

# EdConnect

EdConnect 為香港教育城 ( 教城 ) 會員提供單一登入服務，一個教城帳戶，不但可登入教城各種服務，更可登入已整合的第三方電子學習資源和平台。學校可自行決定授權予個別供應商取得基本資料，保障學校私隱。自 2014 年起，EdConnect 更擴展至大部分網絡公司的 WiFi 登入服務 ( WaaSchool 服務 )。學校可以教城帳戶作為登入校內 WiFi 網絡的認證，教城並提供增值功能以協助學校更完善管理 WiFi 網絡。

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**對象** 全港中、小學

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## **WaaSchool 服務優勢**

### **無線網絡認證服務**

1. 簡化學校處理帳戶等行政工作。全港超過 80% 的師生已有教城帳戶，教城亦提供配套服務方便學校每年更新帳戶，並提供相關的支援服務。
2. 服務免費提供予全港中小學使用。
3. 學校可透過設立共用帳戶以支援家長或訪客等登入 WiFi。
4. 校內共用的電子裝置，如平板電腦、Apple TV、Miracast、WiDi 等，可透過功能帳戶連接 WiFi。
5. 學校可設定級別或班別的學生於預設時段才可登入 WiFi，亦可暫停指定學生登入。
6. 相較使用 Mac Address 的登入認證方法，學校不用每年登記數以百計的新裝置，遇到遺失或損壞而要替換新裝置時，亦無需重新登記。
7. 相較使用校內伺服器的登入認證方法，學校不用管理複雜的伺服器及保安程序，減少技術支援及保安漏洞。
8. 教城帳戶名稱可設定為學校電郵帳戶 ( 如 Gmail、Microsoft Outlook 等 )，方便用戶。  
( 註：基於保安理由，用戶仍需使用教城密碼登入 )
9. 學校可根據需要，設定每位用戶可登入 WiFi 的電子裝置數量，例如每位學生只可以一部裝置登入 WiFi，老師則沒有限制。( 註：此功能需要網絡服務供應商配合 )

### **申請程序**

1. 透過學校的網絡服務供應商向教城申請 ( 註：需提供學校訂購供應商服務文件、學校 IP 地址等資料 )
2. 教城將與服務供應商簽訂協議。相關資料收妥後，3 個工作天內即可完成系統設定。

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**WaaSchool 測試工具** WiFi 網絡是電子學習最基本的設施，為協助學校測試網絡是否適合實際課堂應用，教城為學校提供 WaaSchool 測試工具 ( WiFi 網絡快速測試 )，模擬一班學生上課的真實狀況以測試網路表現。工具以課室實際需要設計，例如可模擬 40 位學生上課，而每人需要 1Mbps 的頻寬。工具可顯示每位學生的平均頻寬，以檢視學生能否流暢地連接 WiFi。工具數據只供參考，並不適合取代其他專業測試工具及真正課堂的軟件表現情況的測試。教城將會提供測試平台及軟件，學校只需派遣一位負責教職員及準備足夠的裝置，並於網上預約測試時段以進行測試。測試方法相當簡單、快捷，學校可自行進行測試或聯絡供應商一起進行測試。測試安排如下：

## 服務對象

對象為學校，學校需以學校管理員帳戶登入預約測試

## 測試時間

日期：逢星期一至六 ( 公眾假期除外 )

時間：早上 8 時至晚上 10 時

測試時段：以預設的兩小時為一節

## 網上預約

學校可在教城網上預約測試時段，詳情請參閱 WaaSchool 網頁 ( [www.hkedcity.net/waaschool/testing\\_tool](http://www.hkedcity.net/waaschool/testing_tool) )

## 查詢及聯絡

有關無線網絡認證服務，請聯絡學校網絡服務供應商

其他查詢，歡迎致電 2624 1000 或電郵至 [support@hkedcity.net](mailto:support@hkedcity.net) 與我們聯絡。

# EdConnect

EdConnect is a single sign-on service enabling each user to get access to different eLearning resources and platforms integrated with it. From 2014 onwards, EdConnect can be used as WiFi authentication with a single HKedCity account, HKedCity also provides value-added services to facilitate schools managing their WiFi network on campus.

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Target                      Secondary and Primary Schools in HK

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WaaSchool -  
WiFi  
Authentication  
Service

**Benefits**

1. Administrative works, such as managing accounts can be simplified. Over 80% of the local school teachers and students acquire their HKedCity account, and HKedCity supports schools to update accounts annually with ease
2. The service is free of charge for secondary and primary schools in HK.
3. Schools can set up a shared account for parents and guests to access WiFi on campus.
4. Functional accounts can be set up for the shared devices, including tablets, Apple TV, Miracast and WiDi etc.
5. Schools can designate a specific level or class of students to have access to WiFi at preset time, or temporary suspend a particular student's access right.
6. Compared with using Mac Address for authentication, schools need not to register hundreds of devices, or replicate the action in case of damage or loss of devices.
7. Compared with using school server for authentication, schools need not to invest much on technical support such as managing the server and protecting from security leakage.
8. School email account such as Gmail or Microsoft Outlook can be used as HKedCity account name. (Remarks: For security, users have to log in with their HKedCity account password.)
9. Schools can control the number of devices that each user can use to connect to the WiFi network, e.g. each student can use only one device to log in, whilst teachers do not have such restrictions. (Remarks: This feature requires network service providers' coordination.)

**Application Procedures**

1. Apply through the network service provider (Remarks: require to provide information such as school supporting document, School IP address)
2. Agreement is to be signed by HKedCity and the service provider. Service provision can be completed in 3 workings days after receiving all necessary documents.

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## WaaSchool Testing Tool

WiFi network is a basic eLearning facility for schools. To assess if the network performance is suitable for implementing eLearning in classrooms, HKEdCity provides schools with a WaaSchool testing tool (WiFi network quick test) to simulate a real class with a group of students, for example, a class with 40 students with each needs 1Mbps bandwidth. The average bandwidth can be revealed by using the tool, so as to assess if the students are smoothly connected to the WiFi network. The collected data is for reference only, and the tool is not aimed at replacing those professional testing tools and software. HKEdCity will provide the respective platform and software, schools only need to assign a responsible teacher, prepare for adequate devices, and make a reservation online to do the testing. The whole testing process is simple and quick, schools can conduct their own tests or do it together with their service provider. The details are as follows,

### Target

Schools (make reservation online by using the school administrator account)

### Testing time

Date : Mon - Sat (except public holidays)

Time : 8 am – 10 pm

Testing Session: Each session is 2 hours

### Online reservation

Schools can make reservation online, please visit the website of WaaSchool ( [www.hkedcity.net/waaschool/en/testing\\_tool](http://www.hkedcity.net/waaschool/en/testing_tool) ) for details

## Enquiry

For the WiFi authentication service, please contact your network service provider. For other queries, please contact HKEdCity at 2624 1000 or [support@hkedcity.net](mailto:support@hkedcity.net).