Suggested Actions
on WebSAMS
Suggested Actions

- Keep Latest Windows Security Update
- Check Windows Hardening Status
- Check Antivirus Protection Status
- Ensure System Backup In Order
- Keep Best Practice in System Operation
Keep Latest Windows Update

Go to “Control Panel” >“Windows Update” then select:

- **Check for Updates**
  (Select all updates except “Service Pack” / “Major Version Upgrade”)

- **View Update History**

- **Change Settings**
Keep Latest Windows Update

Adjust your computer's settings

- Action Center
- Color Management
- Default Programs
- Display
- Fonts
- Java
- Mouse
- Phone and Modem
- Region
- System
- Troubleshooting
- Windows Update
- Administrative Tools
- Credential Manager
- Device Manager
- Ease of Access Center
- Internet Options
- Keyboard
- Network and Sharing Center
- Power Options
- RemoteApp and Desktop Connections
- Taskbar
- User Accounts
- AutoPlay
- Date and Time
- Devices and Printers
- Folder Options
- iSCSI Initiator
- Language
- Notification Area Icons
- Programs and Features
- Sound
- Text to Speech
- Windows Firewall
Windows Update > Check for Updates

(Select all updates except “Service Pack” / “Major Version Upgrade”)
Keep Latest Windows Update

Windows Update

You're set to automatically install updates
No updates are available.

Most recent check for updates: 04/05/2017 at 12:49
Updates were installed: 04/05/2017 at 12:35.
You receive updates: For Windows only.

Get updates for other Microsoft products. Find out more

See also
Installed Updates
Keep Latest Windows Update

Windows Update

Download and install updates (1,073.7 MB - 1,075.2 MB total)

113 important updates are available
44 optional updates are available

Install updates

Most recent check for updates: Today at 09:52
Updates were installed: Never
You receive updates: For Windows only.

Get updates for other Microsoft products. Find out more
Select the updates you want to install

<table>
<thead>
<tr>
<th>Name</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Windows Server 2012 (113)</td>
<td>124.8 MB</td>
</tr>
<tr>
<td>2017-05 Security Monthly Quality Rollup for Windows Server 2012 for x64-based Systems (KB4019216)</td>
<td>45.6 MB</td>
</tr>
<tr>
<td>Cumulative Security Update for Internet Explorer 10 for Windows Server 2012</td>
<td>33.1 MB</td>
</tr>
<tr>
<td>Security Update for Microsoft .NET Framework 4.5 and 4.5.1 on Windows Server 2012</td>
<td>6.1 MB</td>
</tr>
<tr>
<td>Security Update for Microsoft .NET Framework 4.5 on Windows Server 2012</td>
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<td>Security Update for Windows Server 2012 (KB32755009)</td>
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<td>Security Update for Windows Server 2012 (KB32770860)</td>
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<td>Security Update for Windows Server 2012 (KB32807388)</td>
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</table>

Total selected: 113 important updates (1,073.7 MB - 1,075.2 MB)

Install Cancel
Keep Latest Windows Update

Windows Update > View Update History
Keep Latest Windows Update

- View update history
- Control Panel Home
- Check for updates
- Change settings
- Restore hidden updates

Windows Update

You're set to automatically install updates
No updates are available.

Most recent check for updates: 04/05/2017 at 12:49
Updates were installed: 04/05/2017 at 12:35.
You receive updates: For Windows only.

Get updates for other Microsoft products. Find out more

See also
- Installed Updates
Review your update history

Check the Status column to ensure all important updates were successful. To remove an update, see Installed Updates.

