trunk Links). Range: Disable (0), Enable (1).

1.3.6.1.4.1.710.3.3.5.2.7.2                      brzaccVlanForwardingTable

A table of up to 20 VLAN IDs of devices to which data frames will be forwarded when the VLAN Forwarding feature is enabled.

1.3.6.1.4.1.710.3.3.5.2.7.1.1                      brzaccVlanForwardingTabledx

A table Index for a VLAN entry in the VLAN Forwarding table. Range: 0-19.

1.3.6.1.4.1.710.3.3.5.2.7.2.1.2                      brzaccVlanIdForwarding

The list of VLAN ID's in the VLAN IDForwarding Table. To Remove a VLAN ID - just SET the corresponding entry to 0. To Add a new VLAN ID SET an entry which is now 0.

1.3.6.1.4.1.710.3.3.5.2.8                      brzaccVLANRelaying

1.3.6.1.4.1.710.3.3.5.2.8.1                      brzaccVlanRelayingSupport

Applicable to AU only. Enabling/disabling VLAN Relaying feature. (Applicable only in Trunk Links). Range: Disable (0), Enable (1).

1.3.6.1.4.1.710.3.3.5.2.8.2                      brzaccVlanRelayingTable

A table of up to 20 VLAN IDs of devices to which data frames will be relayed when the VLAN Relaying feature is enabled.

1.3.6.1.4.1.710.3.3.5.2.8.2.1.1           brzaccVlanRelayingTableIdx

A table Index for a VLAN entry in the VLAN Relaying table. Range: 0-19.

1.3.6.1.4.1.710.3.3.5.2.8.2.1.2           brzaccVlanIdRelaying

VLAN ID entry in the VLAN Relaying table. To remove-set entry to 0. To add-set an entry which is now 0. Range: 0-4094.

1.3.6.1.4.1.710.3.3.5.2.9               brzaccVLANTrafficPriority

1.3.6.1.4.1.710.3.3.5.2.9.1           brzaccVlanDataPriority

Sets the the VLAN Data Priority. Range: 0 to 7. It is only applicable for SU units.

1.3.6.1.4.1.710.3.3.5.2.9.2           brzaccVlanVoicePriority

Applicable to SU with voice support only. Priority tagging for voice frames. Range: 0-7.

1.3.6.1.4.1.710.3.3.5.2.9.3           brzaccVlanManagementPriority

Priority tagging for management frames. Valid values: 0-7.

1.3.6.1.4.1.710.3.3.5.2.9.4           brzaccPriorityQueueThreshold

Priority Threshold for tagged frames received from Ethernet port. Valid values: 0-7.

1.3.6.1.4.1.710.3.3.5.3               brzaccBridgeAgingTime

Bridge aging time for devices on the wired (Ethernet) side. Range (in seconds): 100 to 2000.

1.3.6.1.4.1.710.3.3.5.4               brzaccLanToWirelessLinkBridgeMode

Applicable to AU Only. Controlling flow of information from Ethernet to Wlan.

RejectUnknown (0): Allows only transmission to addresses known to be on the wlan side.

ForwardUnknown(1): forward all frames, except those sent to addresses known to be on the Ethernet side.

1.3.6.1.4.1.710.3.3.5.5               brzaccBroadcastRelaying

Applicable to AU only. Enable/disable relaying to the Wlan of broadcast Messages.

Range: Disable(0), Enable(1).

1.3.6.1.4.1.710.3.3.5.6               brzaccUnicastRelaying

Applicable to AU only. Enable/disable relaying to the Wlan of unicast Messages.

Range: Disable(0), Enable(1).

1.3.6.1.4.1.710.3.3.5.7               brzaccEthBroadcastingParameters

1.3.6.1.4.1.710.3.3.5.7.1           brzaccPermitDHCPBroadcast

Applicable to SU only. Enable/disable broadcasting of DHCP messages, overriding the selected option in the general Ethernet Broadcasting filtering option

(brzaccEthBroadcastFiltering). Range: Disable (0), Enable (1).

1.3.6.1.4.1.710.3.3.5.7.2           brzaccPermitPPPoEBroadcast

Enable/disable broadcasting of PPPoE messages, overriding the selected option in the general Ethernet Broadcasting filtering option (brzaccEthBroadcastFiltering). Range:

Disable (0), Enable (1).

1.3.6.1.4.1.710.3.3.5.7.3           brzaccPermitArpBroadcast

Enable/disable broadcasting of ARP messages, overriding the selected option in the general Ethernet Broadcasting filtering option (brzaccEthBroadcastFiltering). Range:

Disable (0), Enable (1).

1.3.6.1.4.1.710.3.3.5.8               brzaccToSPriorityParameters

1.3.6.1.4.1.710.3.3.5.8.1           brzaccVoicePacketsToS

Applicable to SU with voice support only. The value of Type of Service to be inserted in the IP header of voice frames. Valid values: 0-255.

1.3.6.1.4.1.710.3.3.5.8.2                      brzaccToSPrecedenceThreshold

Priority Threshold for untagged frames (based on ToS) received from Ethernet port. Valid values: 0-7.

1.3.6.1.4.1.710.3.3.6                              brzaccAirInterface

1.3.6.1.4.1.710.3.3.6.1                          brzaccESSID

The ESSID (Extended Service Set ID) that is used to prevents the merging of collocated systems. A string of up to 31 printable ASCII characters, case sensitive.

1.3.6.1.4.1.710.3.3.6.2                          brzaccAckDelayLimit

Set the maximum time the unit waits for ACKs before retransmissions. The higher the range, the higher the time the unit should wait for acknowledge. 0- Low (up to 10km), 1 - Medium (up to 20km), 3 - High (more than 20km).

1.3.6.1.4.1.710.3.3.6.3                          brzaccFreqOffset

Applicable to 3.5, 3.8, 2.6 and MMDS families only. Determines the beginning of the actual hopping band/frequency relative to the beginning of the radio band.

1.3.6.1.4.1.710.3.3.6.4                          brzaccTransmitDiversity

Applicable to 2.4 and MMDS 'indoor' products only. Allows selecting which antenna is to be used for transmission. Valid values: Use2Antenas (0), Antena1 (1), Antena2 (2).

1.3.6.1.4.1.710.3.3.6.5                          brzaccHoppingSequence

Applicable to 2.4 family, AU only. Hopping Sequence to be used. Different AUs in the same site should use different Hopping Sequences. Valid range depends on Hopping standard: Australia: 1-20, Canada: 1-10, Europe ETSI: 1-26, France: 1-11, Israel: 1-11, Japan: 1-4, Korea: 1-4, Netherlands: 1-5, Spain: 1-9, US FCC: 1-26, Mexico: 1-10, Rest of America: 1-26.

1.3.6.1.4.1.710.3.3.6.6                          brzaccHoppingSet

Applicable to 2.4 family, AU only. Hopping Set to be used. All AUs in the same site should use the same Hopping Set. Range: 1-3.

1.3.6.1.4.1.710.3.3.6.7                          brzaccHoppingSync

BS-AU only. Inter-AU Hopping Sync functionality of the unit. In the 2.4 family, synchronization among AUs is not available with the following Hopping Standards: US FCC, Australia, Canada. Range: Idle (0), Master (1), Slave (2).

1.3.6.1.4.1.710.3.3.6.8                          brzaccHoppingShift

Applicable to 3.5 and MMDS families only. Defines a Hopping Sequence different from the basic sequence Hopping Shift =0). Different collocated AUs should use different Hopping Shifts. Valid Range: 0 to (number of operational channels-1).

