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**Format Storage:**

```
}else if (strcmp(buffer, "clean", strlen("clean")) == 0){  
    CPUBgflag=1;  
    format_fatfs();  
    if (!stompSend("ACFATFS",PUBLISH_TOPIC)) {  
        ESP_LOGE(ID_DELETE, "Error sending ACK");  
    } else {  
        ESP_LOGI(TAG_ENROL, "back to idle mode\n");  
    }  
    vTaskDelay(100);  
    CPUBgflag=0;  
}
```

receive event cmd

cpu flag set and format

feedback to cloud

**Format function:**

```
esp_err_t formatfatfs() {  
    ESP_LOGI(TAG, "Formatting FATFS...");  
  
    // Unmount the filesystem  
    esp_err_t unmount_err = esp_vfs_fat_spiflash_unmount("/fatfs", NULL);  
    if (unmount_err != ESP_OK) {  
        ESP_LOGW(TAG, "Unmount failed, filesystem may not be mounted");  
    }  
  
    // Find the partition  
    const esp_partition_t* partition = esp_partition_find_first(ESP_PARTITION_TYPE_DATA, ESP_PARTITION_SUBTYPE_ANY, PARTITION_LABEL);  
    if (partition == NULL) {  
        ESP_LOGE(TAG, "Failed to find partition with label: %s", PARTITION_LABEL);  
        return ESP_ERR_NOT_FOUND;  
    }  
  
    // Erase the partition (format)  
    ESP_LOGI(TAG, "Erasing partition: %s", partition->label);  
    esp_err_t erase_err = esp_partition_erase_range(partition, 0, partition->size);  
    if (erase_err != ESP_OK) {  
        ESP_LOGE(TAG, "Failed to erase partition: %s", partition->label);  
        return erase_err;  
    }  
  
    ESP_LOGI(TAG, "Partition erased successfully");  
  
    return ESP_OK;  
}
```

**Cloud pending log:** if pending loge available then sent to cloud

```
if(!pendingData()){  
    dataAvailable = false;  
    // printf("\nno pending data");  
    // if (cloudeTaskHandler != NULL) {  
    // vTaskDelete(cloudeTaskHandler); // Delete the task  
    // cloudeTaskHandler = NULL; // Clear the handle  
    // ESP_LOGW("TAGSTOMP", "AttendanceTask deleted");  
  
    // }  
}else {  
    vTaskDelay(1000 / portTICK_PERIOD_MS); //  
    printf("pending data\n");  
    if (cloudeTaskHandler == NULL) cloudHandel();  
}  
}
```

```
char tempFrame[14] ;  
snprintf(tempFrame, sizeof(tempFrame), "%s%9llu", DEVICE_VERSION_ID, generate_unique_id()); //uniqueId  
createQrcode(tempFrame , *buff);  
writeSn(*buff, generate_unique_id());  
if(dataAvailable)icnPrint(NETWORK_ICON_POSS_X-26, NETWORK_ICON_POSS_Y, 11, 11,&ccloudePending,RED ,*buff);
```

print log pending logo here