

Email Alert Configuration on WAP551 and WAP561 Access Points

Objective

System events are activities in the system that may require attention and necessary actions to be taken in order to run the system smoothly and prevent failures. These events are recorded as logs. To notify responsible personnel so that they can take necessary action when an event occurs, the logs can be sent to them via email alerts. This document explains the configuration of such email alerts on WAP551 and WAP561 access points.

Applicable Devices

- WAP551
- WAP561

Software Version

- 1.0.4.2

Configuration of E-mail Alert

Step 1. Log in to the Access Point Configuration Utility, and choose **Administration > E-mail Alert**. The email alert page opens:

Email Alert

Global Configuration

Administrative Mode: Enable

From Email Address: (xyz@xxx.xxx)

Log Duration: (Range: 30 - 1440 Min, Default:30)

Scheduled Message Severity: ▼

Urgent Message Severity: ▼

Mail Server Configuration

Server IPv4 Address/Name: (xxx.xxx.xxx.xxx / Hostname Max 253 Characters)

Data Encryption: ▼

Port: (Range:0-65535, Default:465)

Username: (1 to 64 Alphanumeric Characters with "@" and ".")

Password: (1 to 64 Characters)

Global Configuration

Email Alert

Global Configuration

Administrative Mode: Enable

From Email Address: (xyz@xxx.xxx)

Log Duration: (Range: 30 - 1440 Min, Default:30)

Scheduled Message Severity: ▼

Urgent Message Severity: ▼

Step 1. Check **Enable** in the Administrative Mode field to enable the email alert feature globally.

Step 2. Enter an email address In the Email Address field. This address is displayed as the sender of the Email Alert. The default is null.

Step 3. In the Log Duration field, enter the time interval (in minutes) at which the e-mail alerts are to be sent to the configured e-mail address(es). The default is 30 minutes.

Email Alert

Global Configuration

Administrative Mode: Enable

From Email Address: (xyz@xxx.xxx)

Log Duration: (Range: 30 - 1440 Min, Default:30)

Scheduled Message Severity:

- None
- Emergency
- Alert
- Critical
- Error
- Warning
- Notice
- Info
- Debug

Urgent Message Severity:

Mail Server Configuration

Server IPv4 Address/Name: (xxx.xxx.xxx.xxx / Hostname Max 253)

Data Encryption:

Step 4. From the Scheduled Message Severity drop-down list, choose the desired message severity level. Email messages with logs are sent for all events with a security level equal or higher to the chosen level.

- **Emergency** — This type of message is sent to the user when the device is in a critical situation and immediate attention is required.
- **Alert** — This type of message is sent to the user when any action occurs that is different from the normal configuration.
- **Critical** — This type of message is sent to the user when there is a situation where a port is down or the user cannot access the network. Immediate action is required.
- **Error** — This type of message is sent to the user when there is a configuration error.
- **Warning** — This type of message is sent to the user when a user tries to access the unrestricted areas.
- **Notice** — This type of message is sent to the user when there is low priority changes on the network.
- **Info** — This type of message is sent to the user to describe how the network is behaving.
- **Debug** — This type of message is sent to the user with the logs of the network traffic.
- **None** — No severity messages are sent.

Global Configuration

Administrative Mode: Enable

From Email Address: (xyz@xxx.xxx)

Log Duration: (Range: 30 - 1440 Min, Default:30)

Scheduled Message Severity:

Urgent Message Severity:

Mail Server Configuration

Server IPv4 Address/Name: (xxx.xxx.xxx.xxx / Hostname Max 253)

Data Encryption:

Port: (Range:0-65535, Default:465)

Step 5. From the Urgent Message Severity drop-down list, choose the appropriate type of urgent message type. Log messages of this severity level or higher are sent to the configured email address immediately. The choices are the same as in Step 4. The default is Alert.

Step 6. Continue to the next configuration or scroll down to the bottom of the page and click **Save** to save the current configuration.

Mail Server Configuration

Global Configuration

Administrative Mode: Enable

From Email Address: (xyz@xxx.xxx)

Log Duration: (Range: 30 - 1440 Min, Default:30)

Scheduled Message Severity:

Urgent Message Severity:

Mail Server Configuration

Server IPv4 Address/Name: (xxx.xxx.xxx.xxx / Hostname Max 253)

Data Encryption:

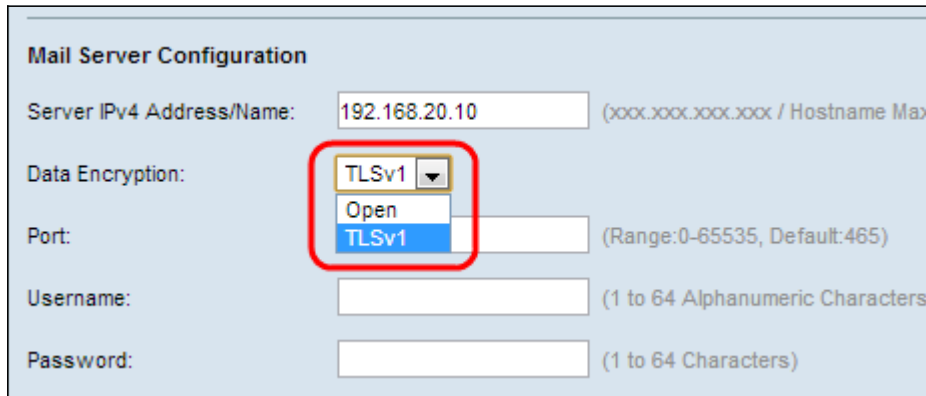
Port: (Range:0-65535, Default:465)

