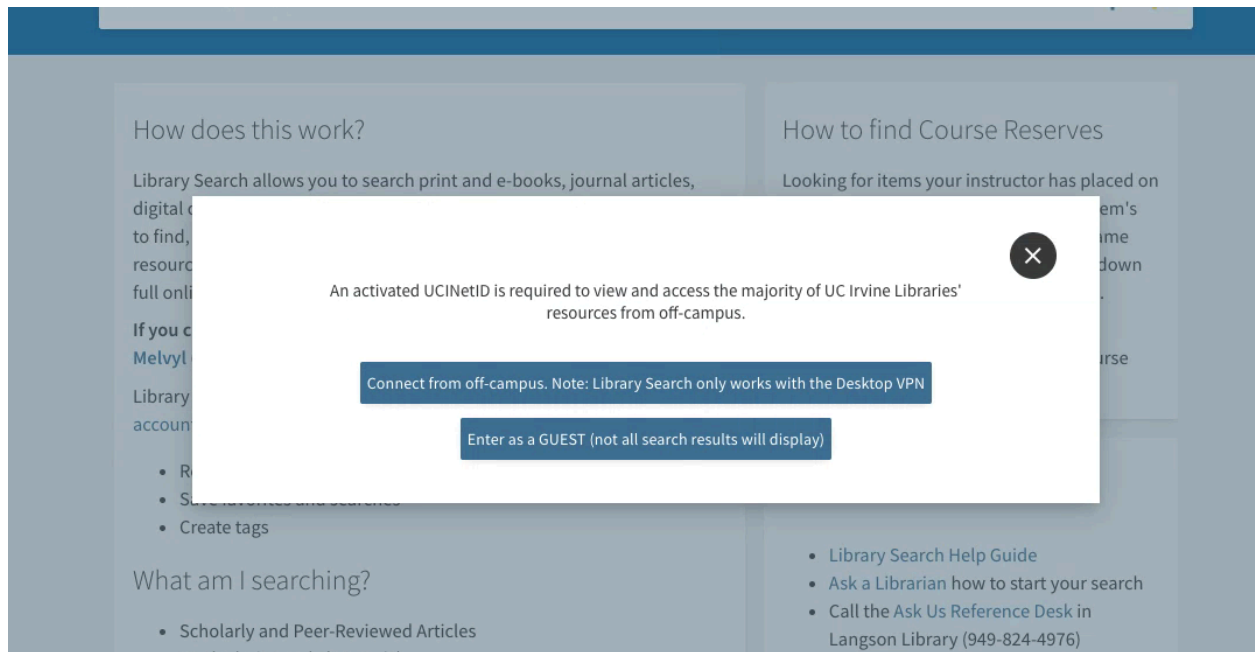


VPN Notification Popup



UCI Libraries has added a popup notification to trigger when users access Library Search while not on campus (or campus VPN).

The added javascript makes use of the [ipify API](#) to retrieve the users ip address and check whether it is in the ranges for on campus addresses. If the ip address is off-campus a modal popup is displayed and a cookie is placed in the session so that the popup does not trigger again.

