Field Reference for Administration Pages

This chapter provides field descriptions for pages found under the **Administration** menu in Cisco Prime Infrastructure.

Add User

The following topic describe the fields on the **Administration > Users, Roles & AAA > Users > Add User** page:

- **Users, Roles & AAA > Users > Add User > Lobby Ambassador Defaults** Tab

Users, Roles and AAA > Users Add User > Lobby Ambassador Defaults Tab

The following table describes the fields on **Administration > Users, Roles & AAA > Users > Add Users > Lobby Ambassador Defaults**

Table 1: Users, Roles & AAA > Users > Add Users > Lobby Ambassador Defaults Tab Field Description

Field	Description
Profile	Select the profile to which the guest users would connect.
User Role	Choose a user role for the guest user from the drop-down list. User roles are predefine by the administrator and are associated with the access of the guest (such as contractor, customer partner, vendor, visitor, and so on.
	User Role is used to manage the amount of bandwidth allocated to specific users within the network.
Lifetime	Define how long the guest user account remains active by choosing one of the following options:
	Limited—Choose the period of time that the guest user account is active using the hours and minutes drop-down lists. The default value for Limited is one day (8 hours).
	Unlimited—There is no expiration date for the guest account.

Field	Description
Apply to	From the drop-down list, choose one of the following: **Indoor Area**—Campus, Building, and Floor. **Outdoor Area**—Campus, Outdoor Area. **Controller List**—List of controller(s) on which the selected profile is created. **Config Groups**—Config group names configured on the Prime Infrastructure.
Email Id	(Optional) Enter the e-mail ID of the host to whom the guest account credentials are sent. The lobby ambassador user can enter any email id of his preference at the time of creating a guest user.
Description	Enter the description for this account.
Disclaimer	Enter the default disclaimer text.
Defaults Editable	Select the check box to allows the lobby ambassador to override all the configured defaults. This allows the lobby ambassador to modify these Guest User Account default settings while creating Guest Accounts from the Lobby Ambassador portal. If no default profile is selected on this tab, the defaults are not applied to the Lobby Ambassador. However, the Lobby Ambassador account is created and the Lobby Ambassador can create users with credentials as desired.
Max User Creation Allowed	Limits on the number of guest users that can be created by the Lobby Ambassador in a given time period. The time period is defined in hours, days, or weeks.
Preview Current Logo	Click the link to see what is currently being used as a logo, and then you can click to enable it or browse to another location to update the logo.
Print Page Header Text	Enter any additional page header text information.

Dashboard > Job Dashboard > System Jobs > APIC-EM Integration

The following table describes the system defined jobs available under APIC-EM Integration.

Table 2: Dashboard > Job Dashboard > System Jobs > APIC-EM Integration

Name of the Job	Job Description
PnP Status Polling	Gets plug and play device status from APIC-EM.
APIC-EM Site Sync	Synchronizes sites and devices from APIC-EM.
APICSERVERSTATUS_PERODIC	Monitors the status of connection between Prime Infrastructure and APIC-EM server.

Dashboard > Job Dashboard > System Jobs > Assurance and Health Summary

The following table describes the system defined jobs available under **Assurance and Health Summary**.

Table 3: Dashboard > Job Dashboard > System Jobs > Assurance and Health Summary

Name of the Job	Job Description
DAHealth_SITE	Synchronize site rules from SAM to DA.
PushCollectionPlanToDA	Pushes the collection plan to DA.
Assurance Lync Aggregation	Computes the Lync call statistics.
Assurance DataSource Update	Synchronizes and updates the list of datasources between SAM and DA.
WUserSyncJob_USER	Fetches the list of associated clients to update the netflow user cache.
HEALTH_SUMMARY_5MIN	Computes Health scores for applications.
AGGREGATION_HEALTH_SUMMARY	Aggregates the health scores of device metrics for Routers, Switches and Access Points.
BASELINE_HOURLY	Computes the hourly baseline data points for application data.
Assurance License Update	Fetches the devices and AP to which the netflow is associated, for every 12 hours and stores the data in the Device_License_Table.
BASELINE_DAILY	Aggregates the hourly baseline values into daily values for the application data.

