

ARUBA MESHCONFIG SIMPLIFIES MESH ROUTER DEPLOYMENT

Aruba MeshConfig is an easy-to-use web-based tool that simplifies the deployment, configuration and administration of Aruba AirMesh wireless mesh routers.

From any PC running Windows 7 or XP, IT organizations can view the AirMesh topology, monitor clients, manage faults, view historical reports, and distribute software images to all or specific AirMesh routers.

MeshConfig provides comprehensive historical reporting on client, mesh link and device health. MeshConfig can monitor and manage multiple AirMesh networks containing up to 250 wireless mesh routers. AirMesh routers can be automatically discovered from a range of IP addresses or they can be added manually.

As the mesh network inventory populates, MeshConfig identifies the properties of AirMesh routers, including router name, IP address, image version, status and alarm conditions. Network-wide settings can be configured within MeshConfig and propagated to all AirMesh routers in the network. Individual device settings are easily accessible from the web interface.

The MeshConfig topology mapping capability shows the links between AirMesh routers as well as link status, link quality and real-time performance statistics for each link. Individual links can be disabled, enabled or designated as a preferred connection.

Router-specific parameters – including radio, channel and security settings – can be configured through the MeshConfig web interface. Once committed, the progress of router configuration changes can be tracked in real time.



The browser-based MeshConfig tool lets IT upload topography, Google Earth and other digital background maps to view and monitor mesh deployments across geographical areas.

ventory	Routers										
Routers	Query Modi	fy Configurati WMI									
Routers	Page Length 25	✔ 1 to 4 of 4 🕅 🔄 🕨 🕅		Col	lumn Devi	ce Name	- Contain		Se	arch	
-					IP Type	Reachable	Deployment Status	Network Name	Type	Router Model	Client Cou
Mesh Cloud	Device Name	Serial Number Running Imag	e Stored Image	IP Address	IP Type	Reachable	Deployment status	Network name	Type	Router model	Client Col
_Mesh Cloud	Device Name Node-1	26A02103800019 11.3.11	11.3.11	192.168.11.1		Yes	Attached	P2P	AP	MSR2000	0
	Device name				Static						
	Node-1	26A02103800019 11.3.11	11.3.11	192.168.11.1	Static Static	Yes	Attached	P2P	AP	MSR2000	0

MeshConfig keeps track of the AirMesh router inventory by serial number, model and firmware version.

MESHCONFIG DATA SHEET

TECHNICAL SPECIFICATIONS

MANAGED DEVICES

- MSR4000 Outdoor Wireless Mesh Routers
- MSR2000 Outdoor Wireless Mesh Routers
- MSR1200 Indoor Wireless Mesh Routers
- MST200 Outdoor Wireless Mesh Access Routers

MONITORING CAPABILITIES

- Discover existing mesh network
- Mesh network topology map
- Node status and performance
- Client monitoring
- Reporting and alerting
- Inventory tracking

ADMINISTRATION CAPABILITIES

- Image management
- Device configuration archiving
- Bulk configuration changes

TROUBLESHOOTING CAPABILITIES

- Node and link status alerts
- Logging and diagnostics

SYSTEM REQUIREMENTS

Operating System

- Microsoft Windows XP, Windows 7
- Microsoft Internet Explorer 6.0 or later
- Java JRE: v1.4.2 recommended

CPU

• 4 core 2.0 GHz processors

Disk Space

- 5 GB free disk space for 50 nodes
- 5 GB additional disk space for every additional 50 nodes

Memory

- 2 GB for 50 nodes
- 512 MB for every additional 50 nodes

RURA	MeshConfig	Home Map Inventory	Alert Configuration Up	ograde Client System Report	
Configura	ation _System	Curent mesh network	Default 👻		
٢	_Mesh	Mesh			
-	_Radio Interface	Mesh ID Mesh ID	DefaultMesh		
-	SSID	Backhaul Security		EP 💿 WPA 國 WPA2	
٢	_SSID _SNMP	Key Key Type	 ASCII HEX 		
	Syslog	WPA2 Key		WPA2 Key should be 8-63 character string or 64 digits hex.	Configure
i	_Config Report				
	_Backup And Restore				

Enterprise IT organizations can use MeshConfig to configure settings for all mesh routers in the network.



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