Below is the javascript code (sorry for the formatting) that is added to the customization package to enable the popup.

```
/*VPN popup*/
app.controller('ipController', ['$scope', '$http', '$mdDialog', function($scope, $http, $mdDialog) {
  let vm = this;
  /* call to API to get client ip address*/
  $http.get("https://api.ipify.org?format=json").then(function(response)
  {
    $scope.ip = response.data.ip;
    /* valid ip ranges */
    let ipRegex1 = /^128\.000\./;
    if(ipRegex1.test($scope.ip)){
      validIp = true;
    }
    /* for off-campus ip ranges */
    if(!validIp){
      /* check if primoCookie exists */
      let name = "primoCookie=";
      let ca = document.cookie.split(';');
      let primoCookie = "";
      for(let i = 0; i < ca.length; i++) {
        let c = ca[i];
        while (c.charAt(0) == ' ') {
```

```

        c = c.substring(1);
    }
    if (c.indexOf(name) == 0) {
        primoCookie = c.substring(name.length, c.length);
    }
}
/* if there is no cookie, set cookie and display popup */
if(primoCookie == ""){
    //set primoCookie
    let d = new Date();
    d.setTime(d.getTime() + (0.25 * 24 * 60 * 60 * 1000));
    let expires = "expires="+d.toUTCString();
    document.cookie = "primoCookie=primoSessionCookie;" + expires + ";path=/";
    let alert = $mdDialog.alert({
        title: 'Attention',
        clickOutsideToClose:true,
        template: '<link href=\\"https://fonts.googleapis.com/icon?family=Material+Icons\\"
rel=\\"stylesheet\\"><md-dialog md-theme="mytheme" style="padding:15px">' +
        ' <div layout="column" layout-align="center start" layout-padding flex
tabindex="9999"><md-dialog-content class="vpnButton">' +
        ' <p><md-button md-autofocus class="md-icon-button" ng-click="close()" style="float:
right;><i class="material-icons" aria-label="close dialog">close</i></md-button></p>' +
        ' <div class="dialog-demo-content" layout="column" layout-align="center center"
style="width:100%"><p style="max-width:80% !important;">An activated UCINetID is required to view and
access the majority of UC Irvine Libraries\\' resources from off-campus.</p><br><md-button class="md-raised
md-primary" href="https://www.lib.uci.edu/connect" color="primary" style="text-transform:none
!important;">Connect from off-campus. Note: Library Search only works with the Desktop VPN</md-button>' +
        ' <md-button ng-click="close()" class="md-raised md-primary" style="text-transform:none
!important;">Enter as a GUEST (not all search results will display)</md-button></div>' +
        ' </md-dialog-content></div>' +
        '</md-dialog>',
        scope: angular.extend($scope.$new(), { close: function() {$mdDialog.cancel();} })
    });

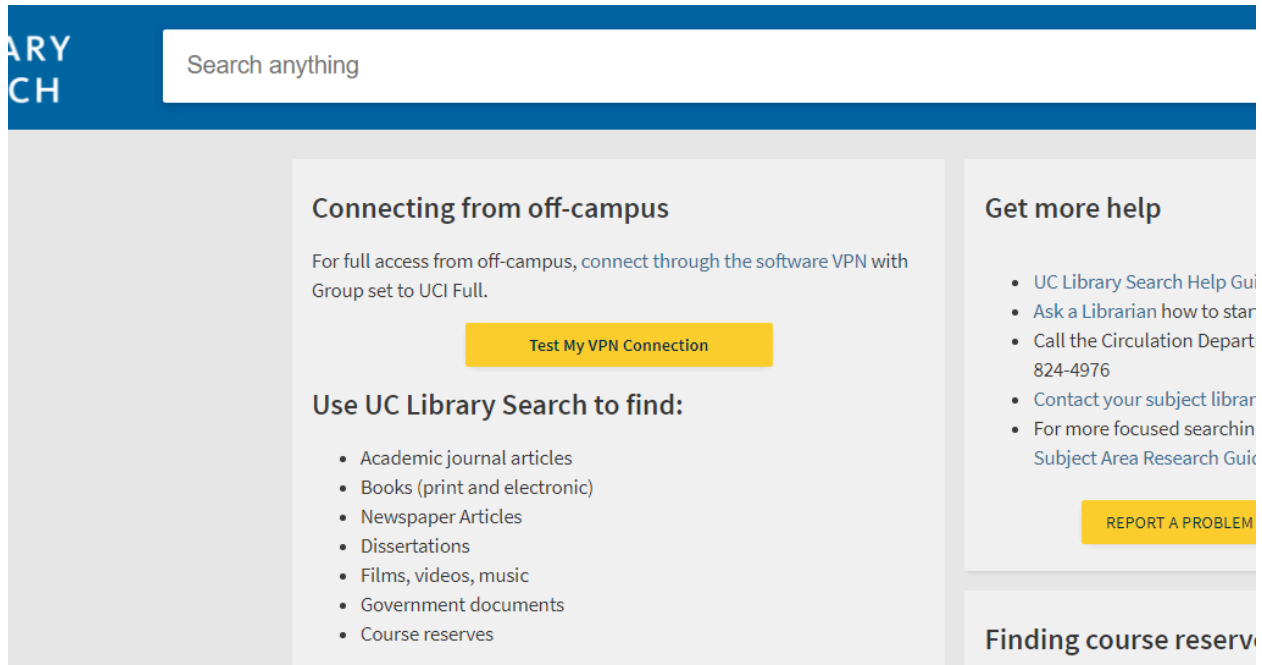
    $mdDialog.show(alert).finally(function() {
        alert = undefined;
    });
}
}
});
}]]);

app.component('prmTopbarAfter', {
    bindings: {parentCtrl: '<'},
    controller: 'ipController'
});
/*End VPN Popup*/

