Technical Notification
When upgrade to Firmware V02.040

(KX-HDV130 / HDV100)

No. 02-022

June 17 , 2016

Ver.1.3

Panasonic System Networks Co., Ltd.

Abstract about this document

This document describe about Special Firmware upgrade for HDV100/130.
When you upgrade new firmware , please upgrade as described.
(Refer to Page.3 or later.)

Note1: Once upgrade FW, you CAN NOT downgrade to Ver.1.04x or earlier.

Note2: Upgrade new firmware under no VLAN and no proxy environment.

Revision history

Date	Version	Revision	Firmware version
Nov. 16, 2015	Ver. 1.0	Initial Release	Ver.1.064
	Ver.1.1	Adding the note for update failure	Ver.1.064
Mar. 4, 2016	Ver. 1.2	Second Release	Ver.2.018
Jun. 17, 2016	Ver. 1.3	Third Release	Ver.2.040

2. How to update new firmware from old firmware (1)

description	- This firmware has been one package in configuration of part1 and part2.
	
	    - HDV130-02.040.fw.part1
	
	    - HDV130-02.040.fw.part2
	
	- Need to update two files at same time.

How to update firmware	1. Put both HDV130-02.040.fw.part1 and HDV130-02.040.fw.part2 in your FW maintenance server. Note : DO NOT rename these files 2. Please set FW file path "/HDV130-02.040.fw.part1 "to the device. Note : DO NOT set "/HDV130-02.040.fw.part2" as FW file path 3. The device downloads HDV130-02.040.fw.part1 from the server, and updating is done by HDV130-02.040.fw.part1. Then the device automatically downloads HDV130-02.040.fw.part2, and FW updating is done by HDV130-02.040.fw.part2. It means updating works twice. 4. In the case of upgrade by TR069, "BOOT" and "Transfer Complete" will be notified with new version after the part2 upgrade is complete.

2. How to update new firmware from old firmware (2)

HDV1xx   **Download Server**

HDV130-02.040.fw.part1
HDV130-02.040.fw.part2

Note:

Please be careful not to disconnect power and network during update firmware.

Upgrade "HDV130-02.040.fw.part1"

Ex)TR069
<FileType>1 Firmware Upgrade Image</FileType>
<URL>http://xx.xx.xx.xx/HDV130-02.040.fw.part1 </URL>

Note: At FW ver.1.04x or earlier , You can NOT use these 4 macros {MAC},{mac},{MODEL},{fwver}.

Note: During upgrade ""
GET "HDV130-02.040.fw.part1"

- Updating part1.

- Rebooting

Automatically GET "HDV130-02.040.fw.part2"

- Updating part2.

- Rebooting

Ex)TR069 Transfer Complate

<EventCode>7 TRANSFER COMPLETE</EventCode>
<EventCode>M Download</EventCode>
<EventCode>1 BOOT</EventCode>
<Name>Device.DeviceInfo.SoftwareVersion</Name>
<Value xsi:type="xsd:string">xx.xxx</Value>

Note: When update fails by disconnect power or network, reconnect power and network. Then device starts update again.
Do not reset factory default.

It takes about 10 to 15 min.

2. How to update new firmware from old firmware (3)

Screen transition during updating (if first time update part.1/part.2)

Standby

Rebooting

| `<ERASING> 080%` |
| `<ERASING> 100%` |
| `<WRTING> 010%` |
| `<WRITING> 100%` |
| `<WRITING OK>`
`COMPLETED` |

Rebooting

| `<PART1 ERASING> 080%` |
| `<PART1 ERASING> 100%` |
| `<PART1 WRITING> 010%` |
| `<PART1 WRITING> 100%` |
| `<PART1 WRITE OK>` |

| `REBOOTING…` |
| `<Network Checking…>` |
| `<ERASING> 080%` |
| `<ERASING> 100%` |
| `<WRTING> 010%` |

Rebooting

| `<WRITING> 100%` |
| `<WRITE OK>`
`COMPLETED` |

Rebooting

Updating is completed
and rebooting.
Then going to Standby.

