**UNIVERSIDAD:**Universidad Nacional del Centro de la Provincia de Buenos Aires

**INTEGRANTES**

Cordeiro, Federico  
Elis, Abigail  
Piliavsky, Pablo

**PROFESOR/A**

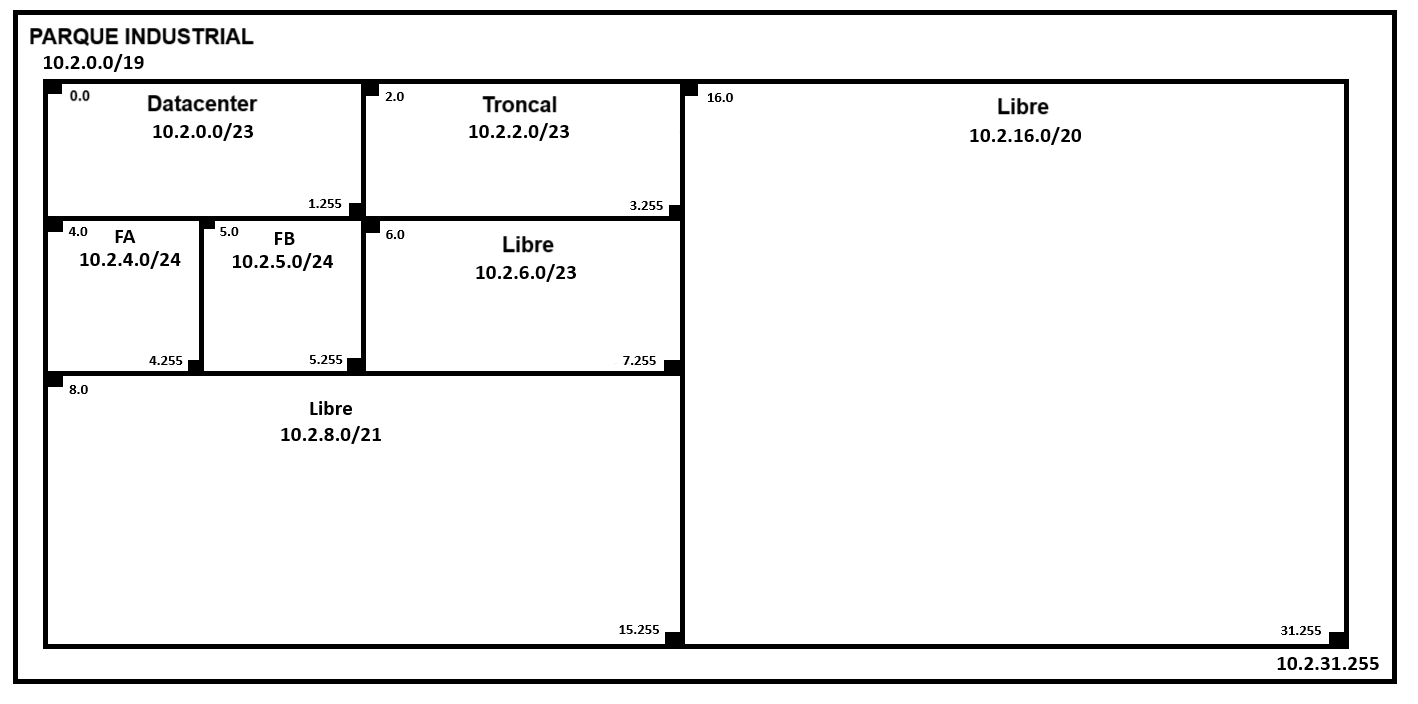
Cristian Mateos Diaz  
Jorge Hernández Gauna