Dashboard > Job Dashboard > System Jobs > Infrastructure

The following table describes the system defined jobs available under **Infrastructure**.

Table 4: Dashboard > Job Dashboard > System Jobs > Infrastructure

Field	Description
Mobility Service Status	Allows you to schedule mobility services status polling, and collects status for a defined interval.
Data Cleanup	Prunes entries in database based on retention settings, to control the disk usage and better performance of application.
Mobility Service Synchronization	Synchronizes the mobility services for the given interval of time.
wIPS Alarm Sync	Performs wIPS alarm synchronization for defined interval.
OnDemandReportsCleanUp	Cleans up the stale Report entries, periodically.
Prime Infrastructure Server Backup	Backs up Prime Infrastructure Application.
SmartLicense-ComplianceStatus	Checks the Smart License details.

Field	Description
Guest Accounts Sync	Syncs guest accounts.
Index Search Entities	Triggers Index searching, on demand.
Controller Configuration Backup	Collects controller configuration backups.
Mobility Service Backup	Automatically backs up mobility services for the specified time and day.
Bulk Recompute RF Prediction	Helps calculate heat map calculations.

Dashboard > Job Dashboard > System Jobs > Inventory and Discovery Jobs

The following table describes the system defined jobs available under **Inventory and Discovery Jobs**.

Table 5: Dashboard > Job Dashboard > System Jobs > Inventory and Discovery Jobs

Field	Description
Switch Inventory	Collects inventory for NAM devices (using HTTP), switches and routers (using CLI and SNMP).
Wireless Controller Inventory	Collects inventory for Wireless devices (using CLI and SNMP).
Autonomous AP Inventory	Collects inventory for Autonomous Access Points (using CLI and SNMP).

Dashboard > Job Dashboard > System Jobs > Status

The following table describes the system defined jobs available under **Status**.

Table 6: Dashboard > Job Dashboard > System Jobs > Status

Field	Description
OSS Server Status	Checks for reachability of the Northbound Notification server using ICMP protocol.
Switch Operational Status	Detects whether the switch reachability is up or down.
Appliance Status	Detects Appliance status to collect RAID, temperature, Power Supply.
Controller Operational Status	Detects controller up/down status (using ping and SNMP) and port status (using SNMP or CLI).
Lightweight AP Operational Status	Discovers new APs and updates the existing AP information if there is any change.
Autonomous AP Operational Status	Updates the existing AP information if there is any change.

Field	Description
Lightweight Client Status	Discover new LWAP based wireless clients and updates existing clients information.
Wireless AP Discovery	Discovers new Access Points based on the trap notifications.
Unmanaged APs	Interacts with controller and identifies the list of unmanaged APs.
Mobility Service Performance	Collects information about the performance of mobility service engines for every 15 minutes by default.
Identity Services Engine Status	Verifies the reachability of ISE, if an ISE was added to Prime Infrastructure.
Mobility Status Task	Performs status poll of mobility service engines for given period of time.
Interferers	Gathers interferer statistics.
Wired Client Status	Discover new Wired clients using SNMP and updates existing details collected using switch and router inventory.
Autonomous Client Status	Discover new autonomous AP clients using SNMP and updates the existing details.
Switch NMSP and Location Status	Collects Network Mobility Services Protocol (NMSP) status and location details of all the devices and updates the corresponding status in Prime infrastructure.
License Status	Verifies the license status and identifies any overflow.
Third Party Controller Operational Status	Checks third party controller reachability (using ping and SNMP) and port status (using either SNMP or CLI based on device type).
Third Party Access Point Operational Status	Checks the status of third party Access points.
Wireless Configuration Audit	Collects inventory for Wireless devices using SNMP and compares the same with the one existing in the Prime Infrastructure database.
Lightweight AP Ethernet Interface Status	Polls the Unified AP Ethernet interface status and determines if it is up or down.
Learn Unified AP Ping Capability	Default state is Suspended and runs on demand. When it triggers, runs against all the associated unified APs in Prime Infrastructure to determine Aps ping capability.
Device Data Collector	Collects output from device using SSH/Telnet, on demand.
Redundancy Status	Collects redundancy information.