1.3.6.1.4.1.710.3.3.6.9                          brzaccHoppingBands

Applicable to 3.5 and MMDS families only (in 2.4 products Hopping Standard is factory defined and cannot be changed). Selection of Hopping Bandwidth or operation in a Single Channel mode or Flexible Sub-band definition. Valid values: MMDS series: frqMMDS\_HoppingSequence6MHz(34), frqMDS\_HoppingSequence12MHz (35), frqFlexibleHopping(37), frqSingleChannelMMDS(38), 3.5 series, 3.8 GHz products: frq3.8GHzBand1(0), frq3.8GHzSelectable(1), frq3.8GhzApprovalSpectrumMask(2), frqSingleChannel3.8GHz(42), 3.5 series, 3.5a and 3.5b products: frq3.5aGHzHoppingSequence10MHz (15), frq3.5aGHzHoppingSequence12MHz (16), frq3.5aGHzHoppingSequence14MHz (17), frq3.5aGHzHoppingSequence24MHz (18),

frq3.5aGHzHoppingSequence28MHz (19), frq3.5aGHzHoppingSequence36MHz(20), frq3.5aGHzHoppingSequence42MHz(21), frq3.5bGHzHoppingSequence50MHz(32), frqSingleChannel3.5GHz (40), 3.5 series, 3.5a1 products:  
frq3.5a1GhzHoppingSequence10MHz(23), frq3.5a1GhzHoppingSequence12MHz(24), frq3.5a1GhzHoppingSequence14MHz(25), frq3.5a1GhzHoppingSequence24MHz(26), $\mu$ 7

1.3.6.1.4.1.710.3.3.6.10                      brzaccMaxDataRate

The maximum transmission data rate. Range: Max1Mbps (1), Max2Mbps (2), Max3Mbps (3).

1.3.6.1.4.1.710.3.3.6.11                      brzaccTransmitPowerControl

Applicable for IF based units only. A value of 15 is maximum power. A lower value will reduce the transmitted power. Valid values: 0-15.

1.3.6.1.4.1.710.3.3.6.12                      brzaccRxAttenuationControl

Applicable for IF based units only. Allows reducing the gain of the receive amplifier. Valid values: High0dB (0), Med10dB (1), Low25dB (2).

1.3.6.1.4.1.710.3.3.6.14                      brzaccMaximumVoiceSessions

Applicable to AU only. The maximum number of simultaneous voice sessions allowed in order to guarantee minimum quality. Valid values: 0 to 50.

1.3.6.1.4.1.710.3.3.6.16                      brzaccCallAgingTime

Applicable to AU only. The aging time for an inactive voice call in the Call Info database. Valid values: 1-50,000 seconds (1=No Aging)

1.3.6.1.4.1.710.3.3.6.18                      brzaccCurrentTxPwILvl

Applicable to 2.4 'indoor' products only. Allows reducing the transmitted power level from 'High' (17dBm antenna port) to 'Low' (10dBm). Low (0), High (1) (In units using the following ETSI compatible Hopping Standards the default setting is 'Low' and cannot be changed to 'High: Europe ETSI, France, Israel, Japan, Korea, Netherlands, Spain).

1.3.6.1.4.1.710.3.3.6.19                      brzaccWirelessTrapThreshold

A wireless link quality threshold for sending the brzaccWirelessStatusTRAP or brzaccWirelessStatusOfSUsTRAP traps, indicated that the quality has dropped below or has gone above the specified threshold. In the SU the Threshold is in RSSI units. Valid values: 0-255. In the AU it is in percents (retransmissions as a percentage of total transmissions). Valid values: 0-100 (%).

1.3.6.1.4.1.710.3.3.6.15                      brzaccFlexSubBandDef

1.3.6.1.4.1.710.3.3.6.15.1                      brzaccAddSubBand

Applicable to 2.4 and MMDS families only. For the XL Products this is like the Define Sub-Bands Option. Add sub-bands/frequencies using MHz or KHz resolution, and using a hyphen to separate between the two entries defining a band,.e.g.: To defined a band: aaaa.xxx-bbbb.yyy or aaaa.xxx-bbbb or aaaa-bbbb.yyy or aaaa-bbbb (no spaces). To define a discrete frequency: aaaa or aaaa.xxx (no spaces).

1.3.6.1.4.1.710.3.3.6.15.2                      brzaccDelSubBand

Applicable to 2.4 and MMDS families only. For the XL Products this is not applicable as brzaccAddSubBand Deletes the bands before adding the new definition. Delete sub-bands/frequencies using MHz or KHz resolution, and using a hyphen to separate between the two entries defining a band,.e.g.: To defined a band: aaaa.xxx-bbbb.yyy or aaaa.xxx-bbbb or aaaa-bbbb.yyy or aaaa-bbbb (no spaces). To define a discrete frequency: aaaa or aaaa.xxx (no spaces).

1.3.6.1.4.1.710.3.3.6.15.7                      brzaccAddFlexHopChannels  
Applicable to MMDS families only. Add Flexible Hopping Channels from the Sub-bands Table. Up to 30 printable ASCII characters in one of the following formats: 1. A1 2. B2,C3,G4 (no spaces)

1.3.6.1.4.1.710.3.3.6.15.8                      brzaccDelFlexHopChannels  
Applicable to MMDS families only. Delete Flexible Hopping Channels from the Sub-bands Table. Up to 30 printable ASCII characters in one of the following formats: 1. A1 2. B2,C3,G4 (no spaces)

1.3.6.1.4.1.710.3.3.6.15.3                      brzaccEraseAllSubBands  
Applicable to 2.4 and MMDS families only. Delete all entries from the Sub-bands table. Range: EraseAll (0), Cancel (1).

1.3.6.1.4.1.710.3.3.6.15.4                      brzaccSubBandTable  
Displays sub-bands to be supported after next reset.

1.3.6.1.4.1.710.3.3.6.15.4.1.1                      brzaccSubBand  
Applicable only in software version 2.6. Displays a Sub-band entry.

1.3.6.1.4.1.710.3.3.6.15.4.1.2                      brzaccSubBandsTableIdx  
Index to table.

1.3.6.1.4.1.710.3.3.6.15.4.1.3                      brzaccSubBandExp  
Displays a Sub-band entry.

1.3.6.1.4.1.710.3.3.6.15.5                      brzaccCurrentHoppingSeqTable  
Displays currently used frequencies.

1.3.6.1.4.1.710.3.3.6.15.5.1.1                      brzaccHopSeqSubBand  
Applicable only in software version 2.6. Displays a currently used frequency.

1.3.6.1.4.1.710.3.3.6.15.5.1.2                      brzaccCurrHopSeqTableIdx  
Index to table.

1.3.6.1.4.1.710.3.3.6.15.5.1.3                      brzaccCurrSubBandExp  
Displays a currently used frequency.

1.3.6.1.4.1.710.3.3.6.15.6                      brzaccChannelSpacing  
Applicable to 3.5 family only. The Channel Spacing to be used (minimal distance between two frequencies).

1.3.6.1.4.1.710.3.3.6.17                      brzaccSecurityParameters

1.3.6.1.4.1.710.3.3.6.17.1                      brzaccPrivacyOptionImplemented

1.3.6.1.4.1.710.3.3.6.17.2                      brzaccAuthenticationAlgorithm  
Enabling/disabling the authentication option. 0 - Open System (no authentication), 1 - Shared Key (authentication enabled).

1.3.6.1.4.1.710.3.3.6.17.3                      brzaccDefaultKeyID  
The ID of the key to be used. Range: 1 to 4.