Troubleshoot problems with installing updates

<table>
<thead>
<tr>
<th>Name</th>
<th>Status</th>
<th>Importance</th>
<th>Date Installed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 (KB2967107)</td>
<td>Succeeded</td>
<td>Important</td>
<td>17/1/16</td>
</tr>
<tr>
<td>May, 2017 Security and Quality Rollup for .NET Framework 3.5, 4.5.2, 4.6, 4.6.1, 4.6.2 on Windows 8.1 and Windows Server 2012 R2 for x64 (KB4019114)</td>
<td>Pending restart</td>
<td>Important</td>
<td>11/5/17</td>
</tr>
<tr>
<td>Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 (KB3008929)</td>
<td>Succeeded</td>
<td>Important</td>
<td>13/4/17</td>
</tr>
<tr>
<td>April, 2017 Security Monthly Quality Rollup for Windows Server 2012 R2 (KB4015550)</td>
<td>Succeeded</td>
<td>Important</td>
<td>13/4/17</td>
</tr>
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<td>April, 2017 Security and Quality Rollup for .NET Framework 3.5, 4.5.2, 4.6, 4.6.1, 4.6.2 on Windows 8.1 and Windows Server 2012 R2 for x64 (KB4014983)</td>
<td>Pending restart</td>
<td>Important</td>
<td>28/3/17</td>
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<td>Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 (KB3125519)</td>
<td>Succeeded</td>
<td>Important</td>
<td>28/3/17</td>
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<td>Security Update for Windows Server 2012 R2 (KB3178539)</td>
<td>Succeeded</td>
<td>Important</td>
<td>28/3/17</td>
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<td>Update for Windows Server 2012 R2 (KB3057371)</td>
<td>Succeeded</td>
<td>Important</td>
<td>28/3/17</td>
</tr>
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<td>Cumulative Security Update for Internet Explorer 11 for Windows Server 2012 R2 (KB31805319)</td>
<td>Succeeded</td>
<td>Important</td>
<td>28/3/17</td>
</tr>
</tbody>
</table>
Keep Latest Windows Update

Windows Update > Change Settings
Keep Latest Windows Update

Windows Update

Change settings

Control Panel Home
Check for updates
View update history
Restore hidden updates

Windows Update

You're set to automatically install updates
No updates are available.

Most recent check for updates: 04/05/2017 at 12:49
Updates were installed: 04/05/2017 at 12:55.
You receive updates: For Windows only.

Get updates for other Microsoft products. Find out more

See also
Installed Updates
Keep Latest Windows Update

Choose your Windows Update settings
When your PC is online, Windows can automatically check for important updates and install them using these settings. When new updates are available, you can also choose to install them when you shut down your PC.

**Important updates**
- Check for updates but let me choose whether to download and install them

**Recommended updates**
- Give me recommended updates the same way I receive important updates

Note: Windows Update might update itself automatically first when checking for other updates. Read our privacy statement online.
Check Windows Hardening Status

- Refer to

“Installation Guidelines for WebSAMS 3.0”
  “Appendix 7: Windows Server 2012 R2 – OS Hardening Guide”

for Checking the Windows Hardening Status including:

- Local Security Policy
- Windows Firewall
- Screen Saver Timeout
  (On resume, display logon screen)
- Remote Desktop with Network Level Authentication
  (In normal operation, the remote desktop should be disabled)
Check Antivirus Protection Status

☑ Ensure the Antivirus Software is in latest version

☑ Ensure the Online Protection is enabled

☑ Ensure the Virus Pattern is up-to-date
Ensure System Backup In Order

- Ensure the following kinds of backup are included:
  - Windows Server (Regular System Backup)
  - WebSAMS Program and Data (Daily, Weekly and Monthly Backup)

- Ensure encryption of backup image

- Check the Backup Log timely

- Check the status of Backup Media timely including:
  - On-line media (NAS)
  - Off-line media
Keep Best Practice on System Operation

- DO NOT share the disk storage of WebSAMS Server as network drive
- Only install WebSAMS related software
- DO NOT enable remote desktop service or install similar software
- DO NOT visit any questionable website or download files from questionable source in WebSAMS Server
Security Guides & Checklist for WebSAMS:

Path: http://cdr.websams.edb.gov.hk > 主頁 > 參考資料 > 保安及處理敏感數據指引
WebSAMS Version Upgrade release note:
- **Path:** http://www.webcams.edb.gov.hk > Version Upgrade for 3.0 > Major Upgrade

IT Security in Schools – Recommended Practice:
- **Path:** EDB Webpage > Education System and Policy > Primary and Secondary School Education > Applicable to Primary and Secondary School > IT in Education > On-going Support
Regularly visit the Information Security website of HKSAR for the update information of IT security
  - Path: http://www.infosec.gov.hk

Hong Kong Computer Emergency Response Team Coordination Centre (HKCERT)
  - Path: https://www.hkcERT.org
Reference Material (cont’d)

For enquiries:

- **Technical support:**
  - WebSAMS Helpdesk 3125 8510

- **Other enquiries:**
  - School Liaison Officer of the WebSAMS Team
  
  Path:
  
  http://cdr.websams.edb.gov.hk/Files/Doc/WebSAMS%20School%20Liaison%20Officer%20list.xls
The End