

# Imaging Issue After Upgrading FileWave and Using Self-Signed SSL Certificate

## What

You are experiencing difficulties imaging machines after upgrading your FileWave Server, IVS, and Clients while using a [Self-Signed SSL Certificate](#).

## When/Why

This step is necessary when using a Self-Signed SSL Certificate. Ensure to include this additional step in your IVS upgrade process if you are not using a Root Trusted SSL Certificate.

## How

1. Access the IVS via SSH or locally:
  - Connect to the IVS via SSH or access it locally.
2. Edit the dnsmasq.lua file:
  - Use your preferred command-line editor (e.g., vi) to edit the dnsmasq.lua file.
  - `vi /imaging/scripts/bin/dnsmasq.lua`
3. Navigate to line 128:
  - Use the arrow keys or appropriate commands to navigate to line 128.

```
117 -- Calls the inventory to check if association is disabled
118 function get_mapped_image(mac_address)
119     local client_id = get_client_id(mac_address)
120     if not client_id then
121         return nil
122     end
123     local http_req = require "http.request"
124     local http_util = require "http.util"
125     local uri = http_util.encodeURI(string.format("%simaging/enabled_windows_mappings?client_ids=[%s]", get_inventory_url(), client_id))
126     local req = http_req.new_from_uri(uri)
127     req.headers:upsert("content-type", "application/json")
128     req.headers:upsert("Authorization", get_inventory_key())
129     req.tls = false
130     local headers, stream = req:go()
131     if headers == nil then
132         log("Error connecting to Filewave Server: " .. stream)
133         return nil
134     end
135     local body, err = stream:get_body_as_string()
136     if body ~= "" and err == nil then
137         return get_image_uuid(client_id)
138     else
139         log("Error in response from Filewave Server: " .. err)
140         return nil
141     end
142 end
```

4. Switch to insert mode:
  - Press 'i' to switch to insert mode in vi.
5. Add the following line:
  - `req.tls = false`
6. Save and exit vi:
  - Press the Esc key to exit insert mode.
  - Type ':wq' and press Enter to save and exit vi.
7. Verify functionality:
  - You should now be able to image machines successfully.

## Related Content

- [Self-signed SSL Certificates](#)
- [Network Imaging / IVS](#)

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