**MATERIA**Configuración y Desarrollo de Aplicaciones en Redes

**FECHA DE ENTREGA**15/10/23

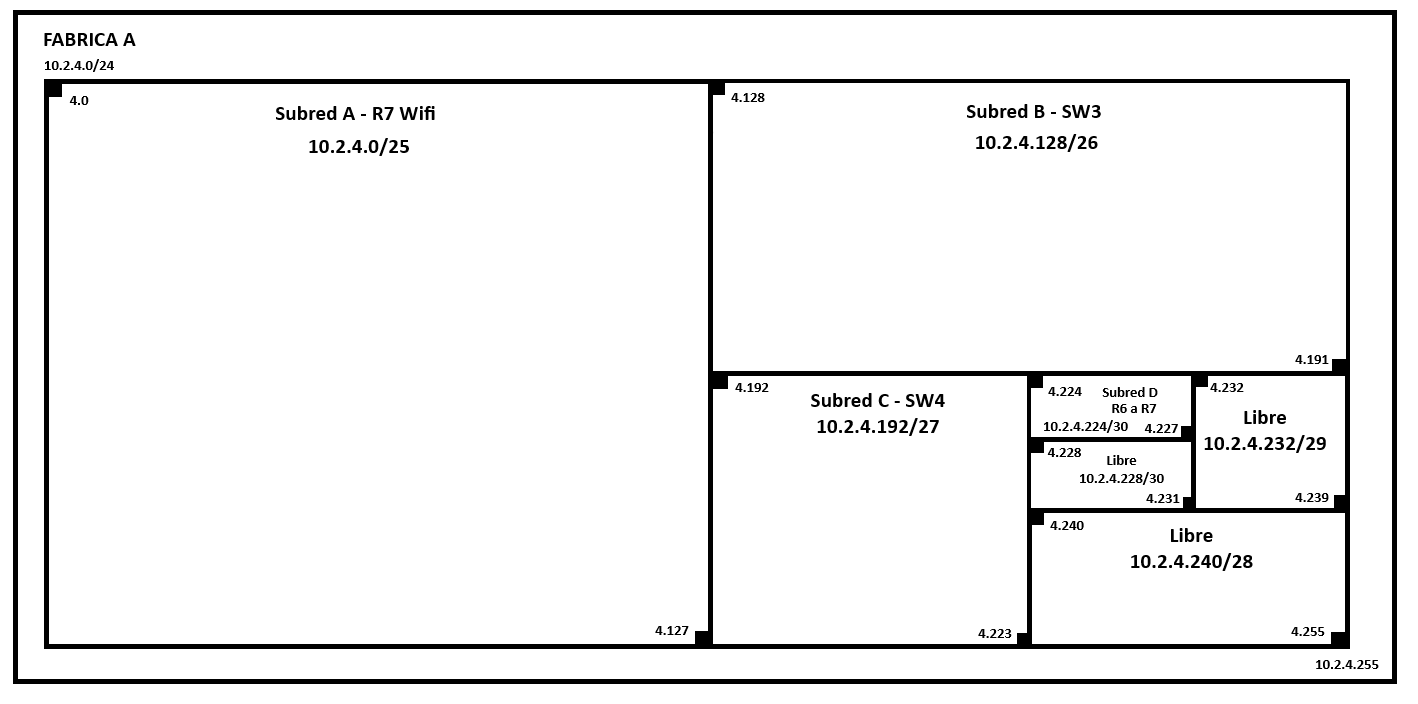
****

**VLSM - GENERAL**



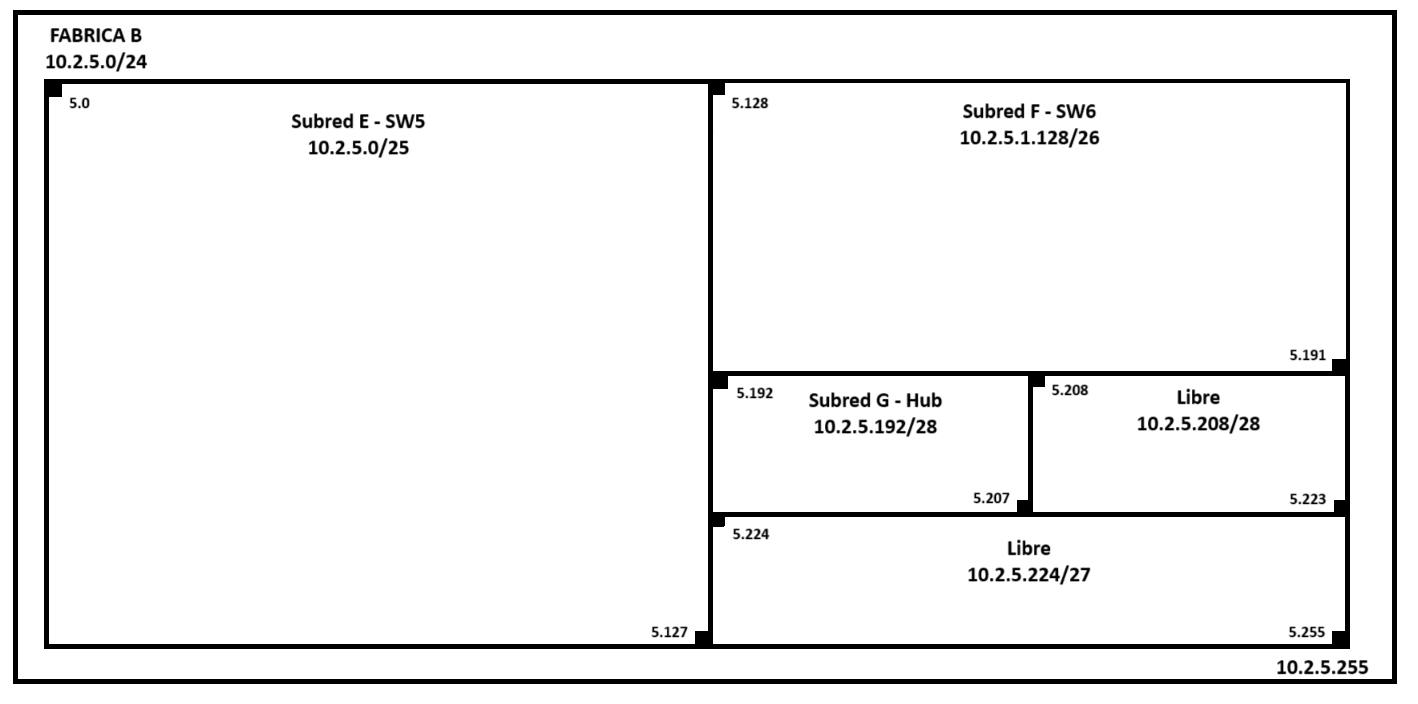
|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NOMBRE DE RED | DIRECCIÓN BASE | MASCARA | BROADCAST | RANGO ASIGNABLE |
| Parque industrial | 10.2.0.0 | /19 | 10.2.31.255 | 10.2.0.1  10.2.31.254 |
| Datacenter | 10.2.0.0 | /23 | 10.2.1.255 | 10.2.0.1  10.2.1.254 |
| Troncal | 10.2.2.0 | /23 | 10.2.3.255 | 10.2.2.1  10.2.3.254 |
| Fabrica A | 10.2.4.0 | /24 | 10.2.4.255 | 10.2.4.1  10.2.4.254 |
| Fabrica B | 10.2.5.0 | /24 | 10.2.5.255 | 10.2.5.1  10.2.5.254 |

**VLSM – FABRICA A**

****

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| NOMBRE DE RED | DIRECCIÓN BASE | MASCARA | BROADCAST | RANGO ASIGNABLE |
| Subred A  R7 Wifi | 10.2.4.0 | /25 | 10.2.4.127 | 10.2.4.1  10.2.4.126 |
| Subred B  SW3 | 10.2.4.128 | /26 | 10.2.4.191 | 10.2.4.129  10.2.4.190 |
| Subred C  SW4 | 10.2.4.192 | /27 | 10.2.4.223 | 10.2.4.193  10.2.4.222 |
| Subred D  R6 a R7 | 10.2.4.224 | /30 | 10.2.4.227 | 10.2.4.225  10.2.4.226 |

**VLSM – FABRICA B**



|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Nombre de red | Dirección Base | Mascara | Broadcast | Rango asignable |
| Subred E  SW5 | 10.2.5.0 | /25 | 10.2.5.127 | 10.2.5.1  10.2.5.126 |
| Subred F  SW6 | 10.2.5.128 | /26 | 10.2.5.191 | 10.2.5.129  10.2.5.190 |
| Subred G  Hub | 10.2.5.192 | /28 | 10.2.5.207 | 10.2.5.193  10.2.5.206 |