

in a magento store that i was building with newsletter option i enable confirmation before subscription from admin configuration. Users are getting confirmation link in mail. But my client want to set expiry of that confirmation link. I was sure about this that magento provide this functionality or not. So i did a search and after some time i found a good solution. If you are also facing the same issue then you can use below steps :

1. Add created_at field in newsletter_subscriber table.
2. Overwrite the following file

vendor/magento/module-newsletter/Model/Subscriber.php to Company/name/Model/Subscriber.php

Overited Subscriber.php file code

```
public function confirm($code) // existing function
{
    $id = $this->getId();
    if ($this->validateConfirmLinkToken($id, $code)) {
        if ($this->getCode() == $code) {
            $this->setStatus(self::STATUS_SUBSCRIBED)
                ->setStatusChanged(true)
                ->save();
            $this->sendConfirmationSuccessEmail();
            return true;
        }
        return false;
    }
}

private function validateConfirmLinkToken($customerId, $code) //check
validation for token
{
    $objectManager = \Magento\Framework\App\ObjectManager::getInstance();
    $messageManager =
$objectManager->get('Magento\Framework\Message\ManagerInterface');
    if (empty($customerId) || $customerId < 0) {
        $this->_messageManager->addError('Sorry you have not rigts to
access this page');
        return false;
    }
    if (!is_string($code) || empty($code)) {
        $params = ['fieldName' => 'code'];
        //$messageManager->addError('Sorry Your subscription confirmation
code is not valid. ');
        return false;
    }
    $dcode = $this->getCode();
    $dcreated_at = $this->getCreatedAt();
```

```

        if (trim($dcode) != trim($code)) {
            // $messageManager->addError('Sorry Your subscription confirmation
code is mismatch. ');
            return false;
        } elseif ($this->isConfirmationLinkTokenExpired($dcode,
$dcreated_at)) {
            // $messageManager->addError('Sorry Your subscription confirmation
code is expired. ');
            return false;

        }

        return true;
    }

    public function isConfirmationLinkTokenExpired($dcode, $dcreated_at) //
check expiration token
    {
        if (empty($dcode) || empty($dcreated_at)) {
            return true;
        }

        $expirationPeriod = '720';

        $currentTimestamp = (new \DateTime())->getTimestamp();
        $tokenTimestamp = (new \DateTime($dcreated_at))->getTimestamp();
        if ($tokenTimestamp > $currentTimestamp) {
            return true;
        }

        $hourDifference = floor(($currentTimestamp - $tokenTimestamp) / (60 *
60));
        if ($hourDifference >= $expirationPeriod) {
            return true;
        }

        return false;
    }

```

Hope it will help you too.