Username: (1 to 64 Alphanumeric Characters)

Password: (1 to 64 Characters)

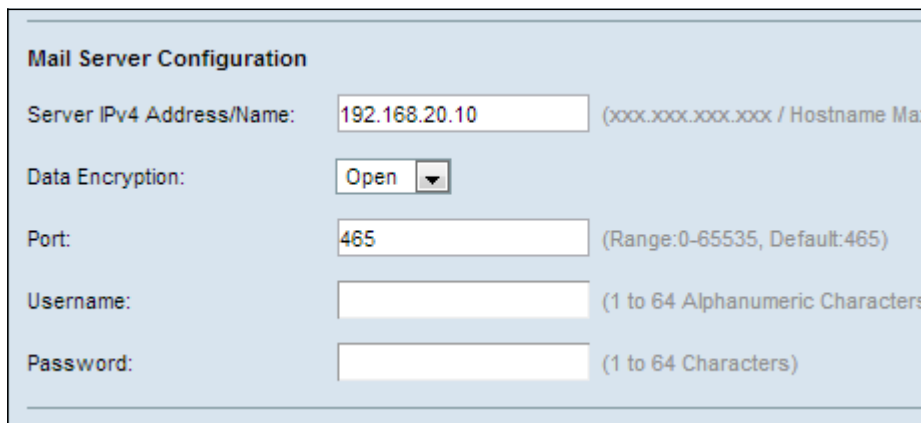
Step 1. Enter the valid host name or IP address of the mail server in the Server IPv4

Address/Name field.



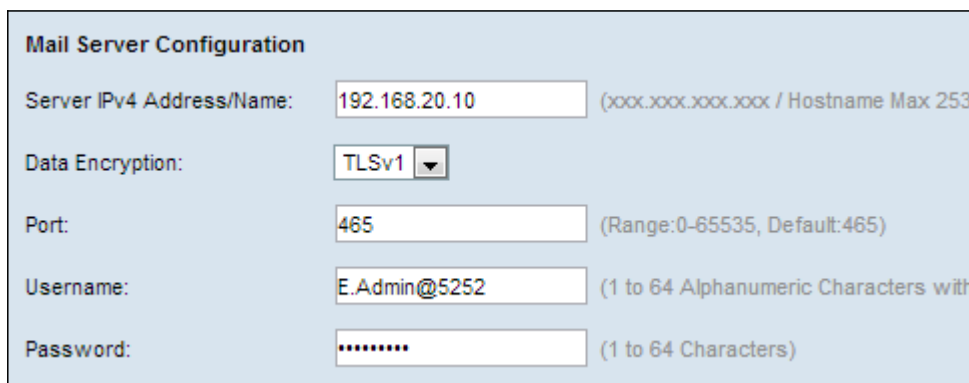
The screenshot shows a 'Mail Server Configuration' form. The 'Server IPv4 Address/Name' field contains '192.168.20.10'. The 'Data Encryption' dropdown menu is open, showing 'TLSv1' selected and highlighted with a red box. Other fields include 'Port' (empty), 'Username' (empty), and 'Password' (empty).

Step 2. From the Data Encryption field, choose the mode of security of the email sent. The options are TLS (Transport Layer Security) protocol or the default Open protocol. TLSv1 (Transport Layer Security version 1) is a cryptographic protocol that provides security and data integrity. If you choose Open protocol skip Step 10 since the Username and Password fields are disabled if Open protocol is chosen.



The screenshot shows the 'Mail Server Configuration' form with 'Data Encryption' set to 'Open'. The 'Port' field now contains the value '465'. The 'Username' and 'Password' fields are still empty.

Step 3. Enter the port number of the mail server in the Port field. The default is 465.



The screenshot shows the 'Mail Server Configuration' form with 'Data Encryption' set to 'TLSv1'. The 'Port' field contains '465'. The 'Username' field contains 'E.Admin@5252' and the 'Password' field contains a masked password represented by seven dots.

Step 4. If the mode of security chosen in Step 8 is TLSv1 then enter the username and password for authentication in the Username and Password fields.

Step 5. Continue to the next configuration or scroll down to the bottom of the page and click **Save** to save the current configuration.

Message Configuration

Message Configuration

To Email Address 1: (xyz@xxx.xxx)

To Email Address 2: (xyz@xxx.xxx)

To Email Address 3: (xyz@xxx.xxx)

Email Subject:

Step 1. Enter up to three valid e-mail address(es) in the To E-mail Address 1, 2, 3 field(s) to which the e-mail alert messages are to be sent.

Step 2. In the E-mail Subject field enter a string that should appear as subject of the e-mail.

Step 3. Click **Test Mail** to validate the configured mail server credentials. This sends out an email to the configured email addresses to check whether the configuration works.

Step 4. Click **Save** to save the settings.