1.3.6.1.4.1.710.3.3.6.17.4                      brzaccWEPKey1  
Encryption WEP Key # 1. 10 hexadecimal digits.

1.3.6.1.4.1.710.3.3.6.17.5                      brzaccWEPKey2  
Encryption WEP Key # 2. 10 hexadecimal digits.

1.3.6.1.4.1.710.3.3.6.17.6                      brzaccWEPKey3  
Encryption WEP Key # 3. 10 hexadecimal digits.

1.3.6.1.4.1.710.3.3.6.17.7                      brzaccWEPKey4  
Encryption WEP Key # 4. 10 hexadecimal digits.

1.3.6.1.4.1.710.3.3.7.                      brzaccPerformanceParams

1.3.6.1.4.1.710.3.3.7.1                      brzaccNumOfRetranmissions  
Maximum times to retransmit a packet that was not acknowledged. Range: 0 (no retransmissions)- 100.

1.3.6.1.4.1.710.3.3.7.2                      brzaccNumOfDwellToRetransmit  
Minimum dwell periods during which an unacknowledged packet will be retransmitted. Valid values: 0-9.

1.3.6.1.4.1.710.3.3.7.3                      brzaccNumOfRetransToDecRate  
Number of unsuccessful retransmissions to decrease transmission rate. Range: 0-10.

1.3.6.1.4.1.710.3.3.7.5                      brzaccMinContentionWin  
A parameter that determines the size of the contention window (time to wait before transmission for collision avoidance). Range: 7-255.

1.3.6.1.4.1.710.3.3.7.6                      brzaccMaxMulticastRate  
Applicable to AU only. Maximum rate for transmission of multicast and broadcast messages. Range: Max1Mbps (1), Max2Mbps (2), Max3Mbps (3).

1.3.6.1.4.1.710.3.3.7.7                      brzaccCarrierSenseLevel  
Threshold level for decision on existence of a carrier signal (transmission by another unit). Range: -255 to +255.

1.3.6.1.4.1.710.3.3.7.8                      brzaccCarrierSenseDifferenceLevel  
Carrier Sense Difference Level. Only for 2.4 products. Enter a number from 0 to 255.

1.3.6.1.4.1.710.3.3.7.9                      brzaccDwellTime  
Applicable to AU only. The time (in Kilo-microseconds) spent on each radio channel (hop). Valid values: T32KiloMicrosecods (32), T64KiloMicrosecods (64), T128KiloMicrosecods (128).

1.3.6.1.4.1.710.3.3.7.10                      brzaccRTSThreshold  
The minimal frame size that requires RTS/CTS handshake. Range: 20 to 1600 bytes.

1.3.6.1.4.1.710.3.3.7.11                      brzaccRate

1.3.6.1.4.1.710.3.3.7.11.1                      brzaccMultiRateSupport  
Enabling/disabling the multi-Rate decision mechanism. Range: disable (0), enable (1).

1.3.6.1.4.1.710.3.3.7.11.2                      brzaccMultiRateDecisionWinSize  
The size of the decision window for the Multi-Rate mechanism. Range: 1 to 50.

1.3.6.1.4.1.710.3.3.8.                      brzaccSiteSurvey

1.3.6.1.4.1.710.3.3.8.1                      perHopStatisticsTable  
Statistics per frequency for all hopping frequencies in the last hopping cycle (sequence)

1.3.6.1.4.1.710.3.3.8.1.1.1                      wPperHopStatisticsTable  
The channel number according to the hopping sequence.

1.3.6.1.4.1.710.3.3.8.1.1.2                      hopTracerRx  
Number of frames received at the specified frequency.

1.3.6.1.4.1.710.3.3.8.1.1.3                      hopTracerTx  
Number of frames transmitted at the specified frequency.

1.3.6.1.4.1.710.3.3.8.1.1.4                      hopTracerRetries  
Number of frames retransmitted at the specified frequency.

1.3.6.1.4.1.710.3.3.8.1.1.5                      hopTracerRSSI  
Average RSSI for all frames received at the specified frequency.

1.3.6.1.4.1.710.3.3.8.2                      brzaccTrafficStatistics

1.3.6.1.4.1.710.3.3.8.2.1                      brzaccResetTrafficCounters  
Reset the traffic counters. Values: NoResest (0), Reset (1).

1.3.6.1.4.1.710.3.3.8.2.2	brzaccEthCounters
1.3.6.1.4.1.710.3.3.8.2.2.1	brzaccTotalRxFramersViaEthernet
Total received frames via Ethernet.	
1.3.6.1.4.1.710.3.3.8.2.2.2	brzaccTxWirelessToEthernet
Transmitted frames from the WLAN to Ethernet.	
1.3.6.1.4.1.710.3.3.8.2.3	brzaccWlanCounters
1.3.6.1.4.1.710.3.3.8.2.3.1	brzaccTotalTxFramesToWireless
Total transmitted frames to Wireless LAN.	
1.3.6.1.4.1.710.3.3.8.2.3.2	brzaccTotalRxFramesFromWireless
Total received frames from wireless LAN.	
1.3.6.1.4.1.710.3.3.8.2.3.3	brzaccTotalRetransmittedFragments
Total received fragments on WLAN.	
1.3.6.1.4.1.710.3.3.8.2.3.4	brzaccWlanFramesDropped
Total number of frames dropped on WLAN. This can be caused by too many retries.	
1.3.6.1.4.1.710.3.3.8.3	brzaccAverageRssiOrDbm
1.3.6.1.4.1.710.3.3.8.3.1	brzaccAveragePower
Applicable to SU only. A value representing the average Signal Strength of received frames.	
1.3.6.1.4.1.710.3.3.8.3.2	brzaccRssiOrDbm
Select the measurement units for average RSSI display (brzaccAveragePower). Selection: RSSI (0), DBM (1).	
1.3.6.1.4.1.710.3.3.9	brzaccSpecialOp
1.3.6.1.4.1.710.3.3.9.1	brzaccChallengeText
Challenge text for entering Factory Operation Mode. WARNING: Only for Manufacturing purposes.	
1.3.6.1.4.1.710.3.3.9.2	brzaccFLogout
Performs Logout from the Monitor if in factory Mode!	
1.3.6.1.4.1.710.3.3.9.3	brzaccRadioBand
Operational Radio Band according to Dip Switches.	
1.3.6.1.4.1.710.3.3.9.4	brzaccOemDescription
Describes OEM Type of Unit. WARNING: FOR MANUFACTURING ONLY! Set can be performed only when monitor is in Factory Mode.	
1.3.6.1.4.1.710.3.3.9.5	brzaccOemVendorName
Describes OEM Vendor Name for Unit. WARNING: FOR MANUFACTURING ONLY! Set can be performed only when monitor is in Factory Mode.	
1.3.6.1.4.1.710.3.3.9.6	brzaccOemProductLineName
Describes OEM Product Line of Unit. WARNING: FOR MANUFACTURING ONLY! Set can be performed only when monitor is in Factory Mode.	
1.3.6.1.4.1.710.3.3.10	brzaccUnitControl
1.3.6.1.4.1.710.3.3.10.1	brzaccResetUnit
Reset the unit and apply new parameters' values. Valid values: Cancel (0), ResetSystemNow (1).	
1.3.6.1.4.1.710.3.3.10.2	brzaccSetDefaults
Sets Unit configuration to default values after the next reset. Complete: All parameters revert to factory default values. Partial: All parameters revert to factory default values,	

except to parameters required to maintain wireless connectivity: IP parameters, ESSID, frequency settings parameters and Transmit Antenna where applicable.