2. How to update new firmware from old firmware (3)

Standby

Rebooting

```
<ERASING> 080%
████████████
```

↓

```
<ERASING> 100%
██████████████
```

↓

```
<WRTING> 010%
█
```

↓

```
<WRITING> 100%
██████████████
```

↓

```
<WRITING OK>
COMPLETED
```

↓

Rebooting

```
<PART1 WRITE OK>
```

↓

```
REBOOTING…
```

↓ **Rebooting**

```
<Network Checking…>
```

↓

```
<ERASING> 080%
████████████
```

↓

```
<ERASING> 100%
██████████████
```

↓

Rebooting

```
<WRTING> 010%
█
```

↓

```
<WRITING> 100%
██████████████
```

↓

```
<WRITE OK>
COMPLETED
```

↓ **Rebooting**

Updating is completed
and rebooting.
Then going to Standby.

3. Preparation

・Firmware HTTP Server Setup
   Refer "How to install Abyss Web Server" Page9 or later.

・To manually update the firmware
   When an updated version of the firmware is provided on a Web site or other means,
   you can perform the firmware update manually using Web user interface programming.

   Ex.   Abyss Web Server default install.
         Put the firmware on "C:¥Abyss Web Server¥htdocs" folder.

http://192.168.x.xxx/HDV130-02.040.fw.part1
Note) Please specify the Port number of HTTP server if update process does not start without Port number.
Ex : http://192.168.x.xxx:80/HDV130-02.040.fw.part1
   Abyss Web Server use Port :80 as default

4. Upgrade Firmware

Upgrade Firmware

Maintenance -> Upgrade Firmware

1. In the Web user interface, click the [Maintenance] tab, and then click [Upgrade Firmware].
2. Click Browse, select the folder where the firmware file is stored, and specify the firmware file on your PC.
3. Click [Upgrade Firmware].

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KX-HDV130 | Status | Network | System | VoIP | Telephone | **Maintenance**

Upgrade Firmware

Web Port Close

Maintenance
- Provisioning Maintenance
- Firmware Maintenance
- Import Configuration File
- Export Con...
- Export Ope...
- Upgrade Firmware
- ...port Logo File
- ...t IP Phone Language
- Import Certificate File
- Root Certificate Information
- Export Logging File
- Reset to Defaults
- Restart

Upgrade Firmware

Firmware File URL | http://192.168.0.130/HDV130-01.064.fw.part

Update Firmware

2. Set the firmware file URL on HTTP server

3. Click "Update Firmware"

1. Click "Upgrade Firmware"

Note) Please specify the Port number of HTTP server if update process does not start without Port number.

Ex : http://192.168.x.xxx:80/HDV130-02.040.fw.part1

Abyss Web Server use Port :80 as default

After step3, the Unit restart automatically, update will start with displaying "ERASING **%"

5. Processing after click "Upgrade Firmware"

1. Click "Upgrade Firmware" via WEB.
2. HDV Reboots itself.
3. HDV downloads the firmware from the HTTP server.
4. HDV Reboots itself again.