Dashboard > Job Dashboard > System Jobs > Wireless Monitoring

The following table describes the system defined jobs available under **Wireless Monitoring**.

Table 7: Dashboard > Job Dashboard > System Jobs > Wireless Monitoring

Field	Description
Radio Performance	Collects Radio Performance statistics such as Rx utilization, Tx Utilization, Radio Profile states, 802.11 status (for example transmit/receive fragment count, radio RSSI level, SNR level, channel noise and channel utilization).
Media Stream Clients	Retrieves media related client properties such as client radio type, client's media stream name, history of failure reason for that media client.
MapInfoPollingJob	Polls Access Points and their radios for the service domain currently opened in Floor (or Outdoor Area) view, updates the entries in database.
AP Ethernet Statistics	Collects AP Ethernet Statistics such as AP Ethernet interface name, Rx/Tx unicast and non unicast packet count, link speed, Tx/Rx bytes.
Traffic Stream Metrics	Collects traffic stream (Uplink/Downlink) metrics at its 802.11 interface of AP for the associated mobile-stations.
Mesh Link Status	Collects the status Mesh Neighbors.
Mesh link Performance	Collects Mesh link Performance statistics.
Autonomous AP CPU and Memory Utilization	Collects the CPU and Memory Utilization of Autonomous AP.
Client Statistics	Collects Client related statistics such as traffic, packet drops, policy errors, RSSI and SNR for wired, wireless and autonomous AP.
CleanAir Air Quality	Polls the CleanAir Air Quality.
Autonomous AP Radio Performance	Collects Autonomous AP Radio performance statistics.
Switch CPU and Memory Poll	Collects CPU and Memory status of Cisco 5760 series wireless controller from the MIB.
Wireless Controller Performance	Collects system information such as CPU/Memory utilization, temperature, port details, and speed of the wireless controller.
Autonomous AP Tx Power and Channel Utilization	Collects Autonomous AP Tx Power and Channel Utilization statistics.
Rogue AP	Detects Rogue APs from the SNMP table
Wireless QoS Statistics	Collects Air Time Fairness Statistics through the MIBs.
CCX Client Statistics	Collects status for CCX Clients by querying MIB.

Field	Description
AP Image Pre-Download Status	Collects status of pre-download image for all APs.
Radio Voice Performance	Radio Performance Voice Statistics Collection

Administration > Dashboards > Job Dashboard > User Jobs > Compliance Jobs

The following table displays the information about the audited/non-audited devices, rules that you selected for the compliance audit, compliance state, violation count, instance count, highest severity and ignore count.

Table 8: Dashboard Job Dashboard System Jobs User Jobs Compliance Jobs Job Details Fields

Field	Description
Audited/Non-Audited Devices	This displays the number of audited and non-audited devices. For more details on devices, click the hyperlinked count of audited and non-audited devices. The device name and audit status are displayed when you click the hyperlinked count of audited devices. Non-audited devices include the count of the following. • The devices that were within the scope of the user while scheduling the job, but has since changed. At the time job ran, these devices were not within the scope of the user. • The devices that were down or were not reachable when the job ran. • CPT device not in IOS mode. These devices are not audited because they do not contain running configuration, which is required for Compliance Manager. • Third Party Devices. • Device not in sync with Compliance server—that is, the device element type is not available in the Compliance server.
Selected Rules	Number of rules selected in a policy at the time the policy profile was created. This may be subset of the total number of rules defined for the policy.
Compliance State	Displays Pass or Fail. All rules in policy for all devices must confirm for the state to display Pass.
Violation Count	This lists the number of distinct violations (for a particular policy, for the number of devices) that were observed in each job. For example, if a particular policy is violated in 100 devices, the violation count is only 1.
Instance Count	Summation of the violation count for all the device. For example, if a particular policy is violated in 100 devices, the instance count is 100.
Highest Severity	The highest severity of the various rules comprising the policy. The highest (as decided at the time of creating rules) is shown. This overrides the lower severity items.
Ignore Count	This is the count of rules ignored due to devices falling outside the scope of platforms defined against the rule.