1.3.6.1.4.1.710.3.3.10.3                      brzaccUnitName

The unit name. A string of up to 32 printable ASCII characters.

1.3.6.1.4.1.710.3.3.10.7                      brzaccUnitPasswords

1.3.6.1.4.1.710.3.3.10.7.1                      brzaccReadOnlyPassword

Change the user (read only) password. A string of up to 8 printable ASCII characters.

1.3.6.1.4.1.710.3.3.10.7.2                      brzaccInstallerPassword

Change the Installer password. A string of up to 8 printable ASCII characters.

1.3.6.1.4.1.710.3.3.10.7.3                      brzaccAdminPassword

Change the Administrator password. A string of up to 8 printable ASCII characters.

1.3.6.1.4.1.710.3.3.10.4                      brzaccFlashMemoryControl

1 - Reset And Boot From Shadow Version: to activate the backup SW version, 2 - Use Current Version After Reset : Current active version will be the active version after next reset.

1.3.6.1.4.1.710.3.3.10.5                      brzaccConsoleSpeed

The communication speed of the Monitor port. Values: s9600bps (1), s19200bps (2), s38400bps (3), s57600bps(4), s115200bps (5).

1.3.6.1.4.1.710.3.3.10.6                      brzaccMonitorLogoutTimer

Time-out of management programs (Monitor, Telnet, SNMP)-auto-exit after program is not used for the defined time. Range: 1 to 999 (minutes).

1.3.6.1.4.1.710.3.3.11                      brzaccIpParams

1.3.6.1.4.1.710.3.3.11.1                      brzaccUnitIpAddress

IP Address of the unit. 4 groups of three decimal digits each, separates by dots.

1.3.6.1.4.1.710.3.3.11.2                      brzaccSubNetMask

Subnet Mask of the unit. 4 groups of three decimal digits each, separates by dots.

1.3.6.1.4.1.710.3.3.11.3                      brzaccDefaultGWAddress

Default Gateway IP Address of the unit. 4 groups of three decimal digits each, separates by dots.

1.3.6.1.4.1.710.3.3.11.4                      brzaccUseDhcp

This attribute defines the DHCP Client modes. DHCP Client Disabled - IP Address configuration is manual.

DHCP Client DHCP Only - IP Address configuration is by using DHCP Server.

DHCP Client Automatic - Tries to locate a DHCP Server for about 40 seconds, and if such was not found - the IP configuration is manual.

1.3.6.1.4.1.710.3.3.11.5                      brzaccRunIPaddr

Run IP address. If DHCP is used the address given to the unit by the server will appear, otherwise the manually configured address.

1.3.6.1.4.1.710.3.3.11.6                      brzaccRunSubNetMask

Run Sub Net Mask. If DHCP is used the mask given to the unit by the server appears, otherwise the manually configured mask.

1.3.6.1.4.1.710.3.3.11.7                      brzaccRunDefaultIPGateway

Run Default Gateway. If DHCP is used the default gateway address given to the unit by the server will appear, otherwise the manually configured address will appear.

1.3.6.1.4.1.710.3.3.11.8                      brzaccAccessToDHCP

This attribute defines the Access to the DHCP Client. from Wlan Only - ,

from Ethernet Only - ,	
From Both Ethernet&Wlan - .	
1.3.6.1.4.1.710.3.3.13	brzaccSysInfo
1.3.6.1.4.1.710.3.3.13.1	brzaccUnitHwVersion
Hardware Platform Version.	
1.3.6.1.4.1.710.3.3.13.2	brzaccVoiceHwVersion
Voice Hardware Platform Version.	
1.3.6.1.4.1.710.3.3.13.3	brzaccSoftwareVersion
Running Software Version.	
1.3.6.1.4.1.710.3.3.13.4	brzaccShadowVersion
Shadow Software Version.	
1.3.6.1.4.1.710.3.3.13.5	brzaccSupportedMibVersion
The Supported Private MIB Versions.	
1.3.6.1.4.1.710.3.3.13.6	brzaccUnitMacAddress
Hardware MAC address of the Unit.	
1.3.6.1.4.1.710.3.3.13.7	brzaccUnitType
The Unit Type.	
1.3.6.1.4.1.710.3.3.13.8	brzaccAssociatedAU
Applicable to SU only. Associated AU Mac Address.	
1.3.6.1.4.1.710.3.3.13.9	brzaccNumOfAssociated
Applicable to AU only. Number of Associations Since Last reset.	
1.3.6.1.4.1.710.3.3.13.10	brzaccFlashType
Flash memory type: STRATA FLASH = New Flash, FLASH FILE = Old Flash.	
1.3.6.1.4.1.710.3.3.13.11	brzaccFlashSize
Flash Size In Mb.	
1.3.6.1.4.1.710.3.3.13.12	brzaccSwVersionAfterReset
Software version after next reset.	
1.3.6.1.4.1.710.3.3.13.13	brzaccMaxPowerOutput
The maximum output power with which the device is transmitting in dBm.	
1.3.6.1.4.1.710.3.3.13.14	brzaccFrequencyDuplex
Displays the Frequency Duplex in MHz.	
1.3.6.1.4.1.710.3.3.14	brzaccTraps
1.3.6.1.4.1.710.3.3.14.1	brzaccTrapSUMacAddr
SU MAC Address.	
1.3.6.1.4.1.710.3.3.14.2	brzaccTrapRssiQuality
RSSI level of received signal.	
1.3.6.1.4.1.710.3.3.14.3	brzaccTrapLastRssiQuality
Last RSSI level of received signal.	
1.3.6.1.4.1.710.3.3.14.4	brzaccTrapText
Textual string for future use.	
1.3.6.1.4.1.710.3.3.14.5	brzaccTrapToggle
An On/Off toggle status. On (1), off (2).	
1.3.6.1.4.1.710.3.3.14.6	brzaccLastAUMacAddress
Last Associated AU Mac Address. For SU Only	
1.3.6.1.4.1.710.3.3.14.7	brzaccTrapLog

Login or logout via the Monitor port or via Telnet. MonitorLogin (1), MonitorLogout (2), TelnetLogin (3), TelnetLogout (4).

1.3.6.1.4.1.710.3.3.14.8                      brzaccParameterChanged

A change in one of the following parameters: CIR/MIR (1), IpFilter (2), Billing (3), VLAN (4).

1.3.6.1.4.1.710.3.3.14.9                      brzaccTrapAccessRights

The access rights when performing login or logout via the Monitor port or via Telnet. NotLoggedIn (0), Read-Only (1), Installer (2), Administrator (3), Factory (4).

1.3.6.1.4.1.710.3.3.14.11                     brzaccTrapTelnetUserIpAddress

IP Address of telnet user.

## PHONE MIB

1.3.6.1.4.1.710.3.4                            brzPhoneMib

1.3.6.1.4.1.710.3.4.1                         phonDialingParams

1.3.6.1.4.1.710.3.4.1.1                      phonPulseDialing

Enabling/disabling automatic pulse dialing detection. Values: Off (0), On (1).

1.3.6.1.4.1.710.3.4.1.2                      phonGateKeeperOption

Enabling/disabling communication with Gatekeeper for call management. Values: No (0), Yes (1).

1.3.6.1.4.1.710.3.4.1.3                      phonGkGwIpAddress

IP Address of the Gateway/Gatekeeper (must be specified if Gatekeeper Option is enabled).

