

Delete index of opensearch using python script:

[opensearch-deleteindex.py](#)

```
from opensearchpy import OpenSearch, RequestsHttpConnection
```

```
def new_connection():
    host = "search-ubuylognew-5zsjdy2tuxsbl2ze4wwipuwym.eu-west-1.es.amazonaws.com"
    port = 443
    username = 'master'
    password = "iieRK@VuTv1"
    client = OpenSearch(
        hosts=[f'{host}:{port}'],
        http_auth=(username, password),
        use_ssl=True,
        verify_certs=True,
        connection_class=RequestsHttpConnection
    )
    return client

def cat_indices():

    index_name=["nginx-access*", "ubuycom-nginx-access-log*", "php-fpm-error-log*", "nginx-mono-error-log*", "nginx-error-log*", "nginx-mono-access*", "local-php-fpm-error-log*", "local-nginx-error-log*", "local-nginx-access*", "blogs-php-fpm-error-log*", "blogs-nginx-error-log*", "blogs-nginx-access-log*", "admin-nginx-error-log*", "admin-nginx-access-log*"]

    for index in index_name:
        try:
            client = new_connection()
            # Use the cat indices API to get information about indices
            indices_info = client.cat.indices(index=index, format='json', h=['index'])
            # Print the indices information
            for index in indices_info:
                print(f'{index["index"]}')
            # Extract and sort index names based on date
            sorted_indices = sorted(indices_info, key=lambda x: x['index'])
            # Delete the first index (if available)
            if sorted_indices:
                first_index = sorted_indices[0]['index']
                print(f'Deleting the oldest index: {first_index}')
                client.indices.delete(index=first_index)
        except Exception as e:
            print(f'Error: {e}')

# Example usage
```

cat_indices()