```

Test My VPN Button

In addition to the VPN popup UCI has included a button on the Primo VE homepage that will allow users to test their VPN connection



There are three components to enabling this button to appear:

1. The following tag is added to the homepage html file wherever you want the button to appear

```
<prm-vpn-button-after></prm-vpn-button-after>
```

2. The following js is added to the custom.js file in the customization package

```
/*VPN Button Controller */

app.controller('vpnButtonController', ['$scope', '$http', '$mdDialog', function($scope,
$http, $mdDialog) {

    $scope.range_result = '<div class="vpn-result" style="color: #002949;background-color:
#fcd02f;">Still checking your connection, please close the popup and try again</div>' ;

    $http.get("https://api.ipify.org?format=json").then(function(response)

    {

        const ip_address = response.data.ip;

        /* Add more ip ranges as needed */

        const range_low_ip_one = '128.100.0.0';

        const range_high_ip_one = '128.100.0.100';
```

```

/* HTML Content of the VPN popup for pass or fail results */

    const pass_result = '<div class="vpn-result"><div class="vpn-status connected">You
are <strong>ON</strong> the UCI IP range, so you <strong>CAN</strong> access library
resources. You are either on the UCI campus, or you are using the VPN from off
campus.</div></div>';

    const fail_result = '<div class="vpn-result"><div class="vpn-status
no-connection">You are <strong>OFF</strong> the UCI IP range, so you
<strong>CANNOT</strong> access library resources. You need to be on the UCI campus, or you
need to use the VPN from off campus.</div></div>';

/*Add additional else if cases as needed for each ip range */

if (ip_address <= range_high_ip_one && range_low_ip_one <= ip_address) {

    $scope.range_result = pass_result;

} else {

    $scope.range_result = fail_result;

}

});

/* VPN Popup */

$scope.showVpnPopup = function() {

    $mdDialog.show ({

        clickOutsideToClose: true,

        preserveScope: true,

        autoWrap: true,

        skipHide: true,

        scope: $scope,

        template: '<link href=\\"https://fonts.googleapis.com/icon?family=Material+Icons\\"
rel=\\"stylesheet\\"><md-dialog md-theme="mytheme" style="padding:15px">' +

            '    <div layout="column" layout-align="center start" layout-padding flex
tabindex="9999"><md-dialog-content class="vpnButton">' +

                '<p><md-button md-autofocus class="md-icon-button" ng-click="closeDialog()"
style="float: right;"><i class="material-icons" aria-label="close
dialog">close</i></md-button></p>' +

                '    <div class="dialog-demo-content" layout="column" layout-align="center center"
style="width:100%">' +

                    $scope.range_result +

                    '</div>' +

                '    </md-dialog-content></div>' +

```

```

        '</md-dialog>',

        controller: function DialogController($scope, $mdDialog) {

            $scope.closeDialog = function() {

                $mdDialog.hide();

            }

        }

    });

}

}]);

app.component('prmVpnButtonAfter', {

    bindings: { parentCtrl: '<' },

    controller: 'vpnButtonController',

    template: '<div class="vpnButtonDiv"><md-button ng-click="showVpnPopup()"
class="md-raised vpnButton">Test My VPN Connection</md-button></div>'

});

```

3. Lastly we have css added to the custom1.css file to style the button

```

/*Test my VPN */

.vpnButtonDiv {

    text-align: center;

}

button.vpnButton {

    color: #002949;

    background-color: #fcd02f;

    font-weight: 600;

    text-transform: none;

    width: 50%;

}

.vpn-result {

    text-align: center;

    padding-top: 0.5em;

    width: 75%;

```

```
font-size: 1.25em;
}
.vpn-status {
  color: #fff;
}
.vpn-status.connected {
  background-color: #2D9C8B;
}
.vpn-status.no-connection {
  background-color: #BA312B;
}
```

If you have any additional questions I can be reached at sacclaudi@uci.edu