HTTP server

3

2, 4

1

HDV100/130　　　　**PC**
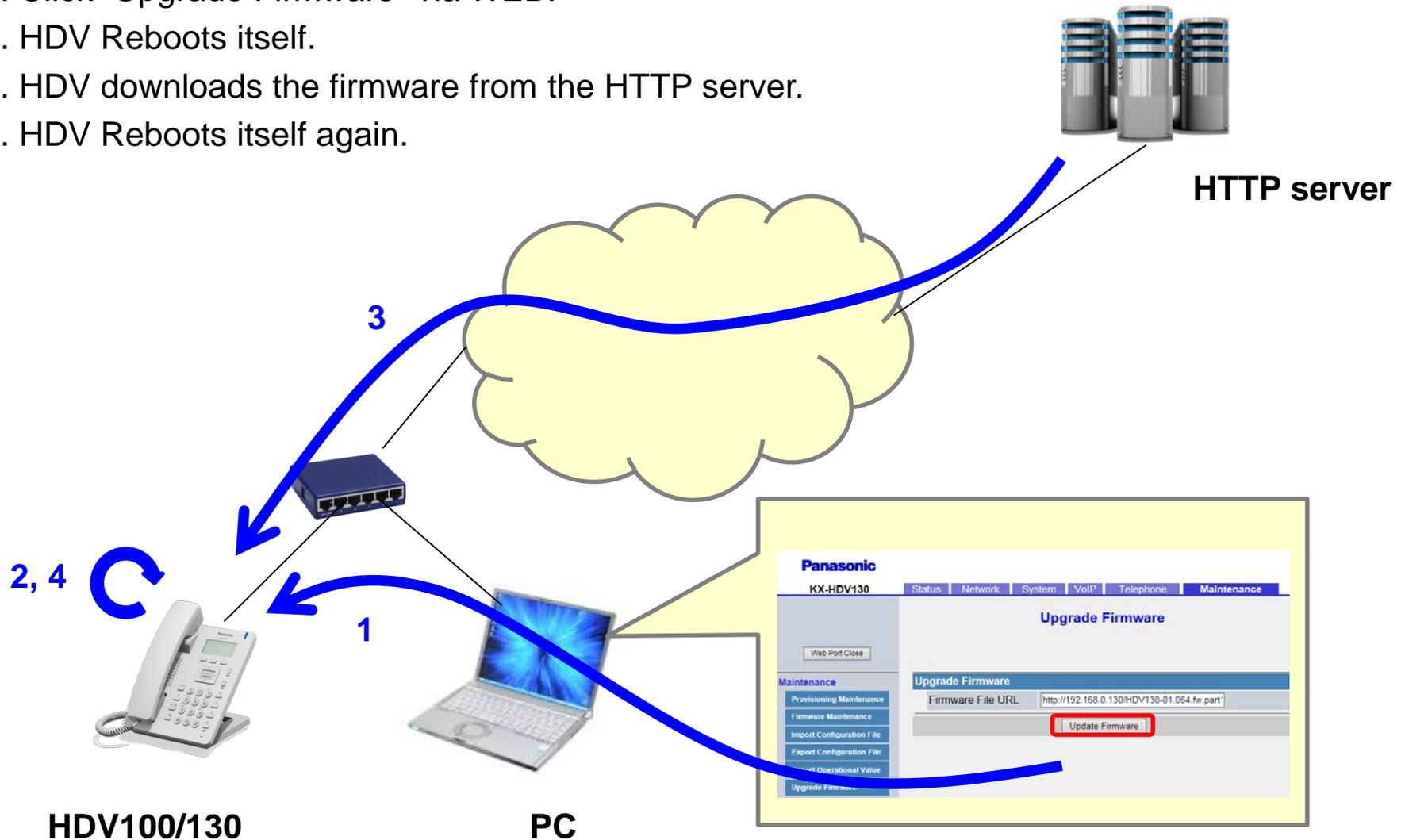
Appendix.

You can see whether part1/part2 firmware upgrading has been done or not by confirming "IPL Version".

WEB UI : Click "Status" tab -> "Version Information"

Already done

IPL Version	01.0xx / **02.001** [SIP : x.xx]

or

IPL Version	**02.001** [SIP : x.xx]

*

＊ : Done at factory

Not yet

IPL Version	01.0xx / **01.0xx** [SIP : x.xx]

or

IPL Version	01.0xx / **01.0xx**

or

IPL Version	01.0xx [SIP : x.xx]

or

IPL Version	01.0xx

Reference:
How to install Abyss Web Server

Ex. How to install Abyss Web Server(1)

