

**SPECYFIKACJA TECHNICZNA****Część 2 – Zestawy dydaktyczne na potrzeby Akademii Sieci Komputerowych CISCO**

Zestawy dydaktyczne, w skład których wchodzi sprzęt sieci komputerowych producenta Cisco Systems, kupowane są dla potrzeb Akademii Sieci Komputerowych CISCO działającej przy Wydziale Nauk Technicznych PANS w Nysie.

W ramach Akademii prowadzone są specjalistyczne kursy CCNA. Uczelnia posiada umowę na prowadzenie tych kursów oraz identyfikator szkoły. Do prowadzenia kursów, części laboratoryjnej i projektowej niezbędne jest odpowiednie wyposażenie laboratorium w sprzęt sieci komputerowych firmy Cisco Systems.

Postępowanie dotyczy wyboru najkorzystniejszej oferty dostawców sprzętu firmy Cisco Systems.

Zestaw CCNA Security Standard Bundle – **8 zestawów** o następującej konfiguracji:

1. Router **C8200L-1N-4T** z wyposażeniem – **3 kpl./zestaw**

| Symbol komponentu  | Opis                                                         | Ilość/kpl |
|--------------------|--------------------------------------------------------------|-----------|
| C8200L-1N-4T       | Cisco Catalyst 8200L with 1-NIM slot and 4x1G WAN ports      | 1         |
| MEM-C8200-4GB      | Cisco Catalyst 8200 Edge 4GB memory                          | 1         |
| C-RFID-1R          | RFID - 1RU for Cisco 8200/8300/8400/8500L Series             | 1         |
| C8200-RM-19-1R     | Cisco Catalyst 8200 Rack mount kit - 19" 1R                  | 1         |
| NETWORK-PNP-LIC    | Network Plug-n-Play Connect for zero-touch device deployment | 1         |
| C8200-NIM-BLANK    | Cisco Catalyst 8200 Edge NIM Blank                           | 1         |
| C8200-PIM-BLANK    | PIM Blank for Cisco 8200 Series                              | 1         |
| C-M2-BLANK         | M.2 Blank for Cisco 8200/8300/8400/8500L Series              | 1         |
| C8000-HSEC         | U.S. Export Restriction Compliance license for C8000 series  | 1         |
| CAB-ACE            | AC Power Cord (Europe), C13, CEE 7, 1.5M                     | 1         |
| SC8KBEUK9-179      | UNIVERSAL                                                    | 1         |
| IOSXE-AUTO-MODE    | IOS XE Autonomous or SD-Routing mode for Unified image       | 1         |
| DNA-C8200-SW       | Cisco DNA subscription for C8200 series                      | 1         |
| DNA-P-T0-E-3Y      | Cisco DNA Essentials On-Prem Lic 3Y - upto 25M (Aggr, 50M)   | 1         |
| SVS-PSTL1-T0-E3Y   | Success Track L1 - DNA Essentials OnPrem Lic, T0, 3Y         | 1         |
| DSTACK-T0-E        | Cisco DNA Essentials Stack - upto 25M (Aggr, 50M)            | 1         |
| NWSTACK-T0-E       | Cisco Network Essentials Stack - upto 25M (Aggr, 50M)        | 1         |
| SDWAN-UMB-ESS      | Cisco Umbrella for DNA Essentials                            | 1         |
| DNAC-ONPREM-PF     | Cisco DNA Center On Prem Deployment Option for WAN           | 1         |
| C82L-1N-4T-PF      | C8200L-1N-4T Platform Selection for DNA Subscription         | 1         |
| IOSXE-AUTO-MODE-PF | IOS XE Autonomous or SD-Routing mode for Unified image       | 1         |

2. Switch **C9200L-24T-4G-E** z wyposażeniem – **3 kpl./zestaw**

| Symbol komponentu  | Opis                                                         | Ilość/kpl |
|--------------------|--------------------------------------------------------------|-----------|
| C9200L-24T-4G-E    | Catalyst 9200L 24-port data only, 4 x 1G, Network Essentials | 1         |
| C9200L-DNA-E-24    | C9200L Cisco DNA Essentials, 24-port Term license            | 1         |
| C9200L-DNA-E-24-3Y | C9200L Cisco DNA Essentials, 24-port, 3 Year Term license    | 1         |
| C9200L-NW-E-24     | C9200L Network Essentials, 24-port license                   | 1         |
| CAB-TA-EU          | Europe AC Type A Power Cable                                 | 1         |
| PWR-C5-BLANK       | Config 5 Power Supply Blank                                  | 1         |
| C9200-STACK-BLANK  | Catalyst 9200 Blank Stack Module                             | 1         |

|                 |                                                              |   |
|-----------------|--------------------------------------------------------------|---|
| C9K-ACC-RBFT    | RUBBER FEET FOR TABLE TOP SETUP 9200 and 9300                | 1 |
| C9K-ACC-SCR-4   | 12-24 and 10-32 SCREWS FOR RACK INSTALLATION, QTY 4          | 1 |
| CAB-GUIDE-1RU   | 1RU CABLE MANAGEMENT GUIDES 9200 and 9300                    | 1 |
| NETWORK-PNP-LIC | Network Plug-n-Play Connect for zero-touch device deployment | 1 |

### 3. Firewall **FPR1010-ASA-K9** z wyposażeniem – **1 kpl./zestaw**

| Symbol komponentu | Opis                                         | Ilość/kpl |
|-------------------|----------------------------------------------|-----------|
| FPR1010-ASA-K9    | Cisco Firepower 1010 ASA Appliance, Desktop  | 1         |
| PWR-DT-150W-AC    | Power supply, desktop, 150W, AC input        | 1         |
| CAB-ACE           | AC Power Cord (Europe), C13, CEE 7, 1.5M     | 1         |
| SF-F1K-ASA9.20-K9 | ASA 9.20 Software for 1000 Series appliances | 1         |
| FPR1000-ASA       | Cisco Firepower 1000 Standard ASA License    | 1         |
| CAB-CONS-USB-MINI | Console Cable 6ft with USB Type A and mini-B | 1         |

### 4. Okablowanie i akcesoria – **1 kpl./zestaw**

| Symbol komponentu  | Opis                                                        | Ilość/kpl |
|--------------------|-------------------------------------------------------------|-----------|
| CAB-CONSOLE-USB=   | Console Cable 6ft with USB Type A and mini-B                | 1         |
| CAB-CONSOLERJ45-RF | Console Cable 6ft with RJ45 and DB9F                        | 1         |
| NIM-2T=            | 2-Port Serial WAN Interface card                            | 1         |
| CAB-SS-V35MT=      | V.35 Cable, DTE Male to Smart Serial, 10 Feet               | 1         |
| CAB-SS-V35FC=      | V.35 Cable, DCE Female to Smart Serial, 10 Feet             | 1         |
| NIM-16A=           | 16 Channel Async serial interface for ISR4000 series router | 1         |
| CAB-ASYNC-8=       | 8 PORT ASYNC CABLE SPARE                                    | 1         |
| CAB-CONSOLE-USB-C= | Console Cable USB-C type for C1200 and C1300 Switches       | 1         |