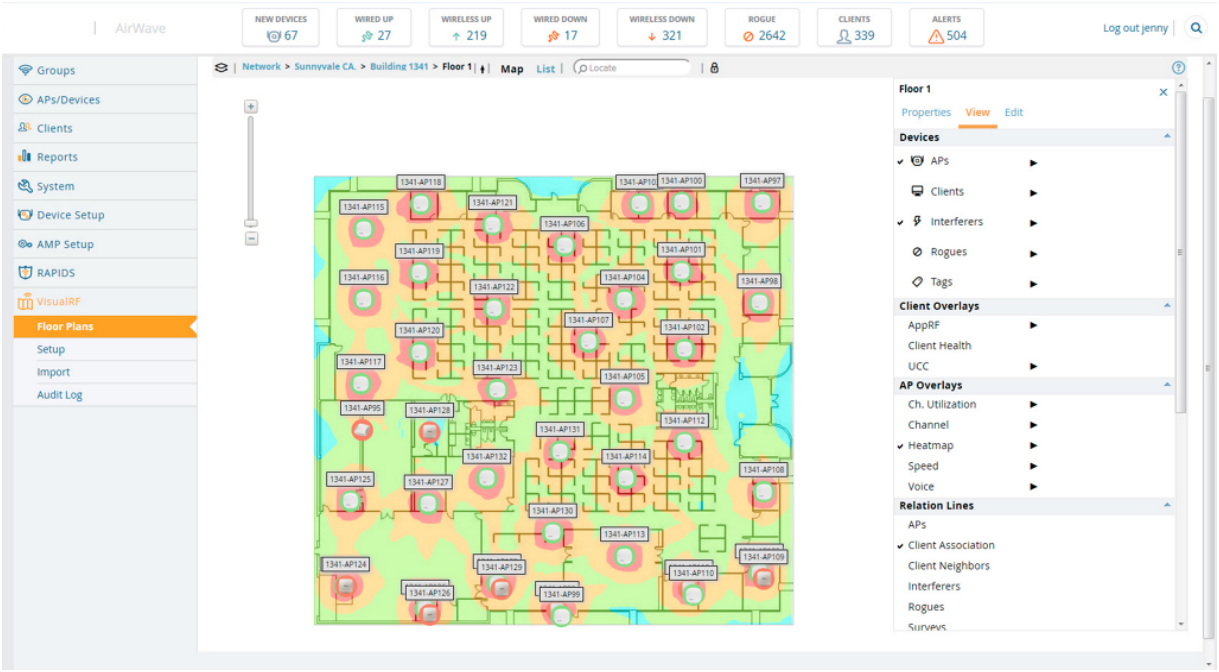
HPE Aruba Networking Management Software



What's new

- Unified wired and wireless network management; wired and wireless data is correlated to identify relevant threats, while reducing false positives to strengthen network security.
- VisualRF for Wi-Fi visibility and management a realtime views of actual floorplan maps make it easy to see RF coverage issues, location of all access points, and possible interference points.
- Rogue AP Intrusion Detection Service (RAPIDS), it includes summary data, lists and events and rules engines.
- HPE Aruba Networking Central ready AirWave appliance is designed for investment protection.

Overview

HPE Aruba Networking Management Software (AirWave) is a powerful and easy-to-use network operations system that not only manages wired and wireless infrastructure from HPE Aruba Networking and a wide range of third-party
manufacturers, but also provides granular visibility into devices, users and applications on the network.

With unprecedented insight and centralized control to effectively manage global enterprise infrastructures, AirWave
lets IT organizations proactively optimize network performance, strengthen wireless security and improve the end-user experience.

Through a centralized and intuitive user interface, AirWave provides real-time monitoring, proactive alerts, historical
reporting, and fast, efficient troubleshooting. Dedicated dashboard views quickly help view potential RF coverage
issues, unified communications and collaboration (UCC) traffic, application

- AirWave has achieved the Federal Information Processing Standard (FIPS) Publication 140–2, a government level computer security standard for cryptographic modules (Certificate#2577).
- Industry compliance ASHRAE A3 and A4, lower idle power.

performance and network services health.