Install

Double click abwsx1.exe
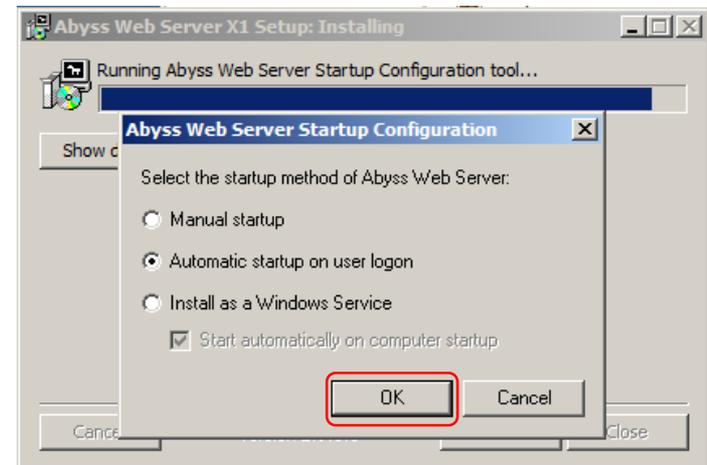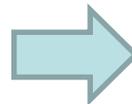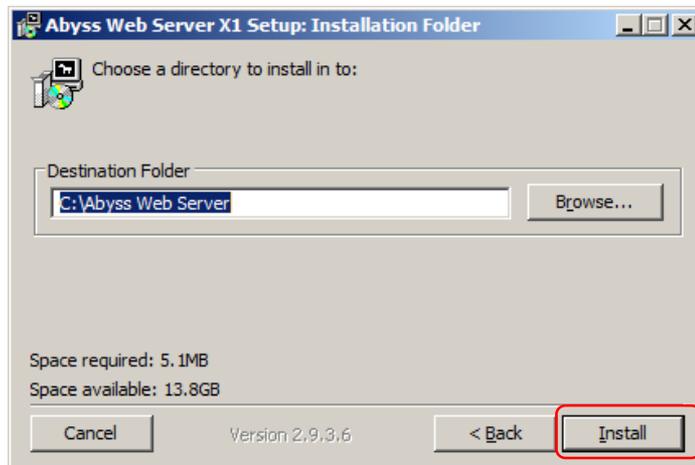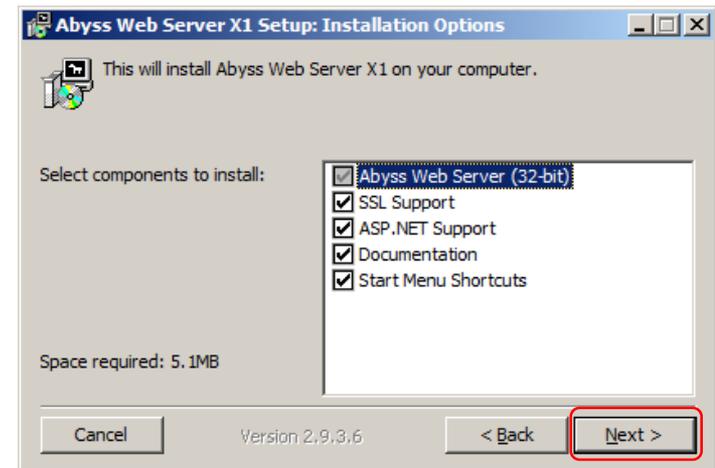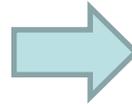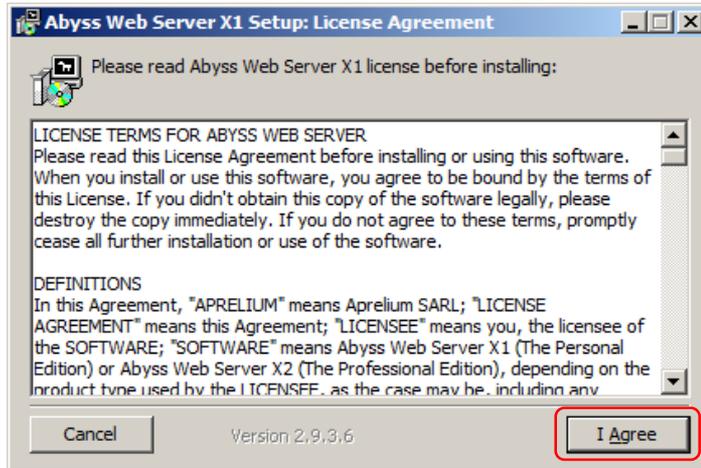
Ex. How to install Abyss Web Server(2)

