Dell Networking W-Series ClearPass Guest

A ClearPass Policy Manager application

Secure, scalable and customizable guest network access solution.

ClearPass Guest is a scalable, easy-to-use visitor management system that delivers secure wired and wireless network access to guests, employees, contractors and their mobile devices.

Greatly simplifying visitor management, ClearPass Guest streamlines workflow processes, allowing operators or sponsors — receptionists, event coordinators and other non-IT staff — to create temporary accounts for WiFi access.

Guests can also self-register for network access. Once registered, ClearPass Guest delivers account login credentials to users via SMS text message or email. Accounts can be set to expire automatically after a specific number of hours or days.

Scalable to satisfy the needs of large enterprises and multisite networks, ClearPass Guest manages secure, role-based access for up to hundreds of thousands of concurrent users.

Complete visibility into each visitor's network access activities makes it easy to measure network usage, identify WiFi coverage requirements, and meet corporate and industry compliance mandates.
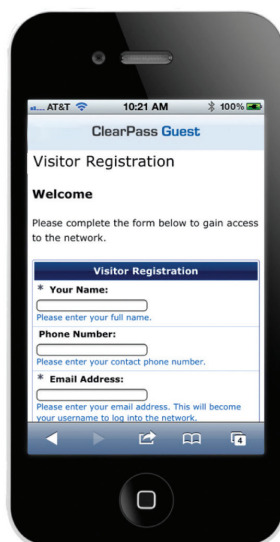
Key features

- Self-registration: Easy-to-use visitor registration through a highly customizable web interface
- Data entry and backup management: Bulk data import/export of guest users and RADIUS-enabled devices
- LDAP/Active Directory interoperability: Uses any standards-based identity stores
- SMS text and email notification: Deliver guest account credentials via SMS or email for simplified registration
- SMS support: Bulk SMS, Clickatell, Club Texting, Cool SMS (DK), EZ Texting, Red Oxygen, SMS Global, Tempos 21, Upside Wireless, BT Sirocco SMS, and SMTP to SMS
- Security manager: Self-auditing diagnostic alerts with suggested system configuration/remediation
- Network diagnostics: Self-diagnostic network connectivity and analysis
- Advanced reports: Template-based usage and trending reports with customization to meet unique compliance requirements
- Web-based updates: Online licensing and software distribution and update platform
- Smart device interoperability: Device-aware skins support a wide range of leading mobile devices
- Hotspot manager: Designed for commercial public access hotspots with support for credit card billing
- Captive advertising: Create splash pages and welcome pages within captive portals to deliver targeted advertising content
- Visitor intelligence capability: Collect data regarding guest preferences to intelligently deliver context-based messaging/advertisements
- Backup and recovery: Backup complete or specific configuration components and reporting data in real time or via scheduled operations, including FTP and FTP over SSL or SMB file shares

The ClearPass advantage

ClearPass Guest operates on the ClearPass Policy Manager platform, which offers a core set of authentication, authorization, accounting, and policy enforcement capabilities. ClearPass Policy Manager scales seamlessly across multivendor wireless, wired and VPNs, and supports a variety of identity stores.

Enterprise Starter Bundle

ClearPass Policy Manager includes full-featured access capabilities for up to 25 guests. Additional ClearPass Guest capacity can be acquired to support larger deployments.

Enterprise-grade security

Context-aware role-based access controls include unique usernames and passwords, and leverage internal and external identity stores and RADIUS protocols. It also delivers login credentials out of band via print and SMS text.

Advanced guest access capabilities

Custom branding

ClearPass Guest features customizable guest login pages that create a branded experience for operators and guests. It also supports multiple captive portals for multiple departments and accurately displays information regardless of device type.

Advertising services

ClearPass Guest is an advanced content delivery platform for next-generation hotspots, retailers and businesses that want to create memorable guest experiences.

It enables marketing organizations to push out targeted messaging, special offers, multimedia content and web banners. ClearPass Guest easily monetizes WiFi access in public access environments using business intelligence data collection and demographically-targeted advertising delivery.

Compliance and reporting

Comprehensive templates enable organizations to track and create customized guest access reports for auditing and compliance requirements. Detailed reports can also be generated that display guest information per sponsor and operator for internal visibility and tracking.

Scalability

Active clustering technology allows ClearPass to support up to thousands of concurrent users per day, regardless of location within the organization. Simply configure an additional ClearPass Policy Manager appliance and guest licenses to meet desired capacity needs.

Third-party integration

- API support: XML/RPC and SOAP API
- Cisco IP phone services: Enables visitors to provision ClearPass Guest accounts from their Cisco IP phones
- Palo Alto Networks user ID services: Map source IP addresses to usernames for all non-corporate users authenticated by the ClearPass core RADIUS engine

Ordering guidance

ClearPass Guest can be ordered via ClearPass Guest licenses. Available enterprise options enable organizations to use the licenses for ClearPass Guest, Onboard or OnGuard.

Follow these steps to order ClearPass Guest:

1. Determine the expected number of unique authenticating visitors within your environment on a daily basis, and purchase that number of ClearPass Guest licenses to install on your ClearPass appliance.

2. Choose the appropriate ProSupport for the ClearPass appliance and the ClearPass Guest licenses.

Example: To support the provisioning of 200 daily visitors and the authentication of 200 additional devices and users, make sure that ClearPass Policy Manager is sized to accommodate these 200 visitors.

Additional ClearPass Guest capacity can be purchased to meet growth demands.

Ordering information

Guest license part numbers		Description
210-AASN	GL100	Networking W-ClearPass Guest, 100 endpts
210-AAST	GL500	Networking W-ClearPass Guest, 500 endpts
210-AASQ	GL1K	Networking W-ClearPass Guest, 1,000 endpts
210-AASR	GL2500	Networking W-ClearPass Guest, 2,500 endpts
210-AASV	GL5K	Networking W-ClearPass Guest, 5,000 endpts
210-AASP	GL10K	Networking W-ClearPass Guest, 10,000 endpts
210-AASS	GL25K	Networking W-ClearPass Guest, 25,000 endpts
210-AASU	GL50K	Networking W-ClearPass Guest, 50,000 endpts
210-AASO	GL100K	Networking W-ClearPass Guest, 100,000 endpts

Enterprise license part number	Description
LIC-CP-EN-xxx*	Enterprise license for ClearPass Policy Manager

Warranty	
Software	90 days**

* Enterprise licenses can be purchased for 100, 500, 1,000, 2,500, 5,000, 10,000, 25,000, and 50,000 endpoints.

** Extended with support contract

Learn more at Dell.com/Networking