1.3.6.1.4.1.710.3.4.1.4                      phonMyTelephoneNumber

The telephone number as must specified in the Gateway if Gatekeeper Option is disabled, or that will be transmitted to the Gatekeeper if the Gatekeeper Option is enabled. A string up to 10 chars. Default: 0000000000 (no number).

1.3.6.1.4.1.710.3.4.1.5                      phonH323TerminalID

The H323 Terminal ID (name) to be used for calling the unit if the caller can use this feature (applicable only with Gatekeeper Option enabled). A string up to 24 characters. X=No ID.

1.3.6.1.4.1.710.3.4.1.8                      phoneIpDialingOption

Enabling/disabling dialing using IP addresses. Values: disable (0), enable (1).

1.3.6.1.4.1.710.3.4.1.9                      phoneIpDialingIndicator

Specify the prefix used to identify an IP dialing string. Up to three telephone pad digits (0-9, \*, #). If nothing is Indicated - no dialing indicator will be added.

1.3.6.1.4.1.710.3.4.1.10                     phoneAutomaticPrefix

Specify a default prefix (number of Gateway trunk) to be automatically inserted before the dialed number. Up to eight telephone pad digits (0-9, \*, #), if nothing is Indicated - no prefix will be added.

1.3.6.1.4.1.710.3.4.1.13                     phoneFastStart

Disable/Enable Fast Start.

1.3.6.1.4.1.710.3.4.2                         phonVoiceParams

1.3.6.1.4.1.710.3.4.2.1                      phonVoiceVolume

Gain of signal to earphone. Range: 0 to 20 (in -dB)

1.3.6.1.4.1.710.3.4.2.2                      phonBufferDelay

Additional processing delay. Range: 0 to 300 (milliseconds).

1.3.6.1.4.1.710.3.4.2.3                      phonEchoCancellation

Enabling/disabling the echo cancellation feature. Values: disable (0), enable (1).

1.3.6.1.4.1.710.3.4.2.4                      phonVoiceCodec

The relative priority of voice codecs. Values: 1=G.7231, 2=G.729, 3=G.711 uLaw, 4=G.711 A Law, 5=G.729AnnexA, 6=G.729wAnnexB, 7=G.729AnnexAwAnnexB. A priorities vector of up to 7 different numbers in the range 1-7.

1.3.6.1.4.1.710.3.4.2.5                      phonVoiceActivityDetection

Enabling/disabling the voice activity detection (VAD) feature. Not available with G.711 0 - OFF, 1 - G7231 (enable with G.7231)

1.3.6.1.4.1.710.3.4.2.6                      phonCompressionEfficiency

1.3.6.1.4.1.710.3.4.2.6.1                      phonG723FramesPerPacket

Compression Efficiency: Number of G723.1 voice frames in an RTP packet. Values: 1 to 8

1.3.6.1.4.1.710.3.4.2.6.2                      phonG729FramesPerPacket

Compression Efficiency: : Number of G729A voice frames in an RTP packet. Values: 1 to 8

1.3.6.1.4.1.710.3.4.2.6.3                      phonG711uFramesPerPacket

Compression Efficiency: Number of G11 u-Law voice frames in an RTP packet. Values: 1 to 16

1.3.6.1.4.1.710.3.4.2.6.4                      phonG711aFramesPerPacket

Compression Efficiency: Number of G11 A-Law voice frames in an RTP packet. Values: 1 to 16

## **BREEZENET TRAPS**

breezecomAP10

1.3.6.1.4.1.710.4.1.0.1                      brzAProamingIn

A trap indicating that a station has roamed into this AP.It contains the MAC address of the associated station and the device type of that station.

1.3.6.1.4.1.710.4.1.0.2                      brzAPassociated

An AP trap indicating that a new station was associated withthis AP. It contains the MAC address of the associated station.

1.3.6.1.4.1.710.4.1.0.3                      brzAPdisassociated

An AP trap indicating that the station dis-associated itself from the AP. The trap contains the MAC address of the disassociated station.

1.3.6.1.4.1.710.4.1.0.4                      brzAPaging

An AP trap indicating that the station association was aged out,and removed from that AP. The trap contains the MAC address of the aging station

1.3.6.1.4.1.710.4.1.0.5                      brzAProamedOut

An AP trap indicating that a given station has roamed out fromthis AP. The trap contains the MAC address of the roamed out station

1.3.6.1.4.1.710.4.1.0.7                      brzAPWlanStatusap

An AP trap, indicating a change in the Wireless media conditions. An ON value is sent when the Wireless LAN quality drops below the brzWlanTrapThreshold value. A trap with an OFF value is sent if the quality improves, exceeding the brzWlanTrapThreshold value. The Wireless LAN quality value is also being sent.

1.3.6.1.4.1.710.4.1.0.8                      brzWlanStatusOfStation

An AP trap, indicating a change in the quality of the Wireless connection, with a specific (associated) station. An ON value indicates a specially bad connection, and an OFF value is sent if the quality improves, exceeding a predetermined threshold value. The brzTrapMacAddress contains the MAC address of the applicable station.

1.3.6.1.4.1.710.4.1.0.9                      brzGeneralAP

An AP general purpose trap, for future trap implementation.

breezecomWB10

1.3.6.1.4.1.710.4.2.0.6                      brzWBassociated

A WB trap, indicating that the station became associated-with,or has roamed-to, another AP. The trap contains the MAC address and the average RSSI level of the new AP. If the station was roaming, the MAC address of the old AP, and the RSSI level prior to roaming, is also provided (for an association, the second address will appear as all-zeros).

1.3.6.1.4.1.710.4.2.0.7                      brzWBWlanStatus

A WB trap, indicating a change in the Wireless media conditions. An ON value is sent when the Wireless LAN quality drops below the brzWlanTrapThreshold value. A trap with an OFF value is sent if the quality improves, exceeding the brzWlanTrapThreshold value. The Wireless LAN quality value is also being sent.

1.3.6.1.4.1.710.4.2.0.9                      brzGeneralWB

A WB general purpose trap, for future trap implementation.

breezecomSA10

1.3.6.1.4.1.710.4.3.0.6                      brzSTAassociated

A station trap, indicating that the station became associated-with,or has roamed-to, another AP. The trap contains the MAC address and the average RSSI level of the new AP. If the station was roaming, the MAC address of the old AP, and the RSSI level prior to roaming, is also provided (for an association, the second address will appear as all-zeros).

1.3.6.1.4.1.710.4.3.0.7                      brzSTAWlanStatus

A STA trap, indicating a change in the Wireless media conditions. An ON value is sent when the Wireless LAN quality drops below the brzWlanTrapThreshold value. A trap with an OFF value is sent if the quality improves, exceeding the brzWlanTrapThreshold value. The Wireless LAN quality value is also being sent.

1.3.6.1.4.1.710.4.3.0.9                      brzGeneralSTA

A STA general purpose trap, for future trap implementation.

breezecomSA40

1.3.6.1.4.1.710.4.4.0.6                      brzSA40associated

A SA-40 trap, indicating that the station became associated-with,or has roamed-to, another AP. The trap contains the MAC address and the average RSSI level of the new AP. If the station was roaming, the MAC address of the old AP, and the RSSI level prior to roaming, is also provided (for an association, the second address will appear as all-zeros).

1.3.6.1.4.1.710.4.4.0.7                      brzSA40WlanStatus

SA-40 trap, indicating a change in the Wireless media conditions. An ON value is sent when the Wireless LAN quality drops below the brzWlanTrapThreshold value. A trap with an OFF value is sent if the quality improves, exceeding the brzWlanTrapThreshold value. The Wireless LAN quality value is also being sent.