Install
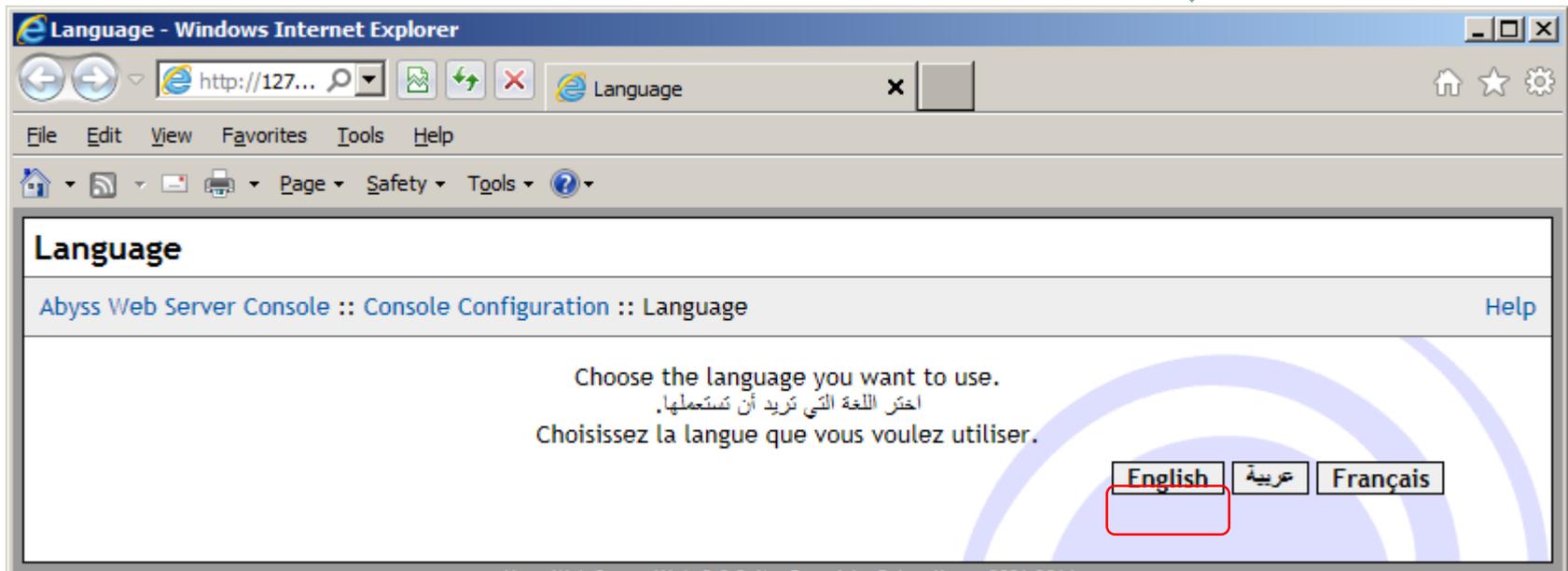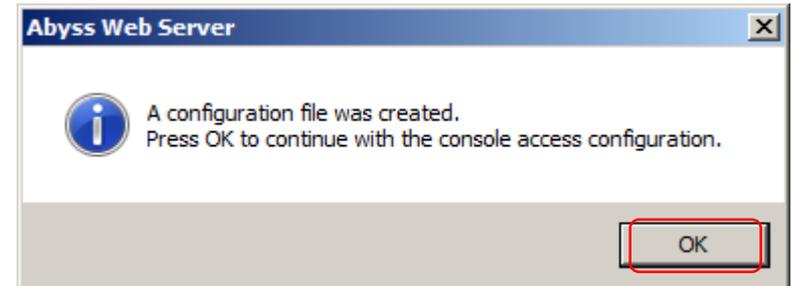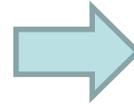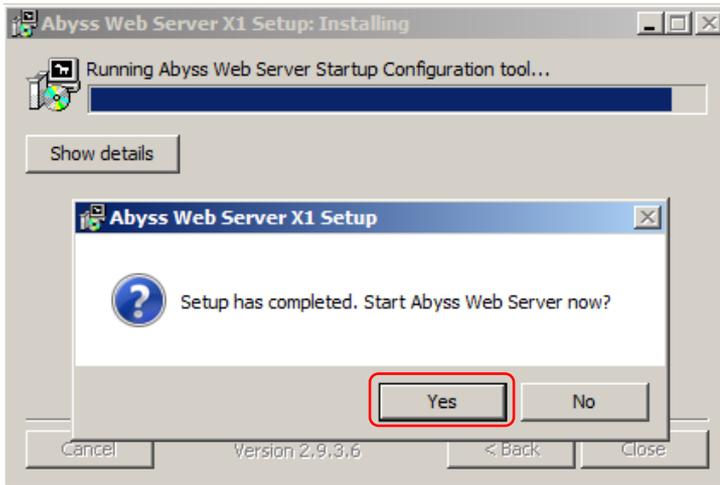
Ex. How to install Abyss Web Server(3)