Features

Streamlined Configuration and Deployment

The HPE Aruba Networking Management Software (AirWave) utilizes configuration groups, assigned templates, and step by step workflows to simplify device configuration. Entire config files can be imported, compared, assigned and archived.

Modifying and using smaller segments of configuration files across groups of devices is also supported. Get granular visibility across your entire access infrastructure and manage multiple generations of wired and wireless networks from just about any vendor.

These capabilities allow IT to quickly add, modify and deploy devices across distributed locations, while saving time and minimizing mistakes.

HPE Aruba Networking Zero-Touch Provisioning (ZTP) can be used to automatically push configuration files to devices to further simplify the deployment process.

AirWave lets IT organizations proactively optimize network performance, strengthen wireless security and improve the end-user experience. Integrated auditing is also provided for security and change management.

Real-time Visibility and Control

The HPE Aruba Networking Management Software (AirWave) provides detailed health and analytics dashboards to monitor critical applications and services.

Through a centralized and intuitive user interface, AirWave provides real-time monitoring, and configuration compliance, alert summaries and other selected statistics pertaining to network health.

Traffic analysis features helps you monitor application usage and policy enforcement across the entire network. Tracks web categories, client destinations and relative trust levels. Details are displayed by network, roles, device type and users.

See a consolidated view of how VoIP applications are performing displays MOS scores, and potential RF performance and capacity issues.

Dedicated dashboard views quickly help view potential RF coverage issues, unified communications and collaboration (UCC) traffic, application performance and network services health.

Comprehensive Management and Troubleshooting

The HPE Aruba Networking Management Software (AirWave) utilizes a role-based model for administrative access. Multiple combinations of access and management rights can be assigned as needed.

AirWave allows IT to protect the environment and provides the ability to tailor administrative access based on assigned scope and responsibilities; this gives IT organizations end-to-end visibility into problems before they escalate as metrics are monitored in real-time.

AirWave also discovers and maps devices across the entire environment, including those with distributed locations. The topology map shows upstream relationships between APs, controllers and switches in order to assess the impact on related devices and clients, and to isolate root cause of issues.

AirWave monitors the connectivity of clients, to proactively help identity and resolve issues.

Real-time views of actual floorplan maps make it easy to see RF coverage issues, location of all access points, and possible interference points. The result is a comprehensive view of how the network is performing, and potential trouble spots.

Flexible Platform Options

The HPE Aruba Networking Management Software (AirWave) is available on pre-configured hardware appliances or in virtual machine (VM) versions.

Available as software or a combined hardware and software appliance; AirWave gives IT the power to make intelligent, well-informed decisions about the network while reducing cost and complexity of improving service quality.

AirWave has a single management interface for multiple generations of devices and brands.

Multiple dashboard views provide visibility into every aspect of RF, clients, apps and network services.

Role-based access, viewing rights and administrative privileges tailored to job responsibilities.