1.3.6.1.4.1.710.4.4.0.9	brzGeneralSA40
SA-40 general purpose trap, for future trap implementation.	
1.3.6.1.4.1.710.4.6	breezecomSA120
1.3.6.1.4.1.710.4.7	breezecomSU1D
1.3.6.1.4.1.710.4.8	breezecomSU8D
1.3.6.1.4.1.710.4.9	breezecomSUBD
1.3.6.1.4.1.710.4.10	breezecomSU1D1V
1.3.6.1.4.1.710.4.11	breezecomSU8D1V
1.3.6.1.4.1.710.4.12	breezecomSUBD1V
1.3.6.1.4.1.710.4.13	breezecomAU
1.3.6.1.4.1.710.4.14	breezecomSU1D-24
1.3.6.1.4.1.710.4.15	breezecomSU8D-24
1.3.6.1.4.1.710.4.16	breezecomSUBD-24
1.3.6.1.4.1.710.4.17	breezecomSU1D1V-24
1.3.6.1.4.1.710.4.18	breezecomSU8D1V-24
1.3.6.1.4.1.710.4.19	breezecomSUBD1V-24
1.3.6.1.4.1.710.4.20	breezecomAU-24
1.3.6.1.4.1.710.4.21	breezecomAUbst-24
1.3.6.1.4.1.710.4.22	breezecomSU1D-MMDS
1.3.6.1.4.1.710.4.23	breezecomSU8D-MMDS
1.3.6.1.4.1.710.4.24	breezecomSUBD-MMDS
1.3.6.1.4.1.710.4.25	breezecomSU1D1V-MMDS
1.3.6.1.4.1.710.4.26	breezecomSU8D1V-MMDS
1.3.6.1.4.1.710.4.27	breezecomSUBD1V-MMDS
1.3.6.1.4.1.710.4.28	breezecomAU-MMDS
1.3.6.1.4.1.710.4.29	breezecomAUbst-MMDS

#### BreezeCOM-Traps

1.3.6.1.4.1.710.0	breezecom-Traps
A trap indicating that a station has roamed into this AP. It contains the MAC address of the associated station and the device type of that station.	
1.3.6.1.4.1.710.0.1	brzAProamingInTRAP
An AP trap indicating that a new station was associated with this AP. It contains the MAC address of the associated station.	
1.3.6.1.4.1.710.0.2	brzAPassociatedTRAP
1.3.6.1.4.1.710.0.3	brzAPdisassociatedTRAP
An AP trap indicating that the station dis-associated itself from the AP. The trap contains the MAC address of the disassociated station.	
1.3.6.1.4.1.710.0.4	brzAPagingTRAP

An AP trap indicating that the station association was aged out, and removed from that AP. The trap contains the MAC address of the aging station

1.3.6.1.4.1.710.0.5                      brzAProamedOutTRAP

An AP trap indicating that a given station has roamed out from this AP. The trap contains the MAC address of the roamed out station

1.3.6.1.4.1.710.0.6                      brzSTassociatedTRAP

A station trap, indicating that the station became associated-with, or has roamed-to, another AP. The trap contains the MAC address and the average RSSI level of the new AP. If the station was roaming, the MAC address of the old AP, and the RSSI level prior to roaming, is also provided (for an association, the second address will appear as all-zeros).

1.3.6.1.4.1.710.0.7                      brzWlanStatusTRAP

An AP and STA trap, indicating a change in the Wireless media conditions. An ON value is sent when the Wireless LAN quality drops below the brzWlanTrapThreshold value. A trap with an OFF value is sent if the quality improves, exceeding the brzWlanTrapThreshold value. The Wireless LAN quality value is also being sent.

1.3.6.1.4.1.710.0.8                      brzWlanStatusOfStationTRAP

An AP trap, indicating a change in the quality of the Wireless connection, with a specific (associated) station. An ON value indicates a specially bad connection, and an OFF value is sent if the quality improves, exceeding a predetermined threshold value. The brzTrapMacAddress contains the MAC address of the applicable station.

1.3.6.1.4.1.710.0.9                      brzGeneralTRAP

An AP and STA general purpose trap, for future trap implementation.

## **DS.11 MIB**

1.3.6.1.4.1.710.5	ds11Reg
1.3.6.1.4.1.710.5.1	ds11Modules
1.3.6.1.4.1.710.5.1.1	breezeCOMGlobalRegModule
1.3.6.1.4.1.710.5.1.2	dot11ExtMibModule
1.3.6.1.4.1.710.5.1.3	snmpGenMIBModule
1.3.6.1.4.1.710.5.1.5	wbsds11
1.3.6.1.4.1.710.5.1.6	wbcds11
1.3.6.1.4.1.710.5.1.7	apds11
1.3.6.1.4.1.710.5.1.8	pcds11
1.3.6.1.4.1.710.5.1.9	sads11
1.3.6.1.4.1.710.6	ds11Generic
1.3.6.1.4.1.710.6.1.1	snmpGenConf
1.3.6.1.4.1.710.6.1.1.1	snmpGenGroups
1.3.6.1.4.1.710.6.1.1.1.1	snmpGenBasicGroup
1.3.6.1.4.1.710.6.1.1.2	snmpGenCompl
1.3.6.1.4.1.710.6.1.1.2.1	snmpGenBasicCompl
1.3.6.1.4.1.710.6.1.2	snmpGenObjs
1.3.6.1.4.1.710.6.1.2.1	snmpGenReadCommunityString

The community string to use for SNMP communication with this entity when the SNMP operation is a read operation.

1.3.6.1.4.1.710.6.1.2.2 snmpGenWriteCommunityString

The community string to use for SNMP communication with this entity when the SNMP operation is a SET Request. When read, this object has an undefined value. When written, subsequent SNMP SET operations must use the new community string to be accepted as authentic. When the reset button is pressed on the Access Point, this variable is reset to 'private'. This is also the default manufacturer value.

1.3.6.1.4.1.710.6.1.2.3 snmpGenTrapDstMaxTableLength

The maximum number of entries in the Trap Destination Table.

1.3.6.1.4.1.710.6.1.2.4 snmpGenTrapDstTable

The table containing management targets where notifications (SNMP traps) must be sent to. Syslog messages also use this table.

1.3.6.1.4.1.710.6.1.2.4.1.1 snmpGenTrapDstIndex

An index into the Trap Destination table.

1.3.6.1.4.1.710.6.1.2.4.1.2 snmpGenTrapDstIpAddress

The IP address of a management station to send traps to.

1.3.6.1.4.1.710.6.1.2.4.1.3 snmpGenTrapDstType

The type indicates what kind of notification is sent. When set to trapOnly(1), only SNMP traps are sent to the IP address. When set to syslogOnly(2), only syslog messages are sent and when set to trapAndSyslog(3), both a trap and a syslog message will be sent.

1.3.6.1.4.1.710.6.1.2.4.1.4 snmpGenTrapDstRowStatus

The status value for creating and deleting rows in this table.

1.3.6.1.4.1.710.6.1.2.5 snmpGenLockStatus

This object can be used to lock the SNMP agent. When locked, the agent becomes read-only, i.e. no objects can be written any more. This is useful in a relatively insecure SNMPv1 environment when the network administrator has configured the device and does not intend to change it. This variable can only be set to locked (1). When pressing the reset button on the Access Point, this variable is reset to unlocked (2) and the snmpGenWriteCommunityString is reset to 'private'.