Install

Set Login and Password.
Example)
Login : psn
Password : psn0101

Enter Login and Password.
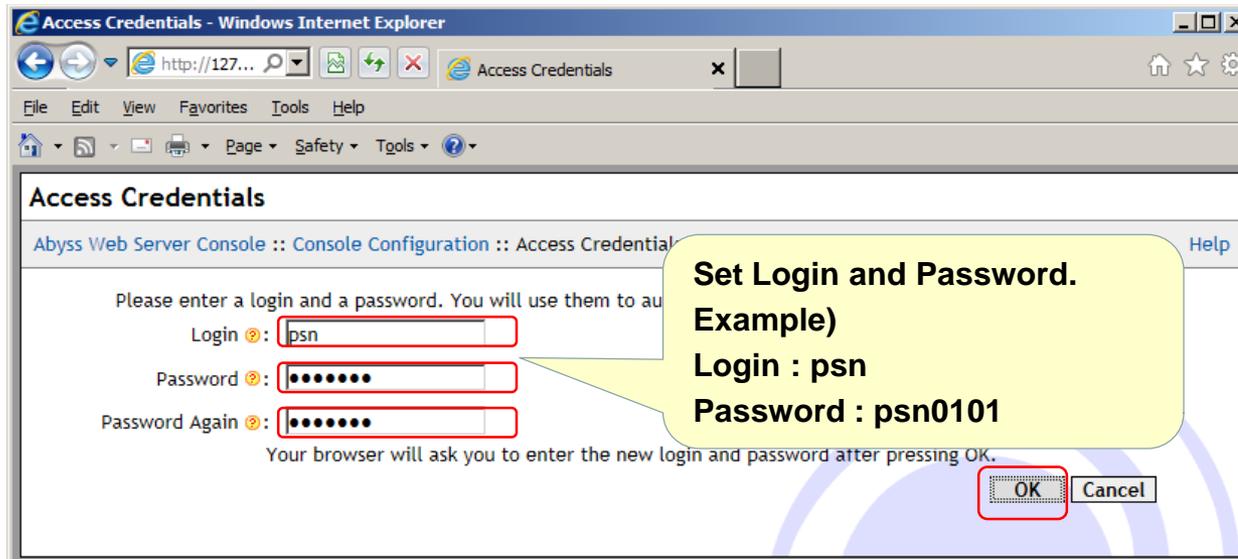
Ex. How to install Abyss Web Server(4)

Change Firewall setting.

