

# Modul:Effective protection expiry

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This module provides a way to retrieve the expiry of a restriction over a given action on a page.

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## Usage

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This module will use up to 1 expensive parser function call each time it is ran. It will not use any if [Module:Effective protection level](#) was already called.

## From other modules

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To load this module:

```
local effectiveProtectionExpiry = require('Module:Effective protection expiry').
```

The function accepts two parameters. The first is a string containing the action to check, which must be one of "edit", "create", "move", "upload", or "autoreview". The second is optional, and can either be the name of the page to check, or a title returned from the mw.title functions. If the second parameter is omitted, the page being displayed is the one checked against.

The return value is either a date string in `YY-MM-DDThh:mm:ss` format, or one of the following strings:

- `infinity` - for pages protected indefinitely, or pages which exist and are not protected
- `unknown` - for pages where the expiry is unknown, or pages which do not exist and are not protected

Note that if an existing page is not protected for the requested action, this will return 'infinity'. You need to check separately with [Module:Effective protection level](#).

## From wikitext

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The parameters are the same as when it is called directly.

```
Vorlage:Tlinv
```

## See also

- [Module:Effective protection level](#)

```

local p = {}

-- Returns the expiry of a restriction of an action on a given title, or unknown
-- If no title is specified, the title of the page being displayed is used.
function p._main(action, pagename)
    local title
    if type(pagename) == 'table' and pagename.prefixedText then
        title = pagename
    elseif pagename then
        title = mw.title.new(pagename)
    else
        title = mw.title.getCurrentTitle()
    end
    pagename = title.prefixedText
    if action == 'autoreview' then
        local stabilitySettings = mw.ext.FlaggerRevs.getStabilitySettings
        return stabilitySettings and stabilitySettings.expiry or 'unknown'
    elseif action ~= 'edit' and action ~= 'move' and action ~= 'create' and a
        error( 'First parameter must be one of edit, move, create, upload
    end
    local rawExpiry = mw.getCurrentFrame():callParserFunction('PROTECTIONEXPI
    if rawExpiry == 'infinity' then
        return 'infinity'
    elseif rawExpiry == '' then
        return 'unknown'
    else
        local year, month, day, hour, minute, second = rawExpiry:match(
            '^(%d%d%d%d)(%d%d)(%d%d)(%d%d)(%d%d)(%d%d)$'
        )
        if year then
            return string.format(
                '%s-%s-%sT%s:%s:%s',
                year, month, day, hour, minute, second
            )
        else
            error('internal error in Module:Effective protection expi
        end
    end
end

setmetatable(p, { __index = function(t, k)
    return function(frame)
        return t._main(k, frame.args[1])
    end
end })

return p

```