Slack Integration for Bash Scripts (Minimal Permissions)

# 1. Create a Slack Account and Workspace

1. Go to https://slack.com.  
2. Click 'Get Started' and create a new workspace if you don’t already have one.  
3. Follow the on-screen steps to complete the setup.

# 2. Create a Slack App (Example Name: dbWatch Service Alert)

1. Visit https://api.slack.com/apps and click 'Create New App'.  
2. Choose 'From scratch'.  
3. Name your app 'dbWatch Service Alert' (or another descriptive name).  
4. Select your workspace and click 'Create App'.

# 3. Configure Minimal OAuth & Permissions

Go to 'OAuth & Permissions' in your app settings and add the following \*\*Bot Token Scopes\*\*:  
- chat:write — to send and delete the bot's own messages  
- channels:read — (optional) to resolve channel names or IDs  
  
Click 'Install App to Workspace' and approve the permissions.  
Copy the Bot User OAuth Token (starts with xoxb-...).

# 4. Invite the Bot to a Slack Channel

1. In your Slack workspace, navigate to the target channel.  
2. Type: /invite @dbWatch Service Alert  
(Replace with your actual app name if different.)

# 5. Modify Your Script to Use Slack Integration

Edit your CustomerOp.sh script to include your Slack token and channel. Example:

SLACK\_TOKEN="xoxb-xxxxxxxxxxxxxxxx"  
SLACK\_CHANNEL="C1234567890" # or "#alerts"

# 6. Script Functionality Summary

- Deletes the previous Slack message using the chat.delete API (allowed by chat:write).  
- Posts a new combined status message using chat.postMessage.  
- Stores the timestamp for the next run.

# 7. Script Installation Instructions

1. Place the CustomerOp.sh script on a Linux system with executable permissions.  
2. Ensure `ccc.sh` is available at /opt/dbwatch-controlcenter/ccc.sh and is executable.  
3. Create a file called `customers.ini` in the same directory as CustomerOp.sh, formatted like:

<ACCESSPOINT>,<TARGET>,<DOMAINNAME>,<TOKEN>

- <ACCESSPOINT>: IP address and port of dbWatch Control Center domaincontroller (e.g., 192.168.7.30:7100).  
- <TARGET>: Node ID of the domaincontroller, found under menu 'Server' → 'Domain Configuration' → 'Nodes'. Example: -6526196164457313900/-749536326377100173.  
- <DOMAINNAME>: As shown in the Domain Configuration and license file.  
- <TOKEN>: The Cloud Router access token for the domain.  
  
You can list multiple lines in the ini file to monitor multiple domains.

4. Upload `slack.xml` to dbWatch Control Center:  
- Go to main menu → 'Server' → 'Upload resource'  
- Select and upload the `slack.xml` file

5. On first execution, the script will fail if access to the domaincontroller hasn't been approved.  
Follow the approval instructions at: https://wiki.dbwatch.com/controlcenter/advanced-topics/ccc/setup