Control Panel -> Network and Sharing Center -> Windows Firewall -> Allow a program or feature through Windows Firewall
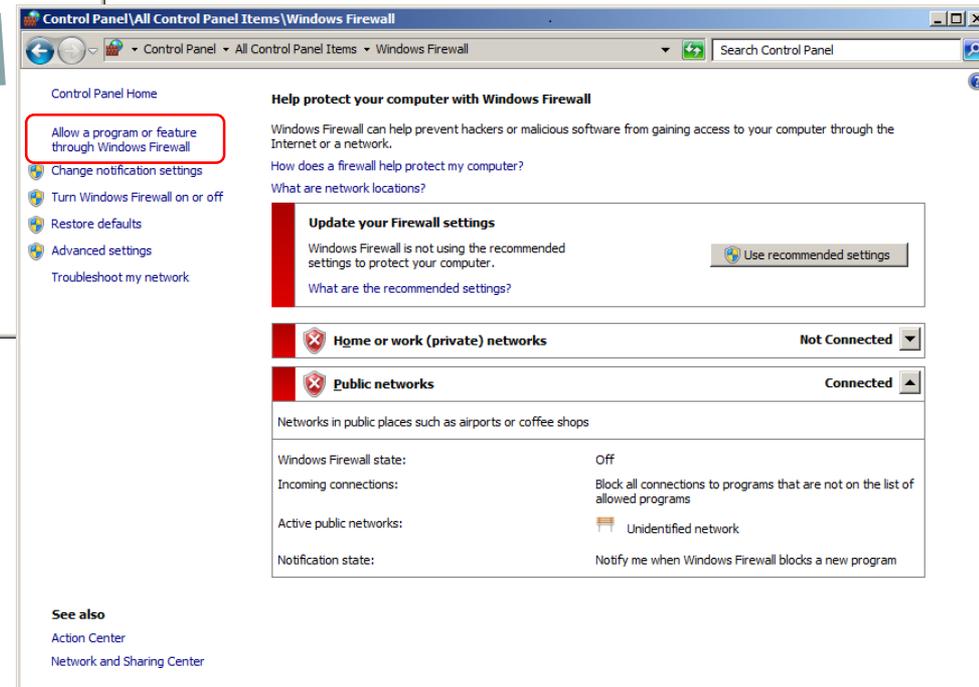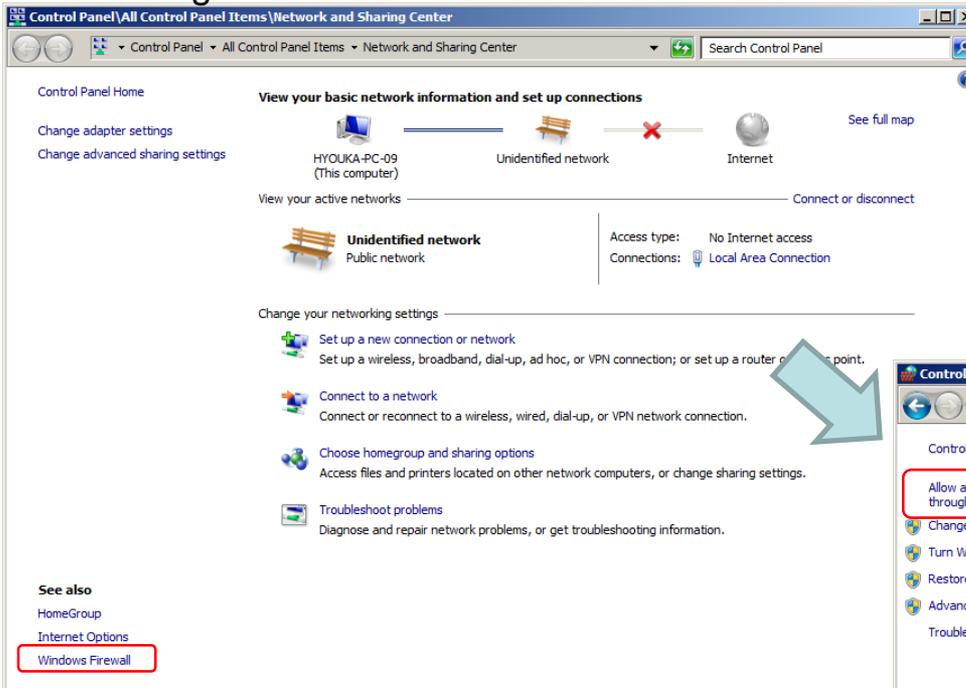
Ex. How to install Abyss Web Server(5)

