**SPA products flash migration from 32MB to 128MB & 2k certificate update release notes**

1. **Firmware and upgrading compatible notes**
   1. **SPA112&122&232D** 
      1. Hardware identified by following serial number or later support 128mb flash

|  |  |
| --- | --- |
| **Product** | **Serial Number** |
| SPA112 | CCQ1823063F |
| SPA122 | CCQ1820027K |
| SPA232D | CCQ17100F4V |

* + 1. Hardware & Firmware compatibility Table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Hardware** | **Firmware 1.3.2 supported** | **Firmware 1.3.2n supported** | **Firmware 1.3.3 or later supported** | **Firmware downgrade from 1.3.2n to 1.3.2 supported** |
| 128mb flash | No | Yes | Yes | No |
| 32mb flash | Yes | Yes | Yes | Yes |

* 1. **SPA525G2** 
     1. Hardware identified by serial number CCQ18160L03 or later support 128mb flash.
     2. Hardware & Firmware compatibility Table

|  |  |  |  |
| --- | --- | --- | --- |
| **Hardware** | **Firmware 7.5.5 supported** | **Firmware 7.5.5b or later supported** | **Firmware downgrade from 7.5.5b to 7.5.5 supported** |
| 128mb flash | No | Yes | No |
| 32mb flash | Yes | Yes | Yes |

1. **2K Certification compatible notes**
   1. **SPA500(525&5x5)/112/122/232D** 
      1. Hardware identified by following serial number or later installed built-in 2k certificate.

|  |  |
| --- | --- |
| **Product** | **Serial Number** |
| SPA500 | CCQ182306PP |
| SPA112/122/232D | CCQ18230001 |

* + 1. Device certificate validation

**Built-in certificate & combined CA compatibility Table**

|  |  |  |
| --- | --- | --- |
| **Hardware** | **Remote SSL server installed “Old Combined CA”** | **Remote SSL server installed New Combined CA**  **(Old Combined CA + “Small Business 2” )** |
| SPA devices built-in 1k certificate | Yes | Yes |
| SPA devices built-in 2k certificate | No | Yes |

Note: Remote SSL Server need update new combined CA when it works with the built-in 2k certificate SPA devices.

* + 1. Server certificate validation

**Firmware & server certificate support Table**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Firmware build-in CA supported** | | **Remote SSL server’s Certificate signed by** | | | |
| **Linksys** | **SIPURA** | **Small Business** | **Small Business 2** |
| **SPA500** | **7.5.5** | Yes | Yes | Yes | No |
| **7.5.6 or later** | Yes | Yes | Yes | Yes |
| **SPA112/122/232D** | **1.3.2** | Yes | Yes | Yes | No |
| **1.3.3 or later** | Yes | Yes | Yes | Yes |

Note: SPA500/112/122/232D start to build-in “Small business 2” CA with following firmware or later.

|  |  |
| --- | --- |
| Product | Firmware |
| SPA500 | 7.5.6 |
| SPA112/122/232D | 1.3.3 |

* 1. **Other SPA products** 
     1. Other SPA products

Other SPA products, including the following list, had installed built-in 1k certificate.

* PAP2
* WRTP
* RTP
* PAP2T
* WRP400
* SPA2xxx (SPA2000 and SPA2102)
* SPA3xxx (SPA3000 and SPA3102)
* SPA9xx (SPA901, SPA921, SPA922, SPA941, SPA942, SPA962)
  + 1. Device certificate validation

**Built-in certificate & combined CA compatibility Table**

|  |  |  |
| --- | --- | --- |
| **Hardware** | **Remote SSL server installed “Old Combined CA”** | **Remote SSL server installed New Combined CA**  **(Old Combined CA + “Small Business 2” )** |
| SPA devices built-in 1k certificate | Yes | Yes |

Note: Other SPA products had installed built-in 1k certificate, so it apply to upper rule.

* + 1. Server certificate validation

**SPA devices & server certificate support Table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **build-in CA supported** | **Remote SSL server’s Certificate signed by** | | | |
| **Linksys** | **SIPURA** | **Small Business** | **Small Business 2** |
| PAP2 | Yes | No | No | No |
| WRTP | Yes | No | No | No |
| RTP | Yes | No | No | No |
| PAP2T | Yes | Yes | No | No |
| WRP400 | Yes | Yes | No | No |
| SPA2xxx | Yes | Yes | No | No |
| SPA3xxx | Yes | Yes | No | No |
| SPA9xx | Yes | Yes | No | No |