SKU comparison

	HPE Aruba Networking Airwave with RAPIDS and VisualRF 1 Device License E-LTU (JW546AAE)	HPE Aruba Networking AW-100-FR AirWave 100 Device Failover License E-LTU (JW560AAE)	HPE Aruba Networking AW-1000-FR 1000 AirWave Device Failover License E-LTU (JW563AAE)	HPE Aruba Networking AW-200-FR AirWave 200 Device Failover License E-LTU (JW561AAE)	HPE Aruba Networking AW-25-FR AirWave 25 Device Failover License E-LTU (JW558AAE)
Differentiator	The AirWave is a scalable, full featured management solution for multi-vendor wired and wireless networks. Organizations gain the visibility, control and troubleshooting tools required to fully manage today's distributed enterprise environments. This license is for a virtual instance of Airwave, supporting one device. RAPIDS and VisualRF included.	The AirWave is a scalable, full featured management solution for multi-vendor wired and wireless networks. Organizations gain the visibility, control and troubleshooting tools required to fully manage today's distributed enterprise environments. This license is for a separate failover server and supports a maximum of 100 devices.	The AirWave is a scalable, full featured management solution for multi-vendor wired and wireless networks. Organizations gain the visibility, control and troubleshooting tools required to fully manage today's distributed enterprise environments. This license is for a separate failover server and supports a maximum of 1,000 devices.	The AirWave is a scalable, full featured management solution for multi-vendor wired and wireless networks. Organizations gain the visibility, control and troubleshooting tools required to fully manage today's distributed enterprise environments. This license is for a separate failover server and supports a maximum of 200 devices.	The AirWave is a scalable, full featured management solution for multi-vendor wired and wireless networks. Organizations gain the visibility, control and troubleshooting tools required to fully manage today's distributed enterprise environments. This license is for a separate failover server and supports a maximum of 25 devices.
Provisioned devices supported	1 Device	100 Devices	1000 Devices	200 Devices	25 Devices
Support	Software warranty 90 days				
Software features	Airwave with RAPIDS and VisualRF	AirWave failover software license	AirWave failover software license	AirWave failover software license	AirWave failover software license

	HPE Aruba Networking AW-2500-FR 2500 AirWave Device Failover License E-LTU (JW564AAE)	HPE Aruba Networking AW-50-FR AirWave 50 Device Failover License E-LTU (JW559AAE)	HPE Aruba Networking AW-500-FR AirWave 500 Device Failover License E-LTU (JW562AAE)	HPE Aruba Networking AW-EXF1-2500 AirWave 2500 Volume Failover Expansion License E-LTU (JW566AAE)	HPE Aruba Networking AW-EXF1-50 AirWave 50 Device Failover Expansion License E-LTU (JW565AAE)
Differentiator	The AirWave is a scalable, full featured management solution for multi-vendor wired and wireless networks. Organizations gain the visibility, control and troubleshooting tools required to fully manage today's distributed enterprise environments. This license is for a separate failover server and supports a maximum of 2,500 devices.	The AirWave is a scalable, full featured management solution for multi-vendor wired and wireless networks. Organizations gain the visibility, control and troubleshooting tools required to fully manage today's distributed enterprise environments. This license is for a separate failover server and supports a maximum of 50 devices.	The AirWave is a scalable, full featured management solution for multi-vendor wired and wireless networks. Organizations gain the visibility, control and troubleshooting tools required to fully manage today's distributed enterprise environments. This license is for a separate failover server and supports a maximum of 500 devices.	The AirWave is a scalable, full featured management solution for multi-vendor wired and wireless networks. Organizations gain the visibility, control and troubleshooting tools required to fully manage today's distributed enterprise environments. This license adds support for 2,500 additional devices on a failover server.	The AirWave is a scalable, full featured management solution for multi-vendor wired and wireless networks. Organizations gain the visibility, control and troubleshooting tools required to fully manage today's distributed enterprise environments. This license adds support for 50 additional devices on a failover server.
Provisioned devices supported	2500 Devices	50 Devices	500 Devices	2500 Devices	50 Devices
Support	Software warranty 90 days				
Software features	AirWave failover software license	AirWave failover software license	AirWave failover software license	AirWave failover expansion license for one additional AP/device	AirWave failover expansion license for one additional AP/device

Related Services

The following services are available for these series:

SKU	Description
Technology Services	
H1RS7E	HPE Aruba Networking Airwave Installation and Startup SVC
H2YV4E	HPE Networking Essential Care 3 years Core AW1DEVE-LTU Service
H2WC4E	HPE Networking Essential Care 3 years Core AW25FAILOVER Service
H2WB4E	HPE Networking Essential Care 3 years Core AW200FAILOVER Service
H2WG0E	HPE Networking Essential Care 5 years Core AW50FAILOVER Service
H2WH0E	HPE Networking Essential Care 5 years Core AW50FODEVEXP Service
H2YV3E	HPE Networking Services-Essential Care 1 Year Core Support AW1DEVE-LTU
H2WC3E	HPE Networking Services-Essential Care 1 Year Core Support AW25FAILOVER
H2WF3E	HPE Networking Services-Essential Care 1 Year Core Support AW50FAILOVER
H2WG3E	HPE Networking Services-Essential Care 1 Year Core Support AW50FODEVEXP
H2VZ3E	HPE Networking Services-Essential Care 1 Year Core Support AW100FAILOVER
H2WB3E	HPE Networking Services-Essential Care 1 Year Core Support AW200FAILOVER
H2WH3E	HPE Networking Services-Essential Care 1 Year Core Support AW500FAILOVER
H2WA3E	HPE Networking Services-Essential Care 1 Year Core Support AW1000FAILOVER
H2WD3E	HPE Networking Services-Essential Care 1 Year Core Support AW2500FAILOVER
H2WE3E	HPE Networking Services-Essential Care 1 Year Core Support AW2500FODEVEXP
H2WF4E	HPE Networking Services-Essential Care 3 Year Core Support AW50FAILOVER
H2WG4E	HPE Networking Services-Essential Care 3 Year Core Support AW50FODEVEXP
H2VZ4E	HPE Networking Services-Essential Care 3 Year Core Support AW100FAILOVER
H2WH4E	HPE Networking Services-Essential Care 3 Year Core Support AW500FAILOVER
H2WA4E	HPE Networking Services-Essential Care 3 Year Core Support AW1000FAILOVER
H2WD4E	HPE Networking Services-Essential Care 3 Year Core Support AW2500FAILOVER
H2WE4E	HPE Networking Services-Essential Care 3 Year Core Support AW2500FODEVEXP
H2YW0E	HPE Networking Services-Essential Care 5 Year Core Support AW1DEVE-LTU
H2WD0E	HPE Networking Services-Essential Care 5 Year Core Support AW25FAILOVER
H2WA0E	HPE Networking Services-Essential Care 5 Year Core Support AW100FAILOVER
H2WC0E	HPE Networking Services-Essential Care 5 Year Core Support AW200FAILOVER
H2WJ0E	HPE Networking Services-Essential Care 5 Year Core Support AW500FAILOVER
H2WB0E	HPE Networking Services-Essential Care 5 Year Core Support AW1000FAILOVER
H2WE0E	HPE Networking Services-Essential Care 5 Year Core Support AW2500FAILOVER

H2WF0E	HPE Networking Services-Essential Care 5 Year Core Support AW2500FODEVEXP

HPE Aruba Networking Services

HPE Aruba Networking services simplify and accelerate the network technology lifecycle, enabling your network to scale with better predictability and cost-effectiveness. Whether you operate your own network and need to improve your IT efficiencies, or you want to offload some of the burden, we have the services you need to reach your goals.

Learn more about what HPE Services - Aruba Networking has to offer at: hpe.com/edge/services

Support Services

Our support portfolio provides the essential support elements as well as proactive and preventive features to help you improve your team's productivity and get the most from your network. Our support customers benefit from faster issue resolution, simplified operations and efficiencies, and reduced network issues.

Professional Services

With deep intellectual capital and purpose-built tools, our team delivers a range of standard and custom professional services designed to accelerate your value from HPE Aruba Networking technology.

Project based services include:

— Planning, audit, and assessment
— Architecture review and design
— Deployment, migration, and knowledge transfer

Annual subscription services include:

— Network optimization
— Intelligent Operations
— Customer Experience Management

Our Education Services allow your team to come up to speed quickly.

GreenLake for Networking

Deliver innovative business outcomes by leveraging new ways to consume, deploy and manage networks.

For additional technical information, available models and options, please reference the QuickSpecs

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

Image may differ from the actual product.

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