1.3.6.1.4.1.710.6.1.2.6 snmpGenChangeIpAddress

This object is used to change the fixed or 'remembered' IP address of an Access Point. When there is a DHCP/BOOTP server on the network, this variable is not needed. When there is no DHCP/BOOTP server for the IP subnet, the Access Point will try to use the IP address gotten from a previous BOOTP reply (which gives an infinite lease) or an infinite DHCP lease. When there was no previous BOOTP reply, the Access Point can be given an IP address using this variable. Also when the current IP address of the Access Point is invalid for the current IP subnet, this variable can be set by sending an SNMP SET request to the multicast address 224.0.1.43. The MAC address included here ensures that only the right Access Point will accept the SET Request. The IP address given through this variable is considered an infinite lease by the Access Point.

1.3.6.1.4.1.710.6.1.2.7 snmpGenUseDHCP

This object controls DHCP operation. When set to always (1), the Access Point will not assume an infinite lease it was given but continue trying to obtain an IP address using DHCP. The Access Point can only see the difference between an infinite lease and a finite lease because there is no clock running when the device is shut down. When set to

smart(2), the Access Point will use DHCP when it does not have an infinite lease. When it does have an infinite lease, it quickly tries to contact a DHCP server (because it may now be in a new IP subnet) using one DHCPREQUEST and one DHCPDISCOVER. If no replies are received, it will automatically assume its given (infinite) address within a few seconds after reboot. When set to never (3), the Access Point will not use DHCP if it has an infinite address. It will immediately assume that address after a reboot.

1.3.6.1.4.1.710.7	ds11Products
1.3.6.1.4.1.710.7.1.1	dot11ExtConf
1.3.6.1.4.1.710.7.1.1.1	dot11ExtGroups
1.3.6.1.4.1.710.7.1.1.1.1	smtGroup
1.3.6.1.4.1.710.7.1.1.1.2	assocGroup
1.3.6.1.4.1.710.7.1.1.1.3	securityGroup
1.3.6.1.4.1.710.7.1.1.1.4	secNotificationGroup
1.3.6.1.4.1.710.7.1.1.1.5	roamGroup
1.3.6.1.4.1.710.7.1.1.2	dot11ExtCompl
1.3.6.1.4.1.710.7.1.1.2.1	dot11ExtBasicCompl
1.3.6.1.4.1.710.7.1.1.2.2	dot11ExtAPCompl
1.3.6.1.4.1.710.7.1.1.2.3	dot11ExtWBUCompl
1.3.6.1.4.1.710.7.1.2	dot11ExtGenObjs
1.3.6.1.4.1.710.7.1.2.1.1	smtAssociationID

The Association ID of an association between an Access Point and a Station. The size constraint is taken from IEEE 802.11 section 7.3.1.8. For an Access Point, this object is always zero.

1.3.6.1.4.1.710.7.1.2.1.2	smtCapabilityInfo
---------------------------	-------------------

The Capability Information of this entity.

1.3.6.1.4.1.710.7.1.2.1.3	smtPowerSaveInterval
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The time limit, in units of beacon intervals, after which the Client will go into Power Save Mode if the Client does not detect activity. For an Access Point, this object is always zero.

1.3.6.1.4.1.710.7.1.2.1.4	smtListenInterval
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The time, in units of beacon intervals, that may pass before the Client awakens and listens for the next Beacon. For an Access Point, this object is always zero.

1.3.6.1.4.1.710.7.1.2.1.5	smtATIMWindow
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The duration of the ATIM Window, in TUs. For an Access Point, this object is always zero.

1.3.6.1.4.1.710.7.1.2.1.6	smtOperationalChannels
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The list of DS channels that shall be scanned with a higher priority. All channels allowed by the current regulatory domain are scanned, the channels specified in this object are visited more frequently compared to the channels not in the set of this object. If the object is null, the PHY will default to the channel configured by dot11CurrentChannel.

1.3.6.1.4.1.710.7.1.2.1.7	smtCurrentBSSID
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The current Basic Service Set ID. For a Client, this object either contains the BSSID of the Access Point with which the Client is associated or the BSSID of the IBSS it is currently participating in (smtCurrentBSSType indicates which of the two cases holds). If the object is all zeros, the Client is not associated or participating in an IBSS. For an

Access Point, this object contains the BSSID of the Access Point. If the Access Point is in the process of resetting, the object is all zeros.

1.3.6.1.4.1.710.7.1.2.1.8 smtCurrentSSID

The current Service Set ID. For a Client, this object either contains the SSID of the infrastructure network or the SSID of the IBSS it currently associated with or participating in. For an Access Point, this object contains the BSSID of the Access Point. If the Access Point is resetting, the object is null.

1.3.6.1.4.1.710.7.1.2.1.9 smtCurrentBSSType

The type of the Basic Service Set. For a Client, this object indicates the type of SS it currently is associated with, participating in. For an Access Point, this object is 1 (infrastructure).

1.3.6.1.4.1.710.7.1.2.1.10 smtPublicKeyEnable

This object specifies whether public-key techniques shall be used to negotiate keys.

1.3.6.1.4.1.710.7.1.2.1.11 smtQualityLevel0

This object relates quality level to a transmission rate. Level 0 specifies the lowest (basic) rate.

1.3.6.1.4.1.710.7.1.2.1.12 smtQualityLevel1

This object relates quality level to a transmission rate. Level 1 specifies the second lowest (basic) rate.

1.3.6.1.4.1.710.7.1.2.1.13 smtQualityLevel2

This object relates quality level to a transmission rate. Level 2 specifies the an arbitrary (higher) rate.

1.3.6.1.4.1.710.7.1.2.1.14 smtQualityPenalty

This object specifies a quality penalty for transmission failures.

1.3.6.1.4.1.710.7.1.2.1.15 smtStationDBTimeout

This object specifies a timeout on entries and their state information in the Station database. For Clients the Station database is mapped on the roamTable. For Access Points, the Station database is mapped on the assocTable. The timeout is in seconds.

1.3.6.1.4.1.710.7.1.2.1.16 smtQualityIndicator

This object selects the quality indicator from the baseband. Current quality indicators are:

1 = Signal Quality 1 (SQ1) 2 = Signal Quality 2 (SQ2) 3 = Signal Quality 3 (SQ3)

1.3.6.1.4.1.710.7.1.2.1.17 smtQualityUpperLimit

An upper limit for the quality.

1.3.6.1.4.1.710.7.1.2.1.18 smtQualityLowerLimit

A lower limit for the quality.

1.3.6.1.4.1.710.7.1.2.1.19 smtOEMCapabilityInformation

The OEM Capability Information.

1.3.6.1.4.1.710.7.1.2.1.20 smtCWMin

The CWMin value as defined by IEEE 802.11. Needs to be a powerof 2, minus 1.

1.3.6.1.4.1.710.7.1.2.1.21 smtCWMax

The CWMax value as defined by IEEE 802.11. Needs to be a powerof 2, minus 1, larger than or equal to smtCWMin.

1.3.6.1.4.1.710.7.1.2.1.22 smtACKWindow

The ACK frame time out defined in number of slot times. This can be used to optimize long range links.

1.3.6.1.4.1.710.7.1.3 dot11ExtAPObjs

1.3.6.1.4.1.710.7.1.3.1 assoc

1.3.6.1.4.1.710.7.1.3.1.1 assocTableMaxLength  
This object specifies the maximum number of associations the assocTable can hold.

