

# Storing Email on a Remote Server in FortiMail

To facilitate larger storage limits and backup security, FortiMail supports remote email storage.

The following recipe details how to configure remote storage.

## Configuring Mail Data Storage

To configure your mail data storage, follow the steps below.

1. Navigate to **Mail Settings > Settings > Storage**.

The screenshot displays the FortiMail VM configuration interface. The left sidebar contains a navigation menu with categories: Monitor, Maintenance, System, Encryption, Mail Settings (highlighted), User, Policy, Profile, AntiSpam, Email Archiving, and Log and Report. Under Mail Settings, the 'Settings' option is selected. The main content area is titled 'Storage' and features a tabbed interface with 'Storage' selected. The 'NAS' section is expanded, showing options for 'Local' (unselected) and 'NAS server' (selected). The 'NAS server' configuration includes a 'Test...' button, a 'Protocol' dropdown menu set to 'iSCSI Server', a 'Username' field with a radio button selected for 'someuser' and another for 'Initiator name as username' (unselected), a 'Password' field with masked characters, a 'Hostname/IP address' field containing '172.20.141.33', a 'Port' field with '3260', and empty fields for 'Encryption key' and 'iSCSI ID'. Below the NAS section are two other sections: 'Centralized Quarantine' and 'Centralized IBE', both with 'Disabled' selected. The 'Centralized Quarantine' section has an 'Over SSL' checkbox and 'Name' and 'Host' fields. The 'Centralized IBE' section has 'Send IBE messages to remote server over SSL' selected and 'Name' and 'Host' fields. At the bottom of the configuration area are 'Apply' and 'Cancel' buttons.

2. Select the NAS server radial button.
3. Select either NFS or iSCSI from the Protocol dropdown menu.

If you select NFS:

1. Enter the hostname or [IP address](#) of the NFS server.
2. Enter the TCP port number on which the NFS server listens for connections.
3. Enter the direcotry path of the NFS export on the NAS server where the FortiMail unit will store email.

If you select iSCSI server:

1. Enter the user name and password of the FortiMail unit's account on the iSCSI server.

2. Enter the TCP port number on which the iSCSI server listens for connections.

3. Enter the encryption key used to encrypt data stored on the iSCSI server.

**Note:** A valid key length is between six and sixty-four byte characters.

4. Enter the iSCSI identifier in the format expected by the iSCSI server, such as an iSCSI Qualified Name (IQN), Extended Unique Identifier (EUI), or T11 Network Address Authority (NAA).

4. Select the Send quarantined message to remote server radial button under Centralized Quarantine if you want your FortiMail unit to act as a centralized quarantine client. Enter the necessary information.
5. Select the Send IBE messages to remote server over [SSL](#) radial button to have the FortiMail unit act as a centralize IBE storage client. All IBE email is saved on the centralized IBE mail storage server. Enter the necessary information.
6. Select the **Test** button to verify the NAS server settings. The test button attempts to login, mount, and un-mount the remote device.