Change Firewall setting.
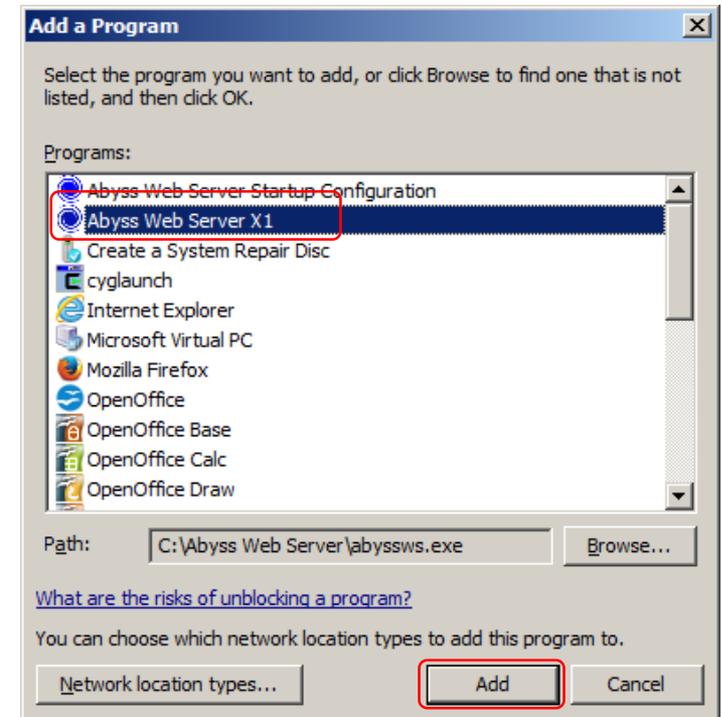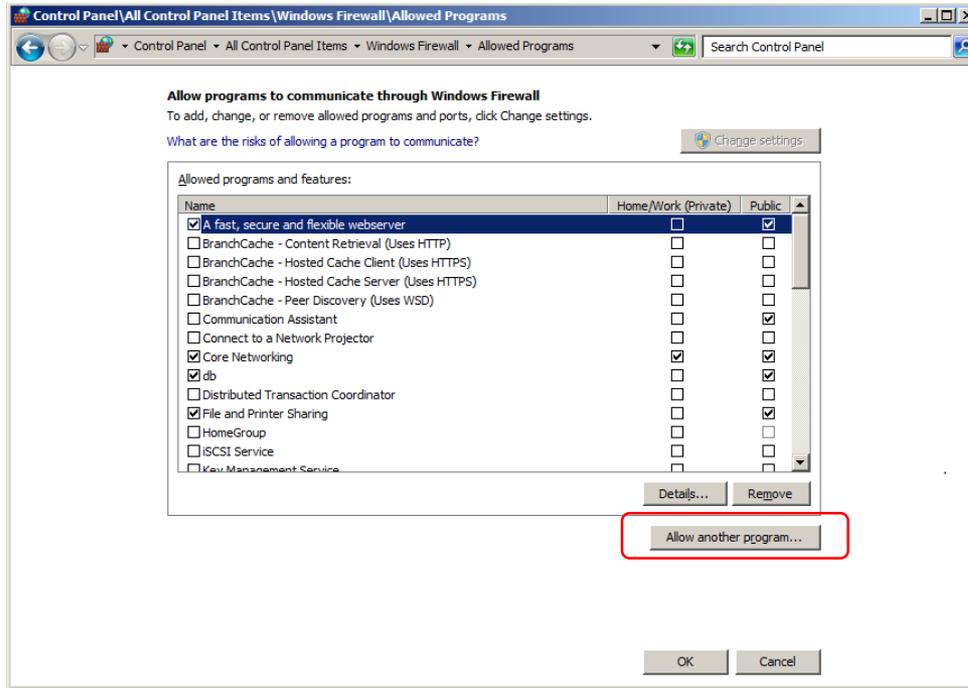
Ex. How to install Abyss Web Server(6)

Change Firewall setting.

Check the box.