1.3.6.1.4.1.710.7.1.3.1.2 assocTable  
The Association table. This table contains all the Clients associated with the Access Point. The index of the entry equals the Association ID of the Client with the Access Point. An entry in the table is only valid if the assocAddress object of that entry contains a MAC address other than the all zeros MAC address.

Refer to sections 5.7 and 11.3 of the 802.11 standard for more information on associations. The table is read-only.

1.3.6.1.4.1.710.7.1.3.1.2.1.1 assocIndex  
The index into the association table. The index equals the association ID that is in use for the Client.

1.3.6.1.4.1.710.7.1.3.1.2.1.2 assocAddress  
MAC address of a Client associated with the Access Point. If the association is pending (that is, the Client is scanning, authenticating or associating), assocAddress contains the MAC address of that Client with the group bit set to indicate that the Access Point is aware of the presence of that Client. The other objects of the entry will be updated based on the information extracted from the received Probe Requests.

1.3.6.1.4.1.710.7.1.3.1.2.1.3 assocQuality  
An indicator for the quality of the Client. If the association is still pending, the quality is calculated over the received Probe Requests from the Client. If the Client is associated, the quality derived from any activity with the Client. The actual quality source depends on the selected quality indicator. The semantics of the indicator is 'low is good quality' and 'high is bad quality'.

1.3.6.1.4.1.710.7.1.3.1.2.1.4 assocAge  
An indicator (in seconds) for the age of the information on the Client. The age is reset to 0 if any activity of this Client is detected.

1.3.6.1.4.1.710.7.1.3.1.2.1.5 assocRSSI  
An indicator for the RSSI of the Client. If the association is still pending, the RSSI is calculated over the received Probe Requests from the Client. If the Client is associated, the RSSI derived from any activity with the Client.

1.3.6.1.4.1.710.7.1.3.2 security

1.3.6.1.4.1.710.7.1.3.2.1 secMACAclMaxTableLength  
The maximum number of entries that the secMACAclTable can contain.

1.3.6.1.4.1.710.7.1.3.2.2 secMACAclTable  
The table containing an access control list (acl) with MAC addresses of 802.11 Clients and whether they are allowed to communicate with the wireless network through this Access Point. This table enforces a source address check. An address of FF-FF-FF-FF-FF-FF is used as a default entry, i.e., it determines the access control for Clients that are otherwise not listed in this table. When the table is empty, every Client is denied.

1.3.6.1.4.1.710.7.1.3.2.2.1.1 secMACAclIndex  
The index into the secMACAclTable.

1.3.6.1.4.1.710.7.1.3.2.2.1.2 secMACAclAddress

The MAC address of a Client allowed to join the network through this Access Point. The address FF-FF-FF-FF-FF-FF constitutes the default behaviour for addresses not contained in this table.

1.3.6.1.4.1.710.7.1.3.2.2.1.3                      secMACAclAllowed

The flag indicating whether the corresponding MACaddress is allowed to communicate through this Access Point or not.

1.3.6.1.4.1.710.7.1.3.2.2.1.4                      secMACAclRowStatus

The status value for creating and deleting rows in this table.

1.3.6.1.4.1.710.7.1.3.2.3                          secLastError

When a security violation or error occurs, the errorcode is written to this variable in the form of a string.

1.3.6.1.4.1.710.7.1.3.2.4                          secLastErrorAddress

When a security violation or error occurs, the MACaddress involved in the violation or error is written to this variable.

1.3.6.1.4.1.710.7.1.5                              dot11ExtWBUObjs

1.3.6.1.4.1.710.7.1.5.1.1                          roamScanType

This object configures the type of scanning the Client uses.

1.3.6.1.4.1.710.7.1.5.1.2                          roamScanInterval

The interval, in units of beacon intervals, between successive scans during an association.

1.3.6.1.4.1.710.7.1.5.1.3                          roamProbeDelay

This object specifies the delay (in ms) to be used prior to transmitting a Probe frame during active scanning. The object implements the ProbeDelay parameter of the MLME-SCAN.request primitive as defined in section 10.3.2.1 of the 802.11 standard.

1.3.6.1.4.1.710.7.1.5.1.4                          roamMinChannelTime

This object specifies the minimum time (in time units) to spend on each channel when scanning. The object implements the MinChannelTime parameter in the MLME-SCAN.request primitive as defined in section 10.3.2.1 of the 802.11 standard.

1.3.6.1.4.1.710.7.1.5.1.5                          roamMaxChannelTime

This object specifies the maximum time (in time units) to spend on each channel when scanning. The object implements the MaxChannelTime parameter in the MLME-SCAN.request primitive as defined in section 10.3.2.1 of the 802.11 standard.

1.3.6.1.4.1.710.7.1.5.1.6                          roamJoinTimeout

The firmware will keep trying to find a suitable BSS until another MLME-JOIN.request is issued. The object roamJoinTimeout allows the application to estimate how long it at least has to wait before it can assume that MLME-JOIN.request is likely to fail. The object should be considered for information purposes. Changing the object will have no effect. Future versions may use this object to limit the time it spends to try to join a specific Service Set.

1.3.6.1.4.1.710.7.1.5.1.7                          roamBeaconPeriodTimeout

The time limit, in units of beacon intervals, after which the association is voided if no beacons are received.

1.3.6.1.4.1.710.7.1.5.1.8                      roamDontSwitch

The time limit, in units of beacon intervals, during which the Client will not use BSS quality parameters for making the roaming decisions if it becomes associated with an Access Point.

1.3.6.1.4.1.710.7.1.5.1.9                      roamBlackout

The time, in units of beacon intervals, during which the BSS is not considered candidate after the association was denied or voided.

1.3.6.1.4.1.710.7.1.5.1.10                      roamDisassociateTime

The time, in units of beacon intervals, taken by the Disassociate procedure.

1.3.6.1.4.1.710.7.1.5.1.11                      roamHandoffTime

Time, in time units, during which data to the Access Point is hold before a handoff is performed.

1.3.6.1.4.1.710.7.1.5.1.12                      roamWeightMetric1

A metric used to make roaming decisions.

1.3.6.1.4.1.710.7.1.5.1.13                      roamWeightMetric2

A metric used to make roaming decisions.

1.3.6.1.4.1.710.7.1.5.1.14                      roamWeightMetric3

A metric used to make roaming decisions.

1.3.6.1.4.1.710.7.1.5.1.15                      roamWeightMetric4

A metric used to make roaming decisions.

1.3.6.1.4.1.710.7.1.5.1.16                      roamWeightMetric5

A metric used to make roaming decisions.

1.3.6.1.4.1.710.7.1.5.1.17                      roamWeightMetric6

A metric used to make roaming decisions.

1.3.6.1.4.1.710.7.1.5.1.18                      roamWeightMetric7

A metric used to make roaming decisions.

1.3.6.1.4.1.710.7.1.5.1.19                      roamWeightMetric8

A metric used to make roaming decisions.

1.3.6.1.4.1.710.7.1.5.1.20                      roamMisc1

A misc roaming value.

1.3.6.1.4.1.710.7.1.5.1.21                      roamMisc2

A misc roaming value.

1.3.6.1.4.1.710.7.1.5.1.22                      roamTableLength

This object specifies the maximum number of entries the roamTable can hold.

1.3.6.1.4.1.710.7.1.4                              dot11ExtEvents

1.3.6.1.4.1.710.7.1.4.0.1                      securityViolation

A security violation was detected. The secLastErrorCode indicates the type of error/violation, the secLastErrorAddress indicates the involved MAC address.

1.3.6.1.4.1.710